ORACLE
PeopleSoft

Licensing Information User Manual for PeopleSoft Enterprise Learning Management 9.2 (through Update Image 25)

November 2025

ORACLE

Licensing Information User Manual for PeopleSoft Enterprise Learning Management 9.2 (through Update Image 25)
Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

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

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

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

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

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at https://docs.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit https://docs.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit https://docs.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Contents

Chapter 1: Introduction **7**
Licensing Introduction 7
Covered Products and Releases 7
Chapter 2: PeopleSoft Enterprise Learning Management 9.2 Licensing **9**
PeopleSoft ELM 9.2 Licensing Information 9
PeopleSoft ELM 9.2 Prerequisites, Entitled Products, and Restricted Use Licenses 9
PeopleSoft ELM 9.2 Third-Party Notices and/or Licenses 10
Open Source or Other Separately Licensed Software Included with PeopleSoft ELM 9.2 10
Chapter 3: PeopleSoft PeopleTools 8.62 Licensing **13**
PeopleTools 8.62 Licensing Information 13
PeopleTools 8.62 Product Editions and Permitted Features 13
PeopleTools 8.62 Prerequisites, Entitled Products, and Restricted Use Licenses 14
PeopleTools 8.62 Third-Party Notices and/or Licenses 24
Commercial Software Included with PeopleTools 8.62 24
Open Source or Other Separately Licensed Software Included with PeopleTools 8.62 27
Chapter 4: Open Source Software License Text **51**
Academic Free License, Version 2.1 51
Angus Mail Licenses 53
Apache License, Version 1.1 59
Apache License, Version 2.0 60
Artistic License, Version 2.0 67
BSD 0-Clause License 69
BSD 2-Clause License 70
BSD 3-Clause License 71
BSD 3-Clause License (With Google Inc Reference) 71
Castor Licenses 72
cffi Licenses 74
Code Project Open License (CPOL) 75
Commons Compress Fourth-Party Licenses 79
Commons Digester Fourth-Party Licenses 80
Creative Commons Legal Code 81
cryptography Licenses 83
Curl Licenses 85
dashboards-maps Fourth-Party Licenses 87
dom4j License 99
Eclipse Distribution License, Version 1.0 100
Eclipse Parsson Licenses 101
Eclipse Public License, Version 1.0 103
Eclipse Public License, Version 2.0 107
ffi Licenses 115
fontconfig License 118
The FreeType Project License 119
geospatial Fourth-Party Licenses 123
Glassfish-ORB Licenses 123
GNU General Public License, Version 2 146
GNU General Public License, Version 3 151

Copyright © 1988, 2025, Oracle and/or its affiliates.

GNU Lesser General Public License, Version 2.1 170
GNU Lesser General Public License, Version 3 185
Guava Licenses 189
HdrHistogram License 194
highline License 194
HttpComponents HttpClient Fourth-Party Licenses 206
ICU License 207
ISC License 207
Jakarta XML Binding RI (JAXB) Licenses 208
jCrop Fourth-Party Licenses 214
JNA License 220
JRuby Licenses 220
jTidy License 229
Lexilla Licenses 230
libffi Licenses 261
Libssh2 License 262
libwebp Licenses 264
log4j-1.2-api Licenses 343
Log4j-API Licenses 344
log4j-core Licenses 345
log4j-jcl Licenses 346
log4j-slf4j-impl License 348
Logstash - OSS Licenses 350
Microsoft Public License (MS-PL) 415
Microsoft Software License Terms (Microsoft .Net Library) 416
Mina SSHD-common Fourth-Party Licenses 418
Mina SSHD-core Fourth-Party Licenses 420
Mina SSHD-scp Fourth-Party Licenses 423
minitar License 424
MIT License 426
Mouse License 426
Mozilla Public License, Version 1.1 427
Mozilla Public License, Version 2.0 434
netty Licenses 444
Nimbus JOSE+JWT Licenses 451
node.js License 452
OpenJpeg Licenses 480
OpenSSL License 487
Open XML SDK License 491
Oracle JET License 492
Oracle OpenSearch Dashboards Licenses 499
Oracle OpenSearch Dashboards Reports Licenses 917
Oracle OpenSearch Job Scheduler Licenses 1016
Oracle OpenSearch Licenses 1068
Oracle Opensearch Reports Scheduler Licenses 1084
OWASP Java HTML Sanitizer Licenses 1127
pip Licenses 1129
Pluto Fourth-Party Licenses 1141
POI Licenses 1143
pycparser License 1153
Python Licenses 1155

Copyright © 1988, 2025, Oracle and/or its affiliates.

Python Software Foundation License, Version 2 1175
pywinrm Licenses 1177
requests Licenses 1187
rfc4122 License 1189
Ruby Licenses 1190
Scintilla License 1212
Selenium DotNet Licenses 1213
Selenium IDE Licenses 1316
SIL Open Font License 1324
TIGER Cartography Boundary Data License 1327
Trio License 1328
Unicode License 1328
Unlicense License 1329
WSS4J Fourth-Party Licenses 1330
WTFPL 1336
Xerces2 Java License 1336
XML Security for Java Fourth-Party Licenses, Version 4.0.2 1337
Zlib Data Compression Library License 1339
Chapter 5: Licensing Information for Other Oracle Products 1341
Oracle Free Distribution, Hosting, and Use Terms and Conditions License 1341
Oracle Outside In Technology (OIT) Third-Party Notices and/or Licenses 1343
Oracle Outside In Technology Prerequisites, Entitled Products, and Restricted Use Licenses 1343
Open Source Software Included with Oracle Outside In Technology 1346
Oracle Tuxedo Third-Party Notices and/or Licenses 1376
Oracle Tuxedo Prerequisites, Entitled Products, and Restricted Use Licenses 1376
Add-on Products for Oracle Tuxedo 1376
Tuxedo Server Components 1376
Oracle Services Architecture Leveraging Tuxedo (SALT) 1377
Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus) 1377
Oracle Tuxedo Advanced Performance Pack 1379
Independent Products 1379
Open Source Software Included with Oracle Tuxedo 1380
Net-SNMP License 1380
Oracle Tuxedo Optimizations for Exalogic Elastic Cloud Software 1385
Oracle WebLogic Server Enterprise Edition Third-Party Notices and/or Licenses 1385
Open Source Software Included with Oracle WebLogic Server Enterprise Edition 1385
Apache Derby License 1484
Apache License Version 1 1484
Apache XMLBeans License 1485
Antlr License 1485
ASM License (3) 1486
ASM License (4) 1486
asm.jar License 1487
Attribution 2.5 License 1487
DOM License 1491
Eclipse Persistence Services Project (EclipseLink) 260 License 1491
Eclipse Public License 1492
jboss License 1492
Jcom from Integra 2.3 1499
Jython License 1499

Copyright © 1988, 2025, Oracle and/or its affiliates.

Netscape LDAP License..... 1502
Oasis WS-Security 1 XML Schema License.....1504
Public Domain License..... 1505
Serp License..... 1506
xhtml License..... 1507
Chapter 6: Additional Java Information..... 1509
Java SE 21 JDK Third-Party Notices and/or Licenses.....1509

Copyright © 1988, 2025, Oracle and/or its affiliates.

Chapter 1

Introduction

Licensing Introduction

This Licensing Information document is a part of the product or program documentation under the terms of your Oracle license agreement and is intended to help you understand the program editions, entitlements, restrictions, prerequisites, special license rights, and/or separately licensed third party technology terms associated with the Oracle software program(s) covered by this document (the "Program(s)").

Entitled or restricted use products or components identified in this document that are not provided with the particular Program may be obtained from the Oracle Software Delivery Cloud website (https://edelivery.oracle.com) or from media Oracle may provide. If you have a question about your license rights and obligations, please contact your Oracle sales representative, review the information provided by Global Pricing and Licensing (https://www.oracle.com/corporate/pricing/), and/or contact the applicable Oracle License Management Services representative listed on https://www.oracle.com/corporate/license-management-services/.

Covered Products and Releases

The following Oracle products are covered by this document:

- PeopleSoft Enterprise Learning Management 9.2
- PeopleSoft PeopleTools 8.62

Note: For previous PeopleTools releases, see the document titled *Licensing Information User Manual for PeopleSoft PeopleTools* for the release you selected on Oracle Help Center (OHC).

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Chapter 2

PeopleSoft Enterprise Learning Management 9.2 Licensing

PeopleSoft ELM 9.2 Licensing Information

PeopleSoft ELM 9.2 Prerequisites, Entitled Products, and Restricted Use Licenses

Product	*Subproduct*	*Licensing Information*
PeopleSoft Enterprise Learning Management	Not applicable	*Entitled Products and Restricted Use Licenses* The customer may use PeopleSoft PeopleTools to develop interfaces and modifications, including creation of new application data tables, only to the licensed PeopleSoft application(s). When you license any PeopleSoft application, you automatically receive a restricted use license to PeopleSoft PeopleTools, as described in the licensing information for your PeopleSoft application(s). For any customer who is current on maintenance for their purchased PeopleSoft pillar products, they can build custom components using PeopleTools at no additional cost. A customer must purchase a separate Enterprise Development license for PeopleSoft PeopleTools if they choose to build a solution that sits outside of a delivered pillar solution. The PeopleTools Enterprise Development license cannot be used to provide maintenance for PeopleSoft pillar products. Functionality developed by the customer cannot replicate any functionality or functional area that PeopleSoft delivers as a product unless the customer has also licensed the replicated product. See PeopleTools 8.62 Licensing Information for licensing information that applies to PeopleTools.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	*Subproduct*	*Licensing Information*
PeopleSoft Enterprise Learning Management	Not applicable	*Entitled Products and Restricted Use Licenses* *Third Party Images Provided with Sample Data* Restricted Use: This Oracle software product includes sample images from Corbis Corporation (Corbis) that are provided for Oracle's demonstration purposes only. The images and their respective owners are listed in the Enterprise Learning Management documentation. You do NOT receive a license to use the images under your agreement with Oracle. If you wish to use the images you must separately license them from Corbis, pursuant to the contact information listed below. To access the documentation, navigate to the Oracle Help Center at https://docs.oracle.com/en/applications/peoplesoft/enterprise-learning-management/index.html. Select: • (PDF version) The **PeopleBooks (PDF)** link. On the page that appears, select the **PeopleSoft ELM 9.2: Enterprise Learning Management** link. Within the PDF file, navigate to chapter “Third Party Images Provided with Sample Data," Using Third Party Images Provided with Sample Data. • (HTML version) The **Online Help (HTML)** link. On the left panel of the home page that appears, navigate to Products > Learning Management > PeopleSoft Enterprise Learning Management > Third Party Images Provided with Sample Data > Using Third Party Images Provided with Sample Data. Corbis Contact Information website: Corbis.com Customer Service, Support, and Purchasing phone: +1.800.260.0444 e-mail: sales@corbis.com

PeopleSoft ELM 9.2 Third-Party Notices and/or Licenses

Open Source or Other Separately Licensed Software Included with PeopleSoft ELM 9.2

Required notices for open source software products or components distributed with the products are identified in the following table along with the applicable licensing information.

Provider	*Component*	*Licensing Information*
Fergus McDowall	Stopword	Copyright (c) 2015 Fergus McDowall Licensing is governed by the MIT license (MIT). For a copy of the license, see MIT License.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Matt Zabriskie	Axios	Copyright (c) 2014-present Matt Zabriskie Licensing is governed by the MIT License (MIT). For a copy of the license, see MIT License. —separator— FOURTH-PARTY DEPENDENCY follow-redirects Copyright 2014–present Olivier Lalonde <olalonde@gmail.com>, James Talmage <james@talmage.io>, Ruben Verborgh For a copy of the license, see MIT License.

Copyright © 1988, 2025, Oracle and/or its affiliates.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Chapter 3

PeopleSoft PeopleTools 8.62 Licensing

PeopleTools 8.62 Licensing Information

PeopleTools 8.62 Product Editions and Permitted Features

When you license any PeopleSoft application, you automatically receive a restricted use license to PeopleSoft PeopleTools, as described in the licensing information for your PeopleSoft application(s).

For any customer who is current on maintenance for their purchased PeopleSoft pillar products, they can build custom components using PeopleTools at no additional cost. A customer must purchase a separate Enterprise Development license for PeopleSoft PeopleTools if they choose to build a solution that sits outside of a delivered pillar solution. The PeopleTools Enterprise Development license cannot be used to provide maintenance for PeopleSoft pillar products. Functionality developed by the customer cannot replicate any functionality or functional area that PeopleSoft delivers as a product unless the customer has also licensed the replicated product. Should you choose to purchase a separate license for PeopleSoft PeopleTools as a standalone product (in addition to the restricted use license included with PeopleSoft applications), the following editions are available:

- PeopleTools - Enterprise Development

  Notwithstanding anything in the applicable license agreement to the contrary, PeopleTools - Enterprise Development shall be used solely to develop applications for internal data processing operations. In no event shall the customer market or distribute such applications.

- PeopleTools - Enterprise Development Starter Kit

  Notwithstanding anything in the applicable license agreement to the contrary, PeopleTools - Enterprise Development Starter Kit shall be used solely by 5 named users to develop applications containing no more than a total of 20 components (as defined in the program documentation) for your internal data processing operations. In no event shall you market or distribute such applications.

Copyright © 1988, 2025, Oracle and/or its affiliates.

PeopleTools 8.62 Prerequisites, Entitled Products, and Restricted Use Licenses

Product	*Subproduct or Functional Area*	*Licensing Information*
Oracle JDK	Application Server, Batch Server and Life Cycle Management (LCM)	*Entitled Products and Restricted Use Licenses* A license to Oracle PeopleSoft PeopleTools includes a restricted use license for Oracle Java SE, solely for running Oracle PeopleSoft PeopleTools. Support of Oracle Java SE is limited to support of Oracle PeopleSoft PeopleTools. In the above case: (a) Use of the applicable Oracle Java SE edition in the manner or order listed above in this section, shall be pursuant to the terms and conditions applying to your use of the corresponding Oracle PeopleSoft PeopleTools. (b) If you use an Oracle Java SE edition in any other way than as set forth above in this section, your use of Oracle Java SE shall be subject to the terms set forth at: https://java.com/otnlicense. Also see Java SE 21 JDK Third-Party Notices and/or Licenses.
Oracle JavaScript Extension Toolkit (JET)	Charting	*Entitled Products and Restricted Use Licenses* For a copy of the license, see Oracle JET License.
PeopleSoft Application Products	PeopleSoft Update Images (PIs)	PeopleSoft Update Images (PIs) are comprised of Deployment Packages (DPKs) and are available as VirtualBox and Native OS downloads. The PI deployment includes a pre-configured PeopleSoft application database on an Oracle database platform. PeopleSoft customers are not required to obtain an additional Oracle database license for the PIs used for non-production activities such as maintenance, new feature delivery, and demonstration purposes. The VirtualBox PI uses Oracle cross-platform virtualization software called Oracle VM VirtualBox. The PI is offered with Oracle Enterprise Linux as the guest operating system and with Oracle Database as the RDBMS. The Oracle VM VirtualBox is a fully supported software product from Oracle for which professional support licenses are available. However, Oracle does support all VirtualBox usage with PUM without a professional support license.
PeopleSoft PeopleTools	Application Server	*Entitled Products and Restricted Use Licenses* The Oracle Tuxedo license included with PeopleTools is a restricted use license that may only be used to run PeopleSoft applications. The use of this Tuxedo license outside of the scope of PeopleSoft applications is not permitted. Also see Oracle Tuxedo Third-Party Notices and/or Licenses.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	*Subproduct or Functional Area*	*Licensing Information*
PeopleSoft PeopleTools	Cloud Manager	*Prerequisite Products* PeopleSoft Cloud Manager creates and maintains PeopleSoft environments on Oracle Cloud. For a customer to deploy and use PeopleSoft Cloud Manager, an Oracle Cloud Infrastructure as a Service (Oracle Cloud IaaS) subscription with sufficient capacity is required. A customer using PeopleSoft Cloud Manager is required to have separately purchased licenses for all of the PeopleSoft application products that will be installed/managed by PeopleSoft Cloud Manager for Oracle Cloud. To run PeopleSoft COBOL modules on Oracle Cloud, the customer is required to separately purchase a license for the Rocket Software Visual COBOL for Linux and UNIX for PeopleSoft Compiler product. All PeopleSoft environments provisioned by the PeopleSoft Cloud Manager for Oracle Cloud will require the Oracle Database. Customers may choose a subscription to Oracle Database Cloud Service (DBCS) or Oracle Database Exadata Cloud Service (Exadata Service) to obtain a database license to run their PeopleSoft applications. For development and test environments, a database license may be purchased to use with a PeopleSoft database running on Oracle Cloud IaaS. Customers using PeopleSoft Cloud Manager to deploy PeopleSoft production environments are required to use either a DBCS or Exadata Service subscription for the provisioned database(s). PeopleSoft Cloud Manager can enable the monitoring of PeopleSoft environments on Oracle Cloud through Oracle Enterprise Manager, hosted on-premises. Customers using this monitoring feature must separately purchase licenses for the following products: • Oracle Enterprise Manager • Oracle Hybrid Agent • Oracle Application Management Pack for PeopleSoft This Oracle software product includes the Oracle Database Cloud Backup Module (“ODCBM”). A license to Oracle Database Backup Cloud Service is a prerequisite to use ODCBM. *Entitled Products and Restricted Use Licenses* As a licensee of PeopleTools, you are entitled to install and configure the PeopleSoft Cloud Manager within Oracle Cloud. The Cloud Manager is an application that can be obtained from Oracle Cloud Marketplace. Cloud Manager ships on top of a PeopleSoft Interaction Hub database; however only Cloud Manager functionality is supported from the PeopleSoft Cloud Manager installation from Oracle Cloud Marketplace. PeopleSoft Interaction Hub functionality is not supported from the Cloud Manager installation. For PeopleSoft Interaction Hub functionality, please separately download and install the PeopleSoft Interaction Hub product. PeopleSoft Cloud Manager requires the use of Oracle Database 19c. As a licensee of PeopleTools, you are granted a restricted use license of Oracle Database Standard Edition 2 for the sole purpose of running PeopleSoft Cloud Manager on Oracle Cloud Infrastructure as a Service (Oracle Cloud IaaS).

Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	***Subproduct or Functional Area***	***Licensing Information***
PeopleSoft PeopleTools	Database Server	*Prerequisite Products* PeopleTools supports and provides integration with Oracle Transparent Database Encryption (TDE) technology. TDE is a separately licensed product. TDE is bundled with Oracle Advanced Security Options (ASO).
PeopleSoft PeopleTools	Life Cycle Management (LCM)	*Entitled Products and Restricted Use Licenses* • Oracle's ojdbc11.jar is included with PeopleTools Change Impact Analyzer feature and is restricted to use in conjunction with running PeopleSoft applications. Also see Oracle Free Distribution, Hosting, and Use Terms and Conditions License. • Oracle’s JEWT4.jar and Share.jar are included with PeopleSoft Change Assistant feature and are restricted to use in conjunction with running PeopleSoft applications.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	*Subproduct or Functional Area*	*Licensing Information*
PeopleSoft PeopleTools	Mobile Archive	*Entitled Products and Restricted Use Licenses* PeopleSoft application programs include a mobile application archive or library ("Mobile Archive") based on Oracle Mobile Application Framework Foundation. Your use of the Mobile Archive is limited to the following activities: • Inserting your brand or logo where indicated (removing Oracle's brands and logos, if any) in the Mobile Archive. • Modifying the Mobile Archive as permitted by the "Oracle Mobile Application Framework Foundation" section below. • Compiling, completing, and signing the Mobile Archive with your own mobile operating system-specific certificate(s), thereby creating a mobile application ("Mobile Application"). • Distributing the Mobile Application within your enterprise or entity to your internal users and/or to your third party end users ("End Users"). You may not distribute the Mobile Archive to End Users except those internal End Users involved with modifying, compiling, completing, and signing the Mobile Archive. With respect to creating a Mobile Application, you acknowledge that you must separately agree to and abide by license terms with the applicable mobile operating system provider and possibly other third parties. For example, for iOS applications, you agree that the Mobile Application, in whole or in part, may not be installed on a mobile device or executed except as incorporated into an iOS application that has been signed using an appropriate Apple-issued certificate that you obtained directly from Apple and that is deployed in full compliance with your agreement with Oracle (including these terms) and license terms set forth in a separate agreement between you and Apple. Any Mobile Application distribution to End Users must be subject to a legally binding end user license agreement (the "EULA") between you and each End User pertaining to the Mobile Application that must, at a minimum, contain the following terms: a) Include acknowledgements by you and the End User that the EULA is concluded between you and the End User only and that the following apply: i. You are solely responsible for each Mobile Application's content, maintenance, and support. ii. You are solely responsible for addressing, settling, and discharging any claims of the End User or any third party relating to the Mobile Application or the End User's possession and/or use of that Mobile Application, including, but not limited to product liability claims; any claim that the Mobile Application fails to conform to any applicable legal or regulatory requirement; any claims arising under consumer protection or similar legislation; and any claims that the End User's possession and use of that Mobile Application infringes a third party's intellectual property rights. b) Provide only a non-transferable, terminable license to the End User that prohibits (i) modifying or creating derivative works or (ii) decrypting, decompiling, reverse engineering, disassembling or attempting to derive the Mobile Application source code (unless such actions are expressly permitted by applicable law). c) Notify the End User that the Mobile Application is subject to a restricted license and can be used only in conjunction with the specific Oracle-based solution(s) for which it is designed.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	*Subproduct or Functional Area*	*Licensing Information*
		d) Provide no limitation of your liability to the End User beyond what is permitted by applicable law. e) Require the End User to comply fully with all relevant export laws and regulations of the U.S. and other applicable export and import laws to assure that the Mobile Application, nor any direct products thereof, is exported, directly or indirectly, in violation of applicable laws. f) State in the EULA your name and address to which any End User questions, complaints or claims with respect to the Mobile Application can be directed. g) State in the EULA that the End User must comply with applicable third-party terms when using the Mobile Application and that third-party components that may be appropriate or necessary for use with the Mobile Application are specified in the documentation for that program (or as otherwise notified by you) and that those third party components are licensed to the End User only for use with the Mobile Application under the terms of the third party license agreement specified in the documentation for that program (or as otherwise notified by you) and not under the terms of the EULA. h) State that the licenses provided in the EULA automatically terminate upon breach of the EULA terms and in addition that the licenses provided in the EULA may be terminated upon notice. i) State that upon termination of the EULA the End User must discontinue all use of the Mobile Application and to delete all copies of the Mobile Application. j) Disclaim in the EULA, to the extent permitted by applicable law, a third party's liability for (a) any damages, whether direct, indirect, incidental, special, punitive or consequential, and (b) any loss of profits, revenue, data or data use, arising from use of the Mobile Application. k) Designate Oracle as a third party beneficiary. Oracle will have the right to enforce the EULA against the End Users. l) State that your licensors retain all ownership and intellectual property rights in the Mobile Application. You agree to inform Oracle promptly if you are aware of any breach of the EULA. You agree to be financially responsible to Oracle for all damages or losses caused by your failure to include the required contractual terms set forth above in each EULA between you and an End User.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	*Subproduct or Functional Area*	*Licensing Information*
PeopleSoft PeopleTools	Oracle Mobile Application Framework Foundation	*Entitled Products and Restricted Use Licenses* Oracle Mobile Application Framework Foundation (“MAF Foundation”) is included as a *restricted use component*. The following sections describe the applicable MAF Foundation usage rights and restrictions. The section titled “MAF Foundation Capabilities That May Be Used” below lists the MAF Foundation capabilities that may be used and what, if any, restrictions apply. The section titled “MAF Foundation Capabilities That May Not Be Used” below lists the MAF Foundation capabilities that may be not used. Any use of the capabilities described in the latter section requires an appropriate quantity of full use licenses for (a) Oracle Mobile Application Framework, or (b) Oracle Mobile Suite and Oracle Mobile Suite Client Runtime. MAF Foundation is the version of Oracle Mobile Application Framework that is restricted for use as described in this document. When MAF Foundation is included as a component within another Oracle product (the “Primary Product”) then, depending on the particular Primary Product, MAF Foundation may be included in the Primary Product, may be separately downloaded from Oracle Software Delivery Cloud, or may be downloaded as an extension to Oracle JDeveloper. JDeveloper is a prerequisite to using MAF Foundation and must be downloaded from Oracle Technology Network (“OTN”); see http://www.oracle.com/technetwork/developer-tools/jdev/downloads/index.html). Notwithstanding any other terms, use of JDeveloper is subject to the OTN license agreement associated with JDeveloper; view the license agreement at http://www.oracle.com/technetwork/licenses/jdev-license-152012.html. *Definitions* “Application Archive” refers to the MAF Foundation mobile application archive, which is an Oracle proprietary mobile application deployment format that can only be used with Oracle supported development tools. It is not related to or based on any non-Oracle application archive format, including iOS application archives. “Application Executable” refers to a mobile application executable installation file, such as an apk or ipa file. “Application Workspace” refers to a series of files making up the source code of a mobile application developed using MAF Foundation. “Data Control” refers to MAF Foundation mobile application artifacts that provides standard metadata interfaces to business services (such as web services) accessed by the mobile application. “Feature” refers to specific MAF Foundation mobile application artifacts that are the building blocks of a mobile application, where each Feature integrated into the mobile application performs a specific set of tasks. *MAF Foundation Capabilities That May Be Used* • Sign and deploy Application Archive or Application Workspace into an Application Executable. You may sign the mobile application with the appropriate certificates, and deploy the Application Archive or Workspace into an Application Executable. • Make modifications to an Application Archive as specified, except as listed in “MAF Foundation capabilities that may be not used”.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	Subproduct or Functional Area	Licensing Information
		The following modifications to Application Archives are allowed. For details of how to work with MAF Foundation Application Archives, consult the Mobile Application Framework Developer Guide. i. Deploy a browser-based Oracle mobile application into MAF Foundation to run as Remote URL Feature(s). ii. Access device-native services such as the notification framework or camera. iii. Change branding details such as mobile application/navigation bar icons and skins. iv. Modify business logic components and the user interface of the mobile application to align with your implemented business processes and customizations in the associated Oracle non-mobile application(s). • Distribute Application Executable generated from Application Archive or Application Workspace. You may distribute the Application Executable generated from an Application Archive to the extent permitted by, and in full compliance with, (a) the Oracle license terms associated with the Primary Product, and (b) any applicable third-party distribution terms and conditions required either by the mobile operating system provider or the application distribution platform provider (e.g., Apple Inc., Google, Inc.). • Manage the mobile application using mobile application management (MAM) solutions. You may use MAM solutions with mobile applications generated from an Application Archive; for example, wrapping the mobile application binaries with the containers provided by the MAM solution. *MAF Foundation Capabilities That May Not Be Used* • Add a new Mobile Application Framework Feature. You may NOT add a new MAF Feature such as AMX or Local HTML-based features, except when embedding a web-based Oracle Application as a Remote URL Feature. • Add a Remote URL Feature to Applications outside of App License Agreement. You may NOT add a Remote URL Feature pointing to any application or features that are not part of the Primary Product. For example, for an Application Archive shipped as part of the Oracle PeopleSoft application, add a Remote URL Feature pointing to Oracle Siebel CRM application or to third party applications. • Add a new MAF Data Control. You may NOT add a new Data Control to the MAF-based mobile Application Archive or Application Workspace. For example, a Web Service Data Control that exposes backend data services or a Bean Data Control that exposes custom Java code to the application’s user interface.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	*Subproduct or Functional Area*	*Licensing Information*
		Any use of these capabilities requires an appropriate quantity of full use licenses for (a) Oracle Mobile Application Framework, or (b) Oracle Mobile Suite and Oracle Mobile Suite Client Runtime.
PeopleSoft PeopleTools	MultiChannel Framework	*Prerequisite Products* If you are using a Cisco Computer Telephony Integration (CTI) system with the PeopleSoft CTI Java applet console, the assumption is that you already have a functioning and appropriately licensed Cisco system configured at your site. The Cisco Java API is shipped as part of the CTI applet; however, no other Cisco products are shipped with the PeopleSoft system. If you use Cisco CTI, you need a Cisco ICM Central Controller Server installed and configured before you begin installing your PeopleSoft CTI system. Your PeopleSoft application may require an IVR supported by Cisco and capable of passing call data to Cisco. This enables CTI components to attach data to incoming calls. For detailed information about specific PeopleSoft-supported versions, refer to My Oracle Support in the certifications area.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	*Subproduct or Functional Area*	*Licensing Information*

PeopleSoft PeopleTools	PeopleSoft Interaction Hub	*Entitled Products and Restricted Use Licenses*
		
		As a licensee of PeopleTools, you are entitled to install and configure a PeopleSoft Interaction Hub database and use the following restricted set of PeopleSoft Interaction Hub capabilities:
		
		• User Experience Capabilities
		
		  • Unified Navigation Framework – A common navigation interface for multiple PeopleSoft applications:
		
		  The Unified Navigation Framework federates all PeopleSoft application nodes in one common menu so users can access features of multiple PeopleSoft applications from a single system menu.
		
		  The Unified Navigation WorkCenter is provided to manage and configure PeopleSoft unified navigation.
		
		  • PeopleSoft Interaction Hub Branding Framework - Facilitates branding across the entire PeopleSoft application infrastructure.
		
		  • Email and Calendar Integration – The delivered pagelets can be used anywhere in the system.
		
		  • Unified worklists and tasks.
		
		• **Collaborative Capabilities**
		
		• Use of Collaborative Workspaces including all delivered Workspace modules. Consuming the Workspace modules data anywhere in the system via pagelets or related services.
		
		• Related Content services – Discussions, Tags and Links – in any PeopleSoft application transaction.
		
		The use of any PeopleSoft Interaction Hub capabilities not listed above requires the purchase of an unrestricted license.
		
		As a licensee of PeopleTools, you are authorized to use the following basic “portal” functions included within the base PeopleTools product:
		
		• Personalize and customize the application homepage.
		
		• Create homepage tabs in the PeopleTools database.
		
		• Consume pagelets between PeopleSoft applications.
		
		• Consume JSR168 content from non-PeopleSoft applications or web sites if licensed by the third-party to do so.
		
		You can easily extend an Application Portal Pack by creating additional pagelets and navigation pages using the portal capabilities included in PeopleTools.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	*Subproduct or Functional Area*	*Licensing Information*
PeopleSoft PeopleTools	PeopleSoft Interaction Hub—Demo Database	*Entitled Products and Restricted Use Licenses* *Third Party Images Provided with Sample Data* Restricted Use: This Oracle software product includes sample images from Corbis Corporation (Corbis) and Getty Images (Getty) that are provided for Oracle's demonstration purposes only. The images and their respective owners are listed in the PeopleSoft Portal Solutions 9.1 documentation for *PeopleSoft Interaction Hub: Portal and Site Administration.* You do NOT receive a license to use the images under your agreement with Oracle. If you wish to use the images you must separately license them from Corbis or Getty, pursuant to the contact information listed below. To access the documentation, navigate to the Oracle Help Center at https://docs.oracle.com/en/applications/peoplesoft/interaction-hub/index.html. Select: • (PDF version) The **PeopleBooks (PDF)** link. On the page that appears, select the **PeopleSoft Interaction Hub 9.1: Portal and Site Administration** link. Within the PDF file, navigate to chapter "Getting Started With PeopleSoft Interaction Hub," Using Third Party Images Provided with Sample Data. • (HTML version) The **Online Help (HTML)** link. On the left panel of the home page that appears, navigate to Products > PeopleSoft Interaction Hub > Portal and Site Administration > Getting Started With PeopleSoft Interaction Hub > Using Third Party Images Provided with Sample Data. Corbis and Getty Contact Information Corbis website: Corbis.com Customer Service, Support, and Purchasing phone: +1.800.260.0444 e-mail: sales@corbis.com Getty Getty website: Gettyimages.com Customer Service, Support, and Purchasing phone: +1.323.202.4070 e-mail: customersupport.west@gettyimages.com

Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	*Subproduct or Functional Area*	*Licensing Information*
PeopleSoft PeopleTools	Reporting	*Entitled Products and Restricted Use Licenses* • Oracle Business Intelligence Publisher (Oracle BI Publisher) is bundled and included free of additional cost with PeopleTools. Oracle BI Publisher features are used by PeopleSoft applications to implement online and scheduled reporting functionality. You may use this functionality to create custom reports or to modify delivered reports without requiring the purchase of a separate full-use license for Oracle BI Publisher. Custom or modified reports are limited to data that resides within the PeopleSoft application(s) licensed to you. No license is granted to use Oracle BI Publisher for any other purpose; you must obtain a separate full-use license from Oracle in order to use Oracle BI Publisher for any other purpose. • Oracle's Outside In Technology (OIT) product is included with PeopleTools and is restricted to use in conjunction with running PeopleSoft applications. Also see Oracle Outside In Technology (OIT) Third-Party Notices and/or Licenses.
PeopleSoft PeopleTools	Security	*Prerequisite Products* The PGP® secure messaging algorithms are available when you license the PGP encryption library from Symantec Corporation, compile the sample glue code, and load the library into the PET database. Use of the PGP® encryption functionality accessible through the Encryption Technology requires a specific license grant from Symantec Corporation. See http://www.symantec.com/products-solutions/families/?fid=encryption to inquire about purchasing the required license.
PeopleSoft PeopleTools	Web Server	*Entitled Products and Restricted Use Licenses* Oracle WebLogic Server Enterprise Edition is supplied with Oracle PeopleSoft PeopleTools and some Oracle PeopleSoft applications for use in the PeopleSoft products. As an Oracle PeopleSoft customer, you are granted a restricted use license of Oracle WebLogic Server Enterprise Edition to run PeopleTools or the applicable applications at no additional cost. **Note:** The provided license does not grant rights to use Oracle WebLogic Server for development of, or execution of, applications not delivered as part of PeopleSoft applications. Also see Oracle WebLogic Server Enterprise Edition Third-Party Notices and/or Licenses.

PeopleTools 8.62 Third-Party Notices and/or Licenses

Commercial Software Included with PeopleTools 8.62

Commercial software products or components distributed with the products are identified in the following table along with the applicable licensing information.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Microsoft Corporation	Microsoft VSTO Plugin	DISCLAIMER OF WARRANTY. THE SOFTWARE IS LICENSED "AS-IS." YOU BEAR THE RISK OF USING IT. MICROSOFT GIVES NO EXPRESS WARRANTIES, GUARANTEES OR CONDITIONS. YOU MAY HAVE ADDITIONAL CONSUMER RIGHTS UNDER YOUR LOCAL LAWS WHICH THIS AGREEMENT CANNOT CHANGE. TO THE EXTENT PERMITTED UNDER YOUR LOCAL LAWS, MICROSOFT EXCLUDES THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. LIMITATION ON AND EXCLUSION OF REMEDIES AND DAMAGES. YOU CAN RECOVER FROM MICROSOFT AND ITS SUPPLIERS ONLY DIRECT DAMAGES UP TO U.S. $5.00. YOU CANNOT RECOVER ANY OTHER DAMAGES, INCLUDING CONSEQUENTIAL, LOST PROFITS, SPECIAL, INDIRECT OR INCIDENTAL DAMAGES. This limitation applies to anything related to the software, services, content (including code) on third party Internet sites, or third party programs; and claims for breach of contract, breach of warranty, guarantee or condition, strict liability, negligence, or other tort to the extent permitted by applicable law. It also applies even if Microsoft knew or should have known about the possibility of the damages. The above limitation or exclusion may not apply to you because your country may not allow the exclusion or limitation of incidental, consequential or other damages.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Oracle Corporation	Oracle Berkeley DB Java Edition	ASM: a very small and fast Java bytecode manipulation framework Copyright (c) 2000-2005 INRIA, France Telecom All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Vantage Learning	Vantage 1.4.2 IntelliWriter ProofReader	Copyright (c) 2009, Vantage All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. Neither the name of the <ORGANIZATION> nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Open Source or Other Separately Licensed Software Included with PeopleTools 8.62

Required notices for open source software products or components distributed with the products are identified in the following table along with the applicable licensing information.

Provider	*Component*	*Licensing Information*
Ahmed Tahri	charset-normalizer	Copyright: Ahmed Tahri License: MIT ./LICENSE MIT License Copyright (c) 2019 TAHRI Ahmed R. For a copy of the license, see MIT License.

Provider	*Component*	*Licensing Information*
Alexey Diyan	pywinrm	Copyright (c) 2013 Alexey Diyan For a copy of the license, see MIT License. This open source includes fourth-party dependencies. For a copy of these licenses, see pywinrm Licenses.
Andrey Petrov	urllib3	Copyright (c) 2008-2020 Andrey Petrov and contributors (see CONTRIBUTORS.txt) For a copy of the license, see MIT License.
Anthony Green, Red Hat, Inc and others	libffi	libffi - Copyright (c) 1996-2024 Anthony Green, Red Hat, Inc and others. For a copy of the licenses used by LibFFI Library, see libffi Licenses.
Armin Rigo, Maciej Fijalkowski	cffi	Copyright: Armin Rigo, Maciej Fijalkowski For a copy of the license, see cffi Licenses.
Austin Ziegler	minitar	Copyright 2004–2017 Austin Ziegler. Portions copyright 2004 Mauricio Julio Fernández Pradier. For a copy of the license, see minitar License.
Ben Toews	requests-ntlm	Copyright (c) 2013 Ben Toews For a copy of the license, see ISC License.
Benjamin Peterson	six	Copyright (c) 2010-2020 Benjamin Peterson For a copy of the license, see MIT License.
Bjorn Reese and Daniel Stenberg	trio	Copyright (C) 1998-2001 by Bjorn Reese and Daniel Stenberg For a copy of the license, see Trio License.
CKSource Frederico Knabben	CKEditor	Copyright (c) 2003-2023, CKSource - Frederico Knabben. All rights reserved.
Code Project	Ultimate Grid	For a copy of the license, see Code Project Open License (CPOL).
Codehaus	Jettison	Copyright 2006 Envoi Solutions LLC For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Connect2id Ltd.	Nimbus JOSE+JWT	Copyright 2012 - 2022, Connect2id Ltd. For a copy of the licenses used by Nimbus JOSE+JWT, see Nimbus JOSE +JWT Licenses.
Daniel J. Berger	ffi-win32-extensions	(C) 2016 Daniel J. Berger, All Rights Reserved For a copy of the license, see Apache License, Version 2.0.
Daniel J. Berger	sys-filesystem	Copyright (C) 2003-2020 Daniel J. Berger All Rights Reserved Warranty This library is provided "as is" and without any express or implied warranties, including, without limitation, the implied warranties of merchantability and fitness for a particular purpose. Author Daniel J. Berger For a copy of the license, see Apache License, Version 2.0. 4th party dependency: 1. ffi
Daniel J. Berger	Win32-dir	Copyright (C) 2003-2015 Daniel J. Berger All Rights Reserved This program contains the following third-party code:win32-dir, Version: 0. 7.2. Under the terms of the win32-dir license, Oracle is required to provide the following notices. Note, however, that the Oracle program license that accompanied this product determines your right to use the Oracle program, including the win32-dir software, and the terms contained in the following notices do not change those rights. Source code for win32-dir may be obtained at: http://www.oracle.com/technetwork/opensource/opensource-code-1366576. html For a copy of the license, see Artistic License, Version 2.0.
Daniel J. Berger	win32-process	Copyright (C) 2003-2015 Daniel J. Berger All Rights Reserved For a copy of the license, see Artistic License, Version 2.0.
Daniel J. Berger	win32-service	Copyright (C) 2003-2018, Daniel J. Berger, All Rights Reserved For a copy of the license, see Artistic License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Daniel Stenberg	Curl	Copyright (c) 1996 - 2024, Daniel Stenberg, <daniel@haxx.se>, and many contributors, see the THANKS file. All rights reserved. For a copy of licenses used by Curl, see Curl Licenses.
Eclipse Foundation	Angus Mail	For a copy of the license, see Angus Mail Licenses.
Eclipse Foundation	Eclipse Parsson	Eclipse Parsson (org.eclipse.parsson:parsson) Copyright (c) 2011, 2023 Oracle and/or its affiliates. All rights reserved. For a copy of licenses used by Eclipse Parsson, see Eclipse Parsson Licenses.
Eclipse Foundation	Glassfish-ORB	For a copy of the licenses used by Glassfish-ORB, see Glassfish-ORB Licenses.
Eclipse Foundation	Jakarta XML Binding RI (JAXB)	Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved. For a copy of the licenses used by JAXB, see Jakarta XML Binding RI (JAXB) Licenses.
Elasticsearch	Logstash - OSS	Copyright 2009-2021 Elasticsearch For a copy of the license, see Apache License, Version 2.0. For a copy of the licenses used by Logstash - OSS, see Logstash - OSS Licenses.
Eli Bendersky	pycparser	Copyright (c) 2008-2022, Eli Bendersky For a copy of the license, see pycparser License.
ExoLab Group, Intalio, Inc.	Castor	Copyright 1999-2004 (C) Intalio Inc., and others. All Rights Reserved. For a copy of the license, see Castor Licenses.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Freedesktop.org	fontconfig	Copyright © 2000,2001,2002,2003,2004,2006,2007 Keith Packard Copyright © 2005 Patrick Lam Copyright © 2009 Roozbeh Pournader Copyright © 2008,2009 Red Hat, Inc. Copyright © 2008 Danilo Šegan Copyright © 2012 Google, Inc. For a copy of the license, see fontconfig License.
Gerhard Weis	isodate	Copyright: Gerhard Weis License: BSD 3-Clause ./LICENSE Copyright (c) 2021, Hugo van Kemenade and contributors Copyright (c) 2009-2018, Gerhard Weis and contributors Copyright (c) 2009, Gerhard Weis All rights reserved. For a copy of the license, see BSD 3-Clause License.
Google	Guava	Copyright (C) 2024 The Guava Authors For a copy of the licenses used by Guava, see Guava Licenses.
Google Fonts / Lasse Fister	Libre Barcode 128 (Google Font)	Copyright 2017-2019 The Libre Barcode Project Authors (https://github.com/graphicore/librebarcode) For a copy of the license, see SIL Open Font License.
Google Fonts / Lasse Fister	Libre Barcode 39	Copyright 2017-2019 The Libre Barcode Project Authors (https://github.com/graphicore/librebarcode) For a copy of the license, see SIL Open Font License.
Ingy döt Net	libYAML	Copyright (c) 2017-2020 Ingy döt Net Copyright (c) 2006-2016 Kirill Simonov For a copy of the license, see MIT License.
James Edward Gray II	highline	For a copy of the license, see highline License.

Provider	*Component*	*Licensing Information*
Jason R. Coombs	setuptools	For a copy of the license, see MIT License.
Jean-loup Gailly and Mark Adler	Zlib Data Compression Library Version 1.31	(C) 1995-2024 Jean-loup Gailly and Mark Adler For a copy of the license, see Zlib Data Compression Library License.
Jerry D'Antonio	concurrent-ruby	https://github.com/ruby-concurrency/concurrent-ruby/blob/master/LICENSE.txt Copyright (c) Jerry D'Antonio -- released under the MIT license. http://www.opensource.org/licenses/mit-license.php For a copy of the license, see MIT License.
Jordan Borean	ntlm-auth	Copyright (c) 2018 Jordan Borean, Red Hat For a copy of the license, see MIT License.
Jordan Borean	pyspnego	Copyright (c) 2020 Jordan Borean, Red Hat For a copy of the license, see MIT License.
JS Foundation and other contributors	jQuery	Copyright OpenJS Foundation and other contributors, https://openjsf.org/ For a copy of the license, see MIT License.
JSON.org	JSON in Java	Public Domain.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Kenneth Reitz	certifi	Copyright: Kenneth Reitz License: MPL 2.0 ./LICENSE This package contains a modified version of ca-bundle.crt: ca-bundle.crt -- Bundle of CA Root Certificates This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree: https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.# ***** BEGIN LICENSE BLOCK ***** This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/. ***** END LICENSE BLOCK ***** @(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $ ---------- Separator ---------- https://www.mozilla.org/en-US/MPL/2.0/ Mozilla Public License Version 2.0 Mozilla Public License, Version 2.0 ---------- Separator ----------
Kenneth Reitz	requests	Copyright 2019 Kenneth Reitz For a copy of the license, see requests Licenses.

Provider	*Component*	*Licensing Information*
Kim Davies	idna	Copyright (c) 2013-2024, Kim Davies and contributors. All rights reserved. For a copy of the license, see BSD 3-Clause License.
Kirill Simonov	PyYAML	Copyright: Kirill Simonov License: MIT ./LICENSE Copyright (c) 2017-2021 Ingy döt Net Copyright (c) 2006-2016 Kirill Simonov For a copy of the license, see MIT License.
Mark Pilgrim	chardet	© Copyright 2015, Mark Pilgrim, Dan Blanchard, Ian Cordasco Revision 9d620b22. For a copy of the license, see GNU Lesser General Public License, Version 2.1.
Martin Blech	xmltodict	Copyright (C) 2012 Martin Blech and individual contributors. For a copy of the license, see MIT License.
Matthew Bloch	mapshaper	Copyright (c) 2013, Matthew Bloch This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/. For a copy of the license, see Mozilla Public License, Version 2.0.
Microsoft Open Technologies, Inc.	Open XML SDK	The MIT License (MIT) Copyright (c) .NET Foundation and Contributors All rights reserved. For a copy of the license used by Open XML SDK, see Open XML SDK License.
Mike Samuel	OWASP Java HTML Sanitizer	Copyright (c) 2011, Mike Samuel All rights reserved. For a copy of the licenses used by OWASP Java HTML Sanitizer, see OWASP Java HTML Sanitizer Licenses.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Neil Hodgson	Lexilla	License for Lexilla, Scintilla, and SciTE Copyright 1998-2021 by Neil Hodgson <neilh@scintilla.org> All Rights Reserved For a copy of the license, see Lexilla Licenses.
Neil Hodgson	Scintilla	Copyright 1998-2021 by Neil Hodgson <neilh@scintilla.org> All Rights Reserved For a copy of the license, see Scintilla License.
Nir Cohen	distro	Copyright: Nir Cohen License: Apache 2.0 ./LICENSE For a copy of the license, see Apache License, Version 2.0.
Node.js Foundation	Node.js	Copyright Node.js contributors. All rights reserved. For a copy of the license, see node.js License.
Olivier Lalonde, James Talmage, Ruben Verborgh	follow-redirects	Copyright 2014–present Olivier Lalonde <olalonde@gmail.com>, James Talmage <james@talmage.io>, Ruben Verborgh For a copy of the license, see MIT License.
Open Source	RSyntaxTextArea	https://github.com/bobbylight/RSyntaxTextArea/blob/master/RSyntaxTextArea/src/main/resources/META-INF/LICENSE Copyright (c) 2019, Robert Futrell All rights reserved. For a copy of the license, see BSD 3-Clause License.
OpenSearch Contributors	dashboards-maps	Copyright OpenSearch Contributors For a copy of the license, see Apache License, Version 2.0. This open source includes fourth-party dependencies. For a copy of these licenses, see dashboards-maps Fourth-Party Licenses.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
OpenSearch Contributors	geospatial	OpenSearch (https://opensearch.org) Copyright OpenSearch Contributors For a copy of the license, see Apache License, Version 2.0. This open source includes fourth-party dependencies. For a copy of these licenses, see geospatial Fourth-Party Licenses.
OpenSearch Contributors	Oracle OpenSearch	For a list of copyright information and a copy of the licenses used by Oracle OpenSearch, see Oracle OpenSearch Licenses.
OpenSearch Contributors	Oracle OpenSearch Dashboards	For a list of copyright information and a copy of the licenses used by Oracle OpenSearch Dashboards, see Oracle OpenSearch Dashboards Licenses.
OpenSearch Contributors	Oracle Opensearch Dashboards Reports	For a list of copyright information and a copy of the licenses used by Oracle OpenSearch Dashboards Reports, see Oracle OpenSearch Dashboards Reports Licenses.
OpenSearch Contributors	Oracle OpenSearch Job Scheduler	For a list of copyright information and a copy of the licenses used by Oracle OpenSearch Job Scheduler, see Oracle OpenSearch Job Scheduler Licenses.
OpenSearch Contributors	Oracle Opensearch Reports Scheduler	For a list of copyright information and a copy of the licenses used by Oracle Opensearch Reports Scheduler, see Oracle Opensearch Reports Scheduler Licenses.
OpenSSL Project	OpenSSL	Copyright (c) 1998-2024 The OpenSSL Project Copyright (c) 1995-1998 Eric A. Young, Tim J. Hudson All rights reserved. * Licensed under the Apache License 2.0 (the "License"). You may not use * this file except in compliance with the License. You can obtain a copy * in the file LICENSE in the source distribution or at * https://www.openssl.org/source/license.html For a copy of the license, see Apache License, Version 2.0.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Oracle	JAX-WS RI	All components covered under EDL1.0 licensing but with different Oracle copyright dates. For a copy of the license, see Eclipse Distribution License, Version 1.0. Components associated to different copyrights: Copyright (c) 2017 Oracle and/or its affiliates. All rights reserved. jaxws-tools.jar jaxws-rt.jar stax-ex.jar jakarta.jws-api.jar jakarta.xml.soap-api.jar Copyright (c) 2005, 2018 Oracle and/or its affiliates. All rights reserved. streambuffer.jar Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved. jakarta.xml.ws-api.jar jakarta.xml.bind-api.jar Copyright (c) 2018, 2020 Oracle and/or its affiliates. All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0, which is available at http://www.eclipse.org/org/documents/edl-v10.php. SPDX-License-Identifier: BSD-3-Clause Eclipse Distribution License - v 1.0 Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved. Saaj-impl.jar Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved. gmbal-api-only.jar jakarta.activation.jar jaxb-xjc.jar jaxb-core.jar jaxb-impl.jar

Provider	*Component*	*Licensing Information*
Pip Developers	pip	Copyright: The pip developers License: MIT ./LICENSE.txt Copyright (c) 2008-present The pip developers (see AUTHORS.txt file) For a copy of the licenses used by pip, see pip Licenses.
Puppet, Inc.	Facter	For a copy of the license, see Apache License, Version 2.0.
Puppet Labs	hiera	Puppet - Automating Configuration Management. Copyright (C) 2012-2014 Puppet Labs Inc Puppet Labs can be contacted at: info@puppetlabs.com Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at https://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. For a copy of the license, see Apache License, Version 2.0.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Puppet Labs	puppet	Puppet - Automating Configuration Management. Copyright (C) 2014-2016 Puppet, Inc. Puppet, Inc. can be contacted at: info@puppet.com Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at https://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. For a copy of the license, see Apache License, Version 2.0.
Puppet Labs	ruby-hocon	Copyright (C) 2005-2016 Puppet, Inc. https://github.com/puppetlabs/ruby-hocon/blob/master/LICENSE Engineering must ensure that the following license is included in the documentation of the Oracle product that includes the code. The following applies to all products licensed under the Apache 2.0 License: You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.") You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0. A copy of the license is also reproduced below. Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. For a copy of the license, see Apache License, Version 2.0.
Puppet Labs	semantic_puppet	Copyright 2005-2021 Puppet Labs Inc For a copy of the license, see Apache License, Version 2.0.

Provider	*Component*	*Licensing Information*
Python Software Foundation	Python	For a copy of the license, see Python Licenses.
Red Hat, Inc.	optimist	Copyright (c) 2008-2014 William Morgan Copyright (c) 2014 Red Hat, Inc For a copy of the license, see MIT License.
Ruby FFI contributors	ffi	Copyright (c) 2008-2013, Ruby FFI project contributors Copyright (c) 2008-2016, Ruby FFI project contributors Copyright (C) 2008 Luc Heinrich <luc@honk-honk.com> Copyright (C) 2009 Aman Gupta <aman@tmm1.net> Copyright (C) 2009 Jake Douglas <jake@shiftedlabs.com> Copyright (C) 2009 Luc Heinrich <luc@honk-honk.com> Copyright (c) 2008, 2009, Wayne Meissner Copyright (c) 2008-2010 Wayne Meissner Copyright (c) 2009, Luc Heinrich <luc@honk-honk.com> Copyright (c) 2009, Mike Dalessio <mike.dalessio@gmail.com> Copyright (c) 2009, Wayne Meissner Copyright (c) 2009-2011 Wayne Meissner Copyright (c) 2010, Wayne Meissner Copyright (c) 2012, Wayne Meissner All rights reserved. For a copy of the licenses used by Ruby FFI contributors, see ffi Licenses.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Sara Golemon/ The Written Word, Inc	libssh2	Copyright (c) 2004-2007 Sara Golemon <sarag@libssh2.org> Copyright (c) 2005,2006 Mikhail Gusarov <dottedmag@dottedmag.net> Copyright (c) 2006-2007 The Written Word, Inc. Copyright (c) 2007 Eli Fant <elifantu@mail.ru> Copyright (c) 2009-2014 Daniel Stenberg Copyright (C) 2004, 2010 Simon Josefsson Copyright (C) 2016 Alexander Lamaison Copyright (C) 2015 Patrick Monnerat, D+H <patrick.monnerat@dh.com> Copyright (C) 2013-2015 Marc Hoersken <info@marc-hoersken.de> All rights reserved. For a copy of the license, see BSD 3-Clause License.
Selenium	Selenium DotNet	Copyright 2011-2024 Software Freedom Conservancy Copyright 2004-2011 Selenium committers For a copy of the licenses used by Selenium DotNet, see Selenium DotNet Licenses.
Selenium	Selenium IDE	Copyright 2011-2016 Software Freedom Conservancy Copyright 2004-2011 Selenium committers Copyright 2016-2017 SideeX committers For a copy of the Apache and fourth-party dependency licenses used by Selenium IDE, see Selenium IDE Licenses.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
SnakeYAML.org	SnakeYAML	SnakeYAML For a copy of the license, see Apache License, Version 2.0. Copyright (c) 2008, SnakeYAML Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.
SourceForge	Mouse	Copyright (C) 2009, 2010 by Roman R. Redziejowski (www.romanredz.se). For a copy of the license, see Mouse License.
Steve Midgley, Daniel DeLeo	deep_merge	Copyright (c) 2008-2016 Steve Midgley, Daniel DeLeo For a copy of the license, see MIT License.
Takaaki Tateishi	ruby-shadow	Copyright (C) 1998-1999 Takaaki Tateishi <ttate@jaist.ac.jp> https://github.com/apalmblad/ruby-shadow/blob/2.5.1/LICENSE License: Free for any use with your own risk! OR The terms of the Public Domain License (http://creativecommons.org/licenses/publicdomain/) OR The terms of the Unlicense, https://spdx.org/licenses/Unlicense.html

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Takaaki Tateishi	ruby-shadow-ruby32	Copyright (C) 1998-1999 Takaaki Tateishi ttate@jaist.ac.jp License: Free for any use with your own risk! OR The terms of the Public Domain License (http://creativecommons.org/licenses/publicdomain/) OR The terms of the Unlicense, https://spdx.org/licenses/Unlicense.html
Tapmodo Interactive LLC	jCrop	Jcrop is free software under MIT License. Copyright (c) 2008-2018 Tapmodo Interactive LLC, http://github.com/tapmodo/Jcrop For a copy of the license, see MIT License. This open source includes fourth-party dependencies. For a copy of these licenses, see jCrop Fourth-Party Licenses.
Terence Parr	ANTLR4 Java Runtime	Copyright (c) 2012-2022 The ANTLR Project. All rights reserved. For a copy of the license, see BSD 3-Clause License.
The Apache Software Foundation	Apache Axis	For a copy of the license, see Apache License, Version 2.0.
The Apache Software Foundation	Commons Compress	Commons Compress Copyright 2002-2024 The Apache Software Foundation For a copy of the license, see Apache License, Version 2.0. This open source includes fourth-party dependencies. For a copy of these licenses, see Commons Compress Fourth-Party Licenses.
The Apache Software Foundation	Commons Digester	Copyright 2001-2011 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License, Version 2.0. This open source includes fourth-party dependencies. For a copy of these licenses, see Commons Digester Fourth-Party Licenses.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
The Apache Software Foundation	Commons IO	Apache Commons IO Copyright 2002-2023 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (https://www.apache.org/). For a copy of the license, see Apache License, Version 2.0.
The Apache Software Foundation	HttpComponents HttpClient	Apache HttpComponents Client Copyright 1999-2021 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). http://www.apache.org/licenses/LICENSE-2.0 Apache License, Version 2.0 ========== This project includes Public Suffix List copied from <https://publicsuffix.org/list/effective_tld_names.dat> licensed under the terms of the Mozilla Public License, v. 2.0 Full license text: <http://mozilla.org/MPL/2.0/> Mozilla Public License, Version 2.0 This open source includes fourth-party dependencies. For a copy of these licenses, see HttpComponents HttpClient Fourth-Party Licenses.
The Apache Software Foundation	HttpCore	Apache HttpComponents Core Copyright 2005-2021 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License, Version 2.0.
The Apache Software Foundation	log4j-1.2-api	Copyright 1999-2024 Apache Software Foundation For a copy of the licenses used by log4j-1.2-api, see log4j-1.2-api Licenses.
The Apache Software Foundation	Log4j-API	Copyright 1999-2024 Apache Software Foundation For a copy of the licenses used by Log4j-API, see Log4j-API Licenses.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
The Apache Software Foundation	log4j-core	Copyright 1999-2024 Apache Software Foundation For a copy of the licenses used by log4j-core, see log4j-core Licenses.
The Apache Software Foundation	log4j-jcl	Copyright 1999-2024 Apache Software Foundation For a copy of the licenses used by log4j-jcl, see log4j-jcl Licenses.
The Apache Software Foundation	log4j-slf4j-impl	Copyright 1999-2024 Apache Software Foundation For a copy of the licenses used by log4j-slf4j-impl, see log4j-slf4j-impl License.
The Apache Software Foundation	Mina SSHD-common	Copyright 2008-2021 The Apache Software Foundation For a copy of the license, see Apache License, Version 2.0. This open source includes fourth-party dependencies. For a copy of these licenses, see Mina SSHD-common Fourth-Party Licenses.
The Apache Software Foundation	Mina SSHD-core	Copyright 2008-2021 The Apache Software Foundation For a copy of the license, see Apache License, Version 2.0. This open source includes fourth-party dependencies. For a copy of these licenses, see Mina SSHD-core Fourth-Party Licenses.
The Apache Software Foundation	Mina SSHD-scp	Copyright 2008-2021 The Apache Software Foundation For a copy of the license, see Apache License, Version 2.0. This open source includes fourth-party dependencies. For a copy of these licenses, see Mina SSHD-scp Fourth-Party Licenses.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
The Apache Software Foundation	Pluto	Copyright 2001-2004 The Apache Software Foundation. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. For a copy of the license, see Apache License, Version 2.0. This open source includes fourth-party dependencies. For a copy of these licenses, see Pluto Fourth-Party Licenses.
The Apache Software Foundation	POI	For a copy of the licenses used by POI, see POI Licenses.
The Apache Software Foundation	WSRP4J	The following applies to all products licensed under the Apache 2.0 License: You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.") You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0. A copy of the license is also reproduced below. Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. For a copy of the license, see Apache License, Version 2.0.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
The Apache Software Foundation	WSS4J	Apache WebServices - WSS4J Copyright 2004-2011 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). This product includes software Copyright University of Southampton IT Innovation Centre, 2006 (http://www.it-innovation.soton.ac.uk). For a copy of the license, see Apache License, Version 2.0. This open source includes fourth-party dependencies. For a copy of these licenses, see WSS4J Fourth-Party Licenses.
The Apache Software Foundation	Xalan-C++	For a copy of the license, see Apache License, Version 2.0.
The Apache Software Foundation	Xerces for C++	NOTICE file corresponding to section 4(d) of the Apache License, Version 2.0, in this case for the Apache Xerces distribution. This product includes software developed by The Apache Software Foundation (http://www.apache.org/). Portions of this software were originally based on the following: - software copyright (c) 1999, IBM Corporation., http://www.ibm.com. For a copy of the license, see Apache License, Version 2.0.
The Apache Software Foundation	Xerces2 Java	Copyright 1999-2022 The Apache Software Foundation For a copy of the license, see Xerces2 Java License.
The Apache Software Foundation	XML Security for Java	For a copy of the license, see Apache License, Version 2.0. This open source includes fourth-party dependencies. For a copy of these licenses, see XML Security for Java Fourth-Party Licenses, Version 4.0.2.
The Internet Society	rfc4122	Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc. Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. & Digital Equipment Corporation, Maynard, Mass. Copyright (c) 1998 Microsoft. For a copy of the license, see rfc4122 License.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
The JRuby Project	JRuby	Copyright (c) 2007-2018 The JRuby project For a copy of the licenses used by JRuby, see JRuby Licenses.
The Legion Of The Bouncy Castle	Bouncy Castle Crypto API	Copyright (c) 2000-2023 The Legion of the Bouncy Castle Inc. (https://www.bouncycastle.org) For a copy of the license, see MIT License.
The Netty Project	netty	For a copy of the licenses used by netty, see netty Licenses.
The Noto Project Authors	Noto Sans	Copyright 2022 The Noto Project Authors (https://github.com/notofonts/latin-greek-cyrillic) For a copy of the license, see SIL Open Font License.
The Python Cryptographic Authority and individual contributors	cryptography	cryptography Apache Software License; BSD License The Python Cryptographic Authority and individual contributors https://github.com/pyca/cryptography For a copy of licenses used by cryptography, see cryptography Licenses.
Tom Poulton	hiera-eyaml	Copyright (c) 2013 Tom Poulton For a copy of the license, see MIT License.
United States Census Bureau	TIGER Cartography Boundary Data	For a copy of the license, see TIGER Cartography Boundary Data License.
Will Bond	asn1crypto	Copyright (c) 2015-2022 Will Bond <will@wbond.net> For a copy of the license, see MIT License.
World Wide Web Consortium	jTidy	Copyright (c) 1998-2000 world wide web consortium (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio university). All Rights Reserved. For a copy of the license, see jTidy License.
Yehuda Katz, Eric Hodel, et al	Thor	Copyright (c) 2008 Yehuda Katz, Eric Hodel, et al. For a copy of the license, see MIT License.
Yukihiro Matsumoto	Ruby	Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved. For a copy of the licenses used by Ruby, see Ruby Licenses.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Zachary Schneider	MICR E13-B	Copyright © 2021, Zachary Schneider hello@zacharyschneider.ca. For a copy of the license, see SIL Open Font License.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Chapter 4

Open Source Software License Text

Academic Free License, Version 2.1

The Academic Free License v2.1

This Academic Free License (the "License") applies to any original work of authorship (the "Original Work") whose owner (the "Licensor") has placed the following notice immediately following the copyright notice for the Original Work:

Licensed under the Academic Free License version 2.1

1) Grant of Copyright License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license to do the following:

a) to reproduce the Original Work in copies;

b) to prepare derivative works ("Derivative Works") based upon the Original Work;

c) to distribute copies of the Original Work and Derivative Works to the public;

d) to perform the Original Work publicly; and

e) to display the Original Work publicly.

2) Grant of Patent License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license, under patent claims owned or controlled by the Licensor that are embodied in the Original Work as furnished by the Licensor, to make, use, sell and offer for sale the Original Work and Derivative Works.

3) Grant of Source Code License. The term "Source Code" means the preferred form of the Original Work for making modifications to it and all available documentation describing how to modify the Original Work. Licensor hereby agrees to provide a machine-readable copy of the Source Code of the Original Work along with each copy of the Original Work that Licensor distributes. Licensor reserves the right to satisfy this obligation by placing a machine-readable copy of the Source Code in an information repository reasonably calculated to permit inexpensive and convenient access by You for as long as Licensor continues to distribute the Original Work, and by publishing the address of that information repository in a notice immediately following the copyright notice that applies to the Original Work.

4) Exclusions From License Grant. Neither the names of Licensor, nor the names of any contributors to the Original Work, nor any of their trademarks or service marks, may be used to endorse or promote products derived from this Original Work without express prior written permission of the Licensor. Nothing in this License shall be deemed to grant any rights to trademarks, copyrights, patents, trade secrets or any other intellectual property of Licensor except as expressly stated herein. No patent license is granted to make, use, sell or offer to sell embodiments of any patent claims other than the licensed claims defined in Section 2. No right is granted to the trademarks of Licensor even if such marks are included in the Original Work. Nothing in this License shall be interpreted to prohibit Licensor from

Copyright © 1988, 2025, Oracle and/or its affiliates.

licensing under different terms from this License any Original Work that Licensor otherwise would have a right to license.

5) This section intentionally omitted.

6) Attribution Rights. You must retain, in the Source Code of any Derivative Works that You create, all copyright, patent or trademark notices from the Source Code of the Original Work, as well as any notices of licensing and any descriptive text identified therein as an "Attribution Notice." You must cause the Source Code for any Derivative Works that You create to carry a prominent Attribution Notice reasonably calculated to inform recipients that You have modified the Original Work.

7) Warranty of Provenance and Disclaimer of Warranty. Licensor warrants that the copyright in and to the Original Work and the patent rights granted herein by Licensor are owned by the Licensor or are sublicensed to You under the terms of this License with the permission of the contributor(s) of those copyrights and patent rights. Except as expressly stated in the immediately proceeding sentence, the Original Work is provided under this License on an "AS IS" BASIS and WITHOUT WARRANTY, either express or implied, including, without limitation, the warranties of NON-INFRINGEMENT, MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY OF THE ORIGINAL WORK IS WITH YOU. This DISCLAIMER OF WARRANTY constitutes an essential part of this License. No license to Original Work is granted hereunder except under this disclaimer.

8) Limitation of Liability. Under no circumstances and under no legal theory, whether in tort (including negligence), contract, or otherwise, shall the Licensor be liable to any person for any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or the use of the Original Work including, without limitation, damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses. This limitation of liability shall not apply to liability for death or personal injury resulting from Licensor's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

9) Acceptance and Termination. If You distribute copies of the Original Work or a Derivative Work, You must make a reasonable effort under the circumstances to obtain the express assent of recipients to the terms of this License. Nothing else but this License (or another written agreement between Licensor and You) grants You permission to create Derivative Works based upon the Original Work or to exercise any of the rights granted in Section 1 herein, and any attempt to do so except under the terms of this License (or another written agreement between Licensor and You) is expressly prohibited by U.S. copyright law, the equivalent laws of other countries, and by international treaty. Therefore, by exercising any of the rights granted to You in Section 1 herein, You indicate Your acceptance of this License and all of its terms and conditions.

10) Termination for Patent Action. This License shall terminate automatically and You may no longer exercise any of the rights granted to You by this License as of the date You commence an action, including a cross-claim or counterclaim, against Licensor or any licensee alleging that the Original Work infringes a patent. This termination provision shall not apply for an action alleging patent infringement by combinations of the Original Work with other software or hardware.

11) Jurisdiction, Venue and Governing Law. Any action or suit relating to this License may be brought only in the courts of a jurisdiction wherein the Licensor resides or in which Licensor conducts its primary business, and under the laws of that jurisdiction excluding its conflict-of-law provisions. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any use of the Original Work outside the scope of this License or after its termination shall be subject to

 Copyright © 1988, 2025, Oracle and/or its affiliates.

the requirements and penalties of the U.S. Copyright Act, 17 U.S.C. § 101 et seq., the equivalent laws of other countries, and international treaty. This section shall survive the termination of this License.

12) Attorneys Fees. In any action to enforce the terms of this License or seeking damages relating thereto, the prevailing party shall be entitled to recover its costs and expenses, including, without limitation, reasonable attorneys' fees and costs incurred in connection with such action, including any appeal of such action. This section shall survive the termination of this License.

13) Miscellaneous. This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable.

14) Definition of "You" in This License. "You" throughout this License, whether in upper or lower case, means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with you. For purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

15) Right to Use. You may use the Original Work in all ways not otherwise restricted or conditioned by this License or by law, and Licensor promises not to interfere with or be responsible for such uses by You.

This license is Copyright (C) 2003-2004 Lawrence E. Rosen. All rights reserved.

Permission is hereby granted to copy and distribute this license without modification. This license may not be modified without the express written permission of its copyright owner.

Angus Mail Licenses

Eclipse Public License - v 2.0

Eclipse Public License, Version 2.0

The GNU General Public License (GPL) Version 2, June 1991

GNU General Public License, Version 2

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is

making a combined work based on this library. Thus, the terms and

conditions of the GNU General Public License version 2 cover the whole

combination.

As a special exception, the copyright holders of this library give you

permission to link this library with independent modules to produce an

executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If you do not wish to do so, delete this exception statement
from your version.

---------- Separator ----------

== Fourth Party: jakarta.activation:jakarta.activation-api

== License: BSD-3-Clause license

== Notice:

Notices for Jakarta Activation

This content is produced and maintained by the Jakarta Activation project.

* Project home: https://projects.eclipse.org/projects/ee4j.jaf

Trademarks

Jakarta Activation is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
https://www.eclipse.org/legal/epl-2.0, or the Eclipse Distribution License v1.0
which is available at https://www.eclipse.org/org/documents/edl-v10.php. This
Source Code may also be made available under the following Secondary Licenses
when the conditions for such availability set forth in the Eclipse Public

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License v. 2.0 are satisfied: (secondary) GPL-2.0 with Classpath-exception-2.0

which is available at https://openjdk.java.net/legal/gplv2+ce.html.

SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0-only with

Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/jakartaee/jaf-api

* https://github.com/jakartaee/jaf-tck

Third-party Content

This project leverages the following third party content.

Apache Ant (1.9.6)

* License: Apache License, 2.0, W3C License, Public Domain

Apache Ant (1.9.6)

* License: Apache License, 2.0, W3C License, Public Domain

Apache commons-lang (3.5)

* License: Apache-2.0

font-awesome (4.7.0)

* License: OFL-1.1 AND MIT

jsoup (1.10.2)

* License: MIT

JTHarness (5.0)

* License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)

* Project: https://wiki.openjdk.java.net/display/CodeTools/JT+Harness

* Source: http://hg.openjdk.java.net/code-tools/jtharness/

JUnit (4.12)

* License: Eclipse Public License

normalize.css (3.0.2)

* License: MIT

* Project: http://necolas.github.io/normalize.css/

Copyright © 1988, 2025, Oracle and/or its affiliates.

* Source: http://necolas.github.io/normalize.css/

SigTest (4.0)

* License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

* Project: https://wiki.openjdk.java.net/display/CodeTools/sigtest

* Source: http://hg.openjdk.java.net/code-tools/sigtest/file/c57f97e2ac2f

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

---------- Separator ----------

== Fourth Party: jakarta.mail:jakarta.mail-api

== License: Eclipse Public License - v 2.0

== Notice:

Notices for Jakarta Mail

This content is produced and maintained by the Jakarta Mail project.

* Project home: https://projects.eclipse.org/projects/ee4j.mail

Trademarks

Jakarta Mail is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at https://www.eclipse.org/legal/epl-2.0. This Source Code may also be made

 Copyright © 1988, 2025, Oracle and/or its affiliates.

available under the following Secondary Licenses when the conditions for such

availability set forth in the Eclipse Public License v. 2.0 are satisfied:

(secondary) GPL-2.0 with Classpath-exception-2.0 which is available at

https://openjdk.java.net/legal/gplv2+ce.html.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0-only with Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/jakartaee/mail-api

* https://github.com/jakartaee/mail-tck

* https://github.com/jakartaee/mail-spec

Third-party Content

This project leverages the following third party content.

Apache Ant (1.9.6)

* License: Apache License, 2.0, W3C License, Public Domain

commons-lang3 (3.5)

* License: Apache-2.0

font-awesome (4.7.0)

* License: OFL-1.1 AND MIT

jsoup (1.10.2)

* License: MIT

JTHarness (5.0)

* License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

normalize.css (3.0.2)

* License: MIT

SigTest (4.0)

* License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)

* Project: https://wiki.openjdk.java.net/display/CodeTools/sigtest

* Source: http://hg.openjdk.java.net/code-tools/sigtest/file/c57f97e2ac2f

Cryptography

Copyright © 1988, 2025, Oracle and/or its affiliates.

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

---------- Separator ----------

== Fourth Party: org.eclipse.angus:angus-activation

== License: Eclipse Public License - v 2.0 (Same as Top Level)

== Notice: (Same as Top Level)

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

== BSD-3-Clause license

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

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

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

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

Apache License, Version 1.1

The Apache Software License, Version 1.1

Copyright (c) 2000 The Apache Software Foundation. All rights reserved.

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

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

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

3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:
"This product includes software developed by the Apache Software Foundation (http://www.apache.org/)."
Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The names "Apache" and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written

permission, please contact apache@apache.org.

5. Products derived from this software may not be called "Apache",

nor may "Apache" appear in their name, without prior written

permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED

WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES

OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR

ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF

USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT

OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

SUCH DAMAGE.

==========

This software consists of voluntary contributions made by many

individuals on behalf of the Apache Software Foundation. For more

information on the Apache Software Foundation, please see

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

Portions of this software are based upon public domain software

originally written at the National Center for Supercomputing Applications,

University of Illinois, Urbana-Champaign.

Apache License, Version 2.0

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.")

 Copyright © 1988, 2025, Oracle and/or its affiliates.

You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0. A copy of the license is also reproduced below.

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

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

———————————————————-

Apache License

Version 2.0, January 2004

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,

and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by

the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all

other entities that control, are controlled by, or are under common

control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the

direction or management of such entity, whether by contract or

otherwise, or (ii) ownership of fifty percent (50%) or more of the

outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity

exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,

including but not limited to software source code, documentation

source, and configuration files.

"Object" form shall mean any form resulting from mechanical

transformation or translation of a Source form, including but

not limited to compiled object code, generated documentation,

Copyright © 1988, 2025, Oracle and/or its affiliates.

and conversions to other media types.

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of

 Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

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

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

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

(c) You must retain, in the Source form of any Derivative Works

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

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

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of

 Copyright © 1988, 2025, Oracle and/or its affiliates.

this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

———————————————————-

APPENDIX: How to apply the Apache License to your work.
To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.
Copyright [yyyy] [name of copyright owner]
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and

Copyright © 1988, 2025, Oracle and/or its affiliates.

limitations under the License.

Artistic License, Version 2.0

SPDX short identifier: Artistic-2.0

Copyright (c) 2000-2006, The Perl Foundation.

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

Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

Definitions

"Copyright Holder" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

"Contributor" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

"You" and "your" means any person who would like to copy, distribute, or modify the Package.

"Package" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

"Distribute" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

"Distributor Fee" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

"Standard Version" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

"Modified Version" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

"Original License" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

"Source" form means the source code, documentation source, and configuration files for the Package.

Copyright © 1988, 2025, Oracle and/or its affiliates.

"Compiled" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

BSD 0-Clause License

Copyright <YEAR> <COPYRIGHT HOLDER>

Permission to use, copy, modify, and/or distribute this software for

any purpose with or without fee is hereby granted.

THE SOFTWARE IS PROVIDED “AS IS” AND THE AUTHOR DISCLAIMS ALL

WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES

OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE

FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY

DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN

AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT

OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

BSD 2-Clause License

Copyright <YEAR> <COPYRIGHT HOLDER>

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER

 Copyright © 1988, 2025, Oracle and/or its affiliates.

CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

BSD 3-Clause License

Copyright <YEAR> <COPYRIGHT HOLDER>

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

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

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

3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

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

BSD 3-Clause License (With Google Inc Reference)

Copyright (c) <year>, <copyright holder>. All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are

met:

* Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above

copyright notice, this list of conditions and the following disclaimer
in the documentation and/or other materials provided with the
distribution.
* Neither the name of Google Inc. nor the names of its
contributors may be used to endorse or promote products derived from
this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Castor Licenses

Copyright 1999-2004 (C) Intalio Inc., and others. All Rights Reserved.
Redistribution and use of this software and associated documentation
("Software"), with or without modification, are permitted provided
that the following conditions are met:
1. Redistributions of source code must retain copyright statements
and notices. Redistributions must also contain a copy of this
document.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

Copyright © 1988, 2025, Oracle and/or its affiliates.

3. The name "ExoLab" must not be used to endorse or promote products

derived from this Software without prior written permission of

Intalio Inc. For written permission, please contact info@exolab.org.

4. Products derived from this Software may not be called "Castor"

nor may "Castor" appear in their names without prior written

permission of Intalio Inc. Exolab, Castor and Intalio are

trademarks of Intalio Inc.

5. Due credit should be given to the ExoLab Project

(http://www.exolab.org/).

THIS SOFTWARE IS PROVIDED BY INTALIO AND CONTRIBUTORS ``AS IS'' AND

ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,

THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A

PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL INTALIO OR ITS

CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,

PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR

PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY

OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE

USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH

DAMAGE.

4th Party Dependencies

Apache 2.0

commons-logging.jar - version 1.1.1 (upgraded from 1.0.3 - distributed) – Copyright 2003-2007 The Apache Software Foundation. This product includes software developed by The Apache Software Foundation (http://www.apache.org/).

Apache License

Apache License, Version 2.0

Copyright © 1988, 2025, Oracle and/or its affiliates.

cffi Licenses

Copyright: Armin Rigo, Maciej Fijalkowski

License: MIT

./LICENSE

Except when otherwise stated (look for LICENSE files in directories or

information at the beginning of each file) all software and

documentation is licensed as follows:

The MIT License

MIT License

---------- Separator ----------

./src/c/libffi_x86_x64/LICENSE

libffi - Copyright (c) 1996-2003 Red Hat, Inc.

MIT License

---------- Separator ----------

Dependency: :pycparser

Copyright: Eli Bendersky

License: BSD 3-Clause

./LICENSE

pycparser -- A C parser in Python

Copyright (c) 2008-2022, Eli Bendersky

All rights reserved.

BSD 3-Clause License

---------- Separator ----------

./pycparser/ply/LICENSE

PLY (Python Lex-Yacc) Version 3.10

Copyright (C) 2001-2017

David M. Beazley (Dabeaz LLC)

All rights reserved.

Redistribution and use in source and binary forms, with or without

 Copyright © 1988, 2025, Oracle and/or its affiliates.

modification, are permitted provided that the following conditions are

met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of the David Beazley or Dabeaz LLC may be used to

endorse or promote products derived from this software without

specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

More information about PLY can be obtained on the PLY webpage at:

http://www.dabeaz.com/ply

---------- Separator ----------

Code Project Open License (CPOL)

The Code Project Open License (CPOL) 1.02

The Code Project Open License (CPOL) is intended to provide developers who choose to share their code with a license that protects them and provides users of their code with a clear statement regarding how the code can be used.

Copyright © 1988, 2025, Oracle and/or its affiliates.

The CPOL is our gift to the community. We encourage everyone to use this license if they wish regardless of whether the code is posted on CodeProject.com.

Preamble

This License governs Your use of the Work. This License is intended to allow developers to use the Source Code and Executable Files provided as part of the Work in any application in any form.

The main points subject to the terms of the License are:

Source Code and Executable Files can be used in commercial applications;

Source Code and Executable Files can be redistributed; and

Source Code can be modified to create derivative works.

No claim of suitability, guarantee, or any warranty whatsoever is provided. The software is provided "as-is".

The Article(s) accompanying the Work may not be distributed or republished without the Author's consent

This License is entered between You, the individual or other entity reading or otherwise making use of the Work licensed pursuant to this License and the individual or other entity which offers the Work under the terms of this License ("Author").

License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CODE PROJECT OPEN LICENSE ("LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HEREIN, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. THE AUTHOR GRANTS YOU THE RIGHTS CONTAINED HEREIN IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS. IF YOU DO NOT AGREE TO ACCEPT AND BE BOUND BY THE TERMS OF THIS LICENSE, YOU CANNOT MAKE ANY USE OF THE WORK.

1. Definitions.

a. "Articles" means, collectively, all articles written by Author which describes how the Source Code and Executable Files for the Work may be used by a user.

b. "Author" means the individual or entity that offers the Work under the terms of this License.

c. "Derivative Work" means a work based upon the Work or upon the Work and other pre-existing works.

d. "Executable Files" refer to the executables, binary files, configuration and any required data files included in the Work.

e. "Publisher" means the provider of the website, magazine, CD-ROM, DVD or other medium from or by which the Work is obtained by You.

f. "Source Code" refers to the collection of source code and configuration files used to create the Executable Files.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

g. "Standard Version" refers to such a Work if it has not been modified, or has been modified in accordance with the consent of the Author, such consent being in the full discretion of the Author.

h. "Work" refers to the collection of files distributed by the Publisher, including the Source Code, Executable Files, binaries, data files, documentation, whitepapers and the Articles.

i. "You" is you, an individual or entity wishing to use the Work and exercise your rights under this License.

2. Fair Use/Fair Use Rights. Nothing in this License is intended to reduce, limit, or restrict any rights arising from fair use, fair dealing, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, the Author hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

a. You may use the standard version of the Source Code or Executable Files in Your own applications.

b. You may apply bug fixes, portability fixes and other modifications obtained from the Public Domain or from the Author. A Work modified in such a way shall still be considered the standard version and will be subject to this License.

c. You may otherwise modify Your copy of this Work (excluding the Articles) in any way to create a Derivative Work, provided that You insert a prominent notice in each changed file stating how, when and where You changed that file.

d. You may distribute the standard version of the Executable Files and Source Code or Derivative Work in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution.

e. The Articles discussing the Work published in any form by the author may not be distributed or republished without the Author's consent. The author retains copyright to any such Articles. You may use the Executable Files and Source Code pursuant to this License but you may not repost or republish or otherwise distribute or make available the Articles, without the prior written consent of the Author.

Any subroutines or modules supplied by You and linked into the Source Code or Executable Files of this Work shall not be considered part of this Work and will not be subject to the terms of this License.

4. Patent License. Subject to the terms and conditions of this License, each Author hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, import, and otherwise transfer the Work.

5. Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

a. You agree not to remove any of the original copyright, patent, trademark, and attribution notices and associated disclaimers that may appear in the Source Code or Executable Files.

b. You agree not to advertise or in any way imply that this Work is a product of Your own.

c. The name of the Author may not be used to endorse or promote products derived from the Work without the prior written consent of the Author.

Copyright © 1988, 2025, Oracle and/or its affiliates.

d. You agree not to sell, lease, or rent any part of the Work. This does not restrict you from including the Work or any part of the Work inside a larger software distribution that itself is being sold. The Work by itself, though, cannot be sold, leased or rented.

e. You may distribute the Executable Files and Source Code only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy of the Executable Files or Source Code You distribute and ensure that anyone receiving such Executable Files and Source Code agrees that the terms of this License apply to such Executable Files and/or Source Code. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute the Executable Files or Source Code with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License.

f. You agree not to use the Work for illegal, immoral or improper purposes, or on pages containing illegal, immoral or improper material. The Work is subject to applicable export laws. You agree to comply with all such laws and regulations that may apply to the Work after Your receipt of the Work.

6. Representations, Warranties and Disclaimer. THIS WORK IS PROVIDED "AS IS", "WHERE IS" AND "AS AVAILABLE", WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS OR GUARANTEES. YOU, THE USER, ASSUME ALL RISK IN ITS USE, INCLUDING COPYRIGHT INFRINGEMENT, PATENT INFRINGEMENT, SUITABILITY, ETC. AUTHOR EXPRESSLY DISCLAIMS ALL EXPRESS, IMPLIED OR STATUTORY WARRANTIES OR CONDITIONS, INCLUDING WITHOUT LIMITATION, WARRANTIES OR CONDITIONS OF MERCHANTABILITY, MERCHANTABLE QUALITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF TITLE OR NON-INFRINGEMENT, OR THAT THE WORK (OR ANY PORTION THEREOF) IS CORRECT, USEFUL, BUG-FREE OR FREE OF VIRUSES. YOU MUST PASS THIS DISCLAIMER ON WHENEVER YOU DISTRIBUTE THE WORK OR DERIVATIVE WORKS.

7. Indemnity. You agree to defend, indemnify and hold harmless the Author and the Publisher from and against any claims, suits, losses, damages, liabilities, costs, and expenses (including reasonable legal or attorneys’ fees) resulting from or relating to any use of the Work by You.

8. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL THE AUTHOR OR THE PUBLISHER BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK OR OTHERWISE, EVEN IF THE AUTHOR OR THE PUBLISHER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

9. Termination.

a. This License and the rights granted hereunder will terminate automatically upon any breach by You of any term of this License. Individuals or entities who have received Derivative Works from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 6, 7, 8, 9, 10 and 11 will survive any termination of this License.

b. If You bring a copyright, trademark, patent or any other infringement claim against any contributor over infringements You claim are made by the Work, your License from such contributor to the Work ends automatically.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

c. Subject to the above terms and conditions, this License is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, the Author reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

10. Publisher. The parties hereby confirm that the Publisher shall not, under any circumstances, be responsible for and shall not have any liability in respect of the subject matter of this License. The Publisher makes no warranty whatsoever in connection with the Work and shall not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. The Publisher reserves the right to cease making the Work available to You at any time without notice

11. Miscellaneous

a. This License shall be governed by the laws of the location of the head office of the Author or if the Author is an individual, the laws of location of the principal place of residence of the Author.

b. If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this License, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

c. No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.

d. This License constitutes the entire agreement between the parties with respect to the Work licensed herein. There are no understandings, agreements or representations with respect to the Work not specified herein. The Author shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Author and You.

Commons Compress Fourth-Party Licenses

4th party dependencies distributed by PeopleSoft for Commons Compress.

==========

4th party dependency license : commons-codec

License: Apache License

Copyright:

Apache Commons Codec

Copyright 2002-2024 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

==========

4th party dependency license : commons-io

License: Apache License

Copyright:

Apache Commons IO

Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

==========

4th party dependency license : commons-lang3

License: Apache License

Copyright:

Apache Commons Lang

Copyright 2001-2024 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

Commons Digester Fourth-Party Licenses

4th party dependencies distributed by PeopleSoft for commons-digester:

Apache License, Version 2.0

---

cglib 3.2.5

From cglib 3.2.5 NOTICE.txt

 Copyright © 1988, 2025, Oracle and/or its affiliates.

This product includes software developed by

The Apache Software Foundation (http://www.apache.org/).

Apache 2.0 License (see above for verbiage)

---

commons-logging 1.2

From commons-logging 1.2 NOTICE.txt

Apache Commons Logging

Copyright 2003-2016 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Apache 2.0 License (see above for verbiage)

---

commons-beanutil 1.9.4

From commons-beanutil 1.9.4 NOTICE.txt

Apache Commons BeanUtils

Copyright 2000-2019 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Apache 2.0 License (see above for verbiage)

Creative Commons Legal Code

CC0 1.0 Universal

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

Copyright © 1988, 2025, Oracle and/or its affiliates.

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights.

A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;

ii. moral rights retained by the original author(s) and/or performer(s);

iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;

iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;

v. rights protecting the extraction, dissemination, use and reuse of data in a Work;

vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and

vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver.

To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to

 Copyright © 1988, 2025, Oracle and/or its affiliates.

revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback.

Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

---

cryptography Licenses

cryptography

Apache Software License; BSD License

The Python Cryptographic Authority and individual contributors

https://github.com/pyca/cryptography

This software is made available under the terms of *either* of the licenses

found in LICENSE.APACHE or LICENSE.BSD. Contributions to cryptography are made

Copyright © 1988, 2025, Oracle and/or its affiliates.

under the terms of *both* these licenses.

== LICENSE.APACHE

Apache License, Version 2.0

== LICENSE.BSD

Copyright (c) Individual contributors.

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

3. Neither the name of PyCA Cryptography nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

Copyright © 1988, 2025, Oracle and/or its affiliates.

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----------separator----------

Fourth party dependencies/packages

cffi

MIT License

Armin Rigo, Maciej Fijalkowski

http://cffi.readthedocs.org

Except when otherwise stated (look for LICENSE files in directories or

information at the beginning of each file) all software and

documentation is licensed as follows:

The MIT License

MIT License

----------done----------

Curl Licenses

COPYRIGHT AND PERMISSION NOTICE

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

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1996 - 2024, Daniel Stenberg, <daniel@haxx.se>, and many

contributors, see the THANKS file.

All rights reserved.

Permission to use, copy, modify, and distribute this software for any purpose

with or without fee is hereby granted, provided that the above copyright

notice and this permission notice appear in all copies.

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

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN

NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM,

DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR

OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE

OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not

be used in advertising or otherwise to promote the sale, use or other dealings

in this Software without prior written authorization of the copyright holder.

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

NOTICE

Curl contains pieces of source code that is Copyright (c) 1998, 1999

Kungliga Tekniska Högskolan. This notice is included here to comply with the

distribution terms.

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

== OpenSSL

Copyright (c) 1998-2023 The OpenSSL Project

Copyright (c) 1995-1998 Eric A. Young, Tim J. Hudson

All rights reserved.

Apache License, Version 2.0

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

== Zlib

Copyright notice:

(C) 1995-2022 Jean-loup Gailly and Mark Adler

Zlib Data Compression Library License

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

== libssh2

/* Copyright (c) 2004-2007 Sara Golemon <sarag@libssh2.org>

* Copyright (c) 2005,2006 Mikhail Gusarov <dottedmag@dottedmag.net>

* Copyright (c) 2006-2007 The Written Word, Inc.

* Copyright (c) 2007 Eli Fant <elifantu@mail.ru>

* Copyright (c) 2009-2021 Daniel Stenberg

* Copyright (C) 2008, 2009 Simon Josefsson

Copyright © 1988, 2025, Oracle and/or its affiliates.

* Copyright (c) 2000 Markus Friedl

* Copyright (c) 2015 Microsoft Corp.

* All rights reserved.

BSD 3-Clause License

*/

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

== nghttp2

The MIT License

Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa

Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors

MIT License

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

== ngtcp2

The MIT License

Copyright (c) 2016 ngtcp2 contributors

MIT License

dashboards-maps Fourth-Party Licenses

4th party dependencies distributed by PeopleSoft for dashboards-maps:

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

Apache License, Version 2.0

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

Copyright OpenSearch Contributors

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

== NAME OF DEPENDENCY 1

human-signals-1.1.1

== License Type

Apache 2.0 License

== Copyright Notices

Copyright 2019 ehmicky <ehmicky@gmail.com>

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

== NAME OF DEPENDENCY 2

blob-util

aws-sign2

rxjs

forever-agent

@cypress/request

caseless

tunnel-agent

== License Type

Apache 2.0 License

== Copyright Notices

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

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

== NAME OF DEPENDENCY 3

Uuid

astral-regex

strip-final-newline

pify

cachedir

onetime

common-tags

pretty-bytes

cli-truncate

path-is-absolute

ospath

string-width

 Copyright © 1988, 2025, Oracle and/or its affiliates.

cli-cursor

is-path-inside

form-data

shebang-regex

slice-ansi

execa

is-fullwidth-code-point

cypress

executable

clean-stack

indent-string

balanced-match

log-symbols

aggregate-error

ansi-regex

has-flag

figures

through

restore-cursor

is-typedarray

shebang-command

eventemitter2

global-dirs

wrap-ansi

npm-run-path

p-map

is-installed-globally

minimist

dashdash

Copyright © 1988, 2025, Oracle and/or its affiliates.

ansi-styles

mimic-fn

ms

isstream

assert-plus

colorette

escape-string-regexp

untildify

proxy-from-env

punycode

type-fest

combined-stream

throttleit

supports-color

strip-ansi

get-stream

path-key

ansi-escapes

performance-now

concat-map

log-update

is-unicode-supported

is-stream

delayed-stream

emoji-regex

chalk

csscolorparser

gl-matrix

murmurhash-js

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

MIT License

== Copyright Notices

None included

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

== NAME OF DEPENDENCY 4

concat-stream - Copyright (c) 2013 Max Ogden

has - Copyright (c) 2016 Jordan Harband

Copyright (c) 2022 Inspect JS

has-symbols - Copyright (c) 2016 Jordan Harband

Copyright (c) 2022 Inspect JS

has-proto - Copyright (c) 2016 Jordan Harband

Copyright (c) 2022 Inspect JS

Call-bind - Copyright (c) 2020 Jordan Harband

Get-intrinsic - Copyright (c) 2020 Jordan Harband

Side-channel - Copyright (c) 2020 Jordan Harband

sshpk - Copyright Joyent, Inc. All rights reserved

getpass - Copyright Joyent, Inc. All rights reserved

http-signature - Copyright Joyent, Inc. All rights reserved

cross-spawn - Copyright (c) 2018 Made With MOXY Lda hello@moxy.studio

mime-types - Copyright (c) 2014 Jonathan Ong me@jongleberry.com Copyright (c) 2015 Douglas Christopher Wilson doug@somethingdoug.com

isarray

Hat - Copyright (c) 2013 James Halliday

Copyright (c) 2010, Linden Research, Inc

Copyright (c) 2012, Joshua Bell

Object-inspect - Copyright (c) 2013 James Halliday

Copyright (c) 2010, Linden Research, Inc

Copyright (c) 2012, Joshua Bell

Traverse - Copyright (c) 2013 James Halliday

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2010, Linden Research, Inc

Copyright (c) 2012, Joshua Bell

Typedarray - Copyright (c) 2013 James Halliday

Copyright (c) 2010, Linden Research, Inc

Copyright (c) 2012, Joshua Bell

Async - Copyright (c) 2010-2018 Caolan McMahon

safer-buffer - Copyright (c) 2018 Nikita Skovoroda <chalkerx@gmail.com>

listr2 - Copyright (c) Cenk Kilic <cenk@kilic.dev> (https://srcs.kilic.dev), Sam Verschueren <sam.verschueren@gmail.com> (github.com/SamVerschueren)

install - Copyright (c) 2015 Benjamin Newman <ben@benjamn.com>

asn1 -Copyright 2008 Fair Oaks Labs, Inc.

aws4 - Copyright 2013 Michael Hart (michael.hart.au@gmail.com)

Pend - Copyright (c) 2014 Andrew Kelley

Yauzl - Copyright (c) 2014 Josh Wolfe

Enquirer - Copyright (c) 2016-present, Jon Schlinkert.

Copyright (c) 2014-2017, Jon Schlinkert

Global-prefix - Copyright (c) 2016-present, Jon Schlinkert.

Copyright (c) 2014-2017, Jon Schlinkert

Kind-of - Copyright (c) 2016-present, Jon Schlinkert.

Copyright (c) 2014-2017, Jon Schlinkert

Bluebird - Copyright (c) 2013-2018 Petka Antonov

Lodash - Copyright OpenJS Foundation and other contributors https://openjsf.org/ Copyright and related rights for sample code are waived via CC0. Sample

Asynckit - Copyright (c) 2016 Alex Indigo

safe-buffer - Copyright (c) Feross Aboukhadijeh

fs-extra - Copyright (c) 2011-2017 JP Richardson

Commander - Copyright (c) 2011 TJ Holowaychuk <tj@vision-media.ca>

json-schema - Copyright (c) 2005-2015, The Dojo Foundation

1) Grant of Copyright License. Licensor hereby grants You a world-wide requirements and penalties of the U.S. Copyright Act, 17 U.S.C. Â§ 101 et. This license is Copyright (C) 2003-2004 Lawrence E. Rosen. All rights reserved.

Copyright © 1988, 2025, Oracle and/or its affiliates.

cli-table3 - Copyright (c) 2014 James Talmage <james.talmage@jrtechnical.com>

color-convert - Copyright (c) 2011-2016 Heather Arthur <fayearthur@gmail.com>

mime-db - Copyright (c) 2014 Jonathan Ong me@jongleberry.com Copyright (c) 2015-2022 Douglas Christopher Wilson <doug@somethingdoug.com>

Rfdc - Copyright 2019 "David Mark Clements <david.mark.clements@gmail.com>"

end-of-stream - Copyright (c) 2014 Mathias Buus

resolve-protobuf-schema - Copyright (c) 2014 Mathias Buus

Tmp - Copyright (c) 2014 KARASZI István

merge-stream - Copyright (c) Stephen Sugden <me@stephensugden.com> (stephensugden.com)

Jsbn - Copyright (c) 2003-2005 Tom Wu

Extsprintf - Copyright (c) 2012, Joyent, Inc. All rights reserved.

jsprim - Copyright (c) 2012, Joyent, Inc. All rights reserved.

Verror - Copyright (c) 2016, Joyent, Inc. All rights reserved.

Readable-stream – Copyright (c) 2016, Joyent, Inc. All rights reserved.

String_decoder - Copyright (c) 2016, Joyent, Inc. All rights reserved.

Jsonfile - Copyright (c) 2012-2015, JP Richardson <jprichardson@gmail.com>

check-more-types - Copyright (c) 2014 Kensho

ci-info - Copyright (c) 2016-2021 Thomas Watson Steen

is-ci - Copyright (c) 2016-2021 Thomas Watson Steen

Universalify - Copyright (c) 2017, Ryan Zimmerman <opensrc@ryanzim.com>

Extend - Copyright (c) 2014 Stefan Thomas

Dayjs - Copyright (c) 2018-present, iamkun @colors/colors Copyright (c) Marak Squires Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com) Copyright (c) DABH (https://github.com/DABH)

@colors/colors - Copyright (c) Marak Squires

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

Copyright (c) DABH (https://github.com/DABH)

ansi-colors - Copyright (c) 2015-present, Brian Woodward.

buffer-crc32 - Copyright (c) 2013 Brian J. Brennan

Getos - Copyright (c) 2016 William Blankenship

@types/sizzle - Copyright (c) Microsoft Corporation.

Copyright © 1988, 2025, Oracle and/or its affiliates.

@types/node - Copyright (c) Microsoft Corporation.

@types/yauzl - Copyright (c) Microsoft Corporation.

@types/sinonjs__fake-timers - Copyright (c) Microsoft Corporation.

@types/pbf – Copyright (c) Microsoft Corporation.

@types/wellknown - Copyright (c) Microsoft Corporation.

request-progress - Copyright (c) 2012 IndigoUnited

requires-port – Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors

url-parse – Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors

util-deprecate - Copyright (c) 2014 Nathan Rajlich <nathan@tootallnate.net>

Debug - Copyright (c) 2014-2017 TJ Holowaychuk tj@vision-media.ca Copyright (c) 2018-2021 Josh Junon

fd-slicer - Copyright (c) 2014 Andrew Kelley

@cypress/xvfb - Original Work Copyright (C) 2012 ProxV, Inc Modified Work Copyright (c) 2015 Cypress.io, LLC Copyright (c) 2014 TJ Holowaychuk tj@vision-media.ca Copyright (c) 2019 Cypress.io, Inc.

@cypress/skip-test - Original Work Copyright (C) 2012 ProxV, Inc Modified Work Copyright (c) 2015 Cypress.io, LLCCopyright (c) 2014 TJ Holowaychuk tj@vision-media.ca Copyright (c) 2019 Cypress.io, Inc.

@cypress/angular

@cypress/mount-utils

@cypress/react

@cypress/react18

@cypress/svelte

@cypress/vue

@cypress/vue2

cypress

Arch - Copyright (c) Feross Aboukhadijeh

buffer - Copyright (c) Feross Aboukhadijeh

cypress-file-upload - Copyright (c) 2019 Pavel Auramenka <pavel.auramenka@gmail.com>

Psl - Copyright (c) 2017 Lupo Montero lupomontero@gmail.com

brace-expansion - Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

base64-js - Copyright (c) 2014 Jameson Little

 Copyright © 1988, 2025, Oracle and/or its affiliates.

lodash.once - Copyright jQuery Foundation and other contributors https://jquery.org/ Copyright and related rights for sample code are waived via CC0. Sample

core-util-is - Copyright Node.js contributors. All rights reserved.

Pump - Copyright (c) 2014 Mathias Buus

Protocol-buffers-schema - Copyright (c) 2014 Mathias Buus

color-name - Copyright (c) 2015 Dmitry Ivanov

lazy-ass - Copyright (c) 2014 Gleb Bahmutov

ecc-jsbn - Copyright (c) 2014 Jeremie Miller

@types/geojson - Copyright (c) Microsoft Corporation

@types/mapbox-gl - Copyright (c) Microsoft Corporation

@types/mapbox__mapbox-gl-draw - Copyright (c) Microsoft Corporation

@types/mapbox__point-geometry - Copyright (c) Microsoft Corporation

@types/mapbox__vector-tile - Copyright (c) Microsoft Corporation

Prettier - Copyright © James Long and contributors

Copyright (c) 2014-present Sebastian McKenzie and other contributors

Process - Copyright (c) 2013 Roman Shtylman <shtylman@gmail.com>

process-nextick-args - Copyright (c) 2013 Roman Shtylman <shtylman@gmail.com>

function-bind - Copyright (c) 2013 Raynos

Geojson - Copyright 2016 Casey Thomas

Xtend - Copyright 2016 Casey Thomas

Querystringify - Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors

vt-pbf - Copyright (c) 2014, Mapbox

Copyright (c) 2015 Anand Thakker

== License Type

MIT

== Copyright Notices

See above for each 4th party dependency

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

== NAME OF DEPENDENCY 5

Glob - Copyright (c) Isaac Z. Schlueter and Contributors

Semver - Copyright (c) Isaac Z. Schlueter and Contributors

Inflight - Copyright (c) Isaac Z. Schlueter and Contributors

once - Copyright (c) Isaac Z. Schlueter and Contributors

rimraf - Copyright (c) Isaac Z. Schlueter and Contributors

which - Copyright (c) Isaac Z. Schlueter and Contributors

Ini - Copyright (c) Isaac Z. Schlueter and Contributors

minimatch - Copyright (c) Isaac Z. Schlueter and Contributors

yallist - Copyright (c) Isaac Z. Schlueter and Contributors

inherits - Copyright (c) Isaac Z. Schlueter and Contributors

json-stringify-safe - Copyright (c) Isaac Z. Schlueter and Contributors

signal-exit - Copyright (c) Isaac Z. Schlueter and Contributors

lru-cache - Copyright (c) Isaac Z. Schlueter and Contributors

wrappy - Copyright (c) Isaac Z. Schlueter and Contributors

quickselect - Copyright (c) 2018, Vladimir Agafonkin

graceful-fs - Copyright (c) 2011-2022 Isaac Z. Schlueter, Ben Noordhuis, and Contributors

@opensearch-dashboards-test/opensearch-dashboards-test-library - Grant of Copyright License. Subject to the terms and conditions of Copyright OpenSearch Contributors

fs.realpath - Copyright (c) Isaac Z. Schlueter and Contributors Copyright Joyent, Inc. and other Node contributors.

Isexe - Copyright (c) Isaac Z. Schlueter and Contributors

at-least-node - Copyright (c) 2020 Ryan Zimmerman <opensrc@ryanzim.com>

@mapbox/extent - Copyright 2005-2013 OpenLayers Contributors. All rights reserved

@mapbox/geojson-coords - Copyright 2005-2013 OpenLayers Contributors. All rights reserved

@mapbox/geojson-normalize - Copyright 2005-2013 OpenLayers Contributors. All rights reserved

@mapbox/geojson-rewind - Copyright 2005-2013 OpenLayers Contributors. All rights reserved

@mapbox/jsonlint-lines-primitives - Copyright 2005-2013 OpenLayers Contributors. All rights reserved

@mapbox/whoots-js - Copyright 2005-2013 OpenLayers Contributors. All rights reserved

@maplibre/maplibre-gl-style-spec - Copyright 2005-2013 OpenLayers Contributors. All rights reserved

@mapbox/mapbox-gl-draw - Copyright (c) 2015, Mapbox

@mapbox/point-geometry - Copyright (c) 2015, Mapbox

Copyright © 1988, 2025, Oracle and/or its affiliates.

Earcut - Copyright (c) 2015, Mapbox

Supercluster - Copyright (c) 2015, Mapbox

@opensearch-dashboards-test/opensearch-dashboards-test-library

geojson-vt - Copyright (c) 2015, Mapbox

Copyright (c) 2018, Mapbox

potpack - Copyright (c) 2015, Mapbox

Copyright (c) 2018, Mapbox

Kdbush - Copyright (c) 2018, Vladimir Agafonkin

Tinyqueue - Copyright (c) 2018, Vladimir Agafonkin

== License Type

ISC

== Copyright Notices

See above for each 4th party dependency

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

== NAME OF DEPENDENCY 6

ieee754 - Copyright 2008 Fair Oaks Labs, Inc.

bcrypt-pbkdf - Copyright 1997 Niels Provos provos@physnet.uni-hamburg.de Copyright (c) 2013 Ted Unangst tedu@openbsd.org Copyright 2016, Joyent Inc

Qs

tough-cookie - Copyright (c) 2015, Salesforce.com, Inc

@mapbox/mapbox-gl-supported

@mapbox/vector-tile

maplibre-gl

Pbf

== License Type

BSD-3-Clause

== Copyright Notices

See above for each 4th party dependency

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

== NAME OF DEPENDENCY 7

Tweetnacl

== License Type

Unlicense

== Copyright Notices

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

== NAME OF DEPENDENCY 8

Tslib

Wellknown - Copyright (C) 2013 Tom MacWright tom@macwright.org

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

== License Type

BSD

== Copyright Notices

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

== NAME OF DEPENDENCY 9

extract-zip

@mapbox/geojson-area - Copyright 2005-2013 OpenLayers Contributors. All rights reserved

Copyright (C) 2008 Apple Inc. All Rights Reserved

@mapbox/tiny-sdf - Copyright 2005-2013 OpenLayers Contributors. All rights reserved

Copyright (C) 2008 Apple Inc. All Rights Reserved

@mapbox/unitbezier - Copyright 2005-2013 OpenLayers Contributors. All rights reserved

Copyright (C) 2008 Apple Inc. All Rights Reserved

geojson-flatten

wgs84

rw - Copyright (c) 2014, Michael Bostock

== License Type

BSD-Clause-2

== Copyright Notices

Copyright (c) 2014 Max Ogden and other contributors

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

== LICENSES

The MIT License (MIT)

Copyright <YEAR> <COPYRIGHT HOLDER>

MIT License

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

BSD-Clause 3 License

Copyright (c) 2012-2016, Project contributors

Copyright (c) 2012-2014, Walmart

All rights reserved.

BSD 3-Clause License

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

BSD 2-Clause License

BSD 2-Clause License

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

BSD

BSD 3-Clause License

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

ISC

Copyright <YEAR> <OWNER>

ISC License

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

Unlicense

Unlicense License

dom4j License

Copyright © 2001–2005 MetaStuff, Ltd.

All Rights Reserved.

Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain copyright statements and notices. Redistributions must also contain a copy of this document.

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

3. The name "DOM4J" must not be used to endorse or promote products derived from this Software without prior written permission of MetaStuff, Ltd. For written permission, please contact dom4j-info@metastuff.com <mailto:dom4j-info@metastuff.com>.

4. Products derived from this Software may not be called "DOM4J" nor may "DOM4J" appear in their names without prior written permission of MetaStuff, Ltd. DOM4J is a registered trademark of MetaStuff, Ltd.

5. Due credit should be given to the DOM4J Project - http://www.dom4j.org

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

Eclipse Distribution License, Version 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

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

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

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

- Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Eclipse Parsson Licenses

Eclipse Parsson (org.eclipse.parsson:parsson)

Copyright (c) 2011, 2023 Oracle and/or its affiliates. All rights reserved.

This program and the accompanying materials are made available under the

terms of the Eclipse Public License v. 2.0, which is available at

http://www.eclipse.org/legal/epl-2.0.

This Source Code may also be made available under the following Secondary

Licenses when the conditions for such availability set forth in the

Eclipse Public License v. 2.0 are satisfied: GNU General Public License,

version 2 with the GNU Classpath Exception, which is available at

https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier: Eclipse Public License 2.0 + GPL v.2 with CPE

Eclipse Public License 2.0 + GPL v.2 with CPE

Notices for Eclipse Parsson

This content is produced and maintained by the Eclipse Parsson project.

* Project home: https://projects.eclipse.org/projects/ee4j.parsson

Trademarks

Eclipse Parsson is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For

more information regarding authorship of content, please consult the listed

source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms

of the Eclipse Public License v. 2.0 which is available at

https://www.eclipse.org/legal/epl-2.0.

SPDX-License-Identifier: EPL-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/parsson

Third-party Content

This project leverages the following third party content.

None

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

Eclipse Public License - v 2.0

Eclipse Public License, Version 2.0

GNU General Public License, Version 2

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent

 Copyright © 1988, 2025, Oracle and/or its affiliates.

modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If you do not wish to do so, delete this exception statement
from your version.

Fourth Party Dependencies

"Jakarta JSON Processing API" (jakarta.json:jakarta.json-api)
Copyright (c) 2011, 2023 Oracle and/or its affiliates. All rights reserved.
This program and the accompanying materials are made available under the
terms of the Eclipse Public License v. 2.0, which is available at
http://www.eclipse.org/legal/epl-2.0.
This Source Code may also be made available under the following Secondary
Licenses when the conditions for such availability set forth in the
Eclipse Public License v. 2.0 are satisfied: GNU General Public License,
version 2 with the GNU Classpath Exception, which is available at
https://www.gnu.org/software/classpath/license.html.
SPDX-License-Identifier: Eclipse Public License 2.0 + GPL v.2 with CPE
Licenses:
Eclipse Public License 2.0 + GPL v.2 with CPE

Eclipse Public License, Version 1.0

Eclipse Public License, Version 1.0 (EPL-1.0)

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

Copyright © 1988, 2025, Oracle and/or its affiliates.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement , including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to

 Copyright © 1988, 2025, Oracle and/or its affiliates.

serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

Eclipse Public License, Version 2.0

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE

PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION

OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content

Distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from

and are Distributed by that particular Contributor. A Contribution

"originates" from a Contributor if it was added to the Program by

such Contributor itself or anyone acting on such Contributor's behalf.

Contributions do not include changes or additions to the Program that

are not Modified Works.

"Contributor" means any person or entity that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which

Copyright © 1988, 2025, Oracle and/or its affiliates.

are necessarily infringed by the use or sale of its Contribution alone
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity any new file
in Source Code form that contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby

 Copyright © 1988, 2025, Oracle and/or its affiliates.

grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has

Copyright © 1988, 2025, Oracle and/or its affiliates.

sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements

 Copyright © 1988, 2025, Oracle and/or its affiliates.

of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program

Copyright © 1988, 2025, Oracle and/or its affiliates.

in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs

 Copyright © 1988, 2025, Oracle and/or its affiliates.

or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable.

Copyright © 1988, 2025, Oracle and/or its affiliates.

However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.
Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.
Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.
Exhibit A - Form of Secondary Licenses Notice
"This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}."
Simply including a copy of this Agreement, including this Exhibit A

 Copyright © 1988, 2025, Oracle and/or its affiliates.

is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular

file, then You may include the notice in a location (such as a LICENSE

file in a relevant directory) where a recipient would be likely to

look for such a notice.

You may add additional accurate notices of copyright ownership.

---

ffi Licenses

The ffi library is covered by the BSD license, also see the LICENSE file. The specs are covered by the same license as ruby/spec, the MIT license.

Files:

COPYING

LICENSE

ext/ffi_c/AbstractMemory.c

ext/ffi_c/AbstractMemory.h

ext/ffi_c/ArrayType.c

ext/ffi_c/ArrayType.h

ext/ffi_c/Buffer.c

ext/ffi_c/Call.h

ext/ffi_c/DynamicLibrary.c

ext/ffi_c/Function.c

ext/ffi_c/Function.h

ext/ffi_c/LastError.c

ext/ffi_c/LastError.h

ext/ffi_c/LongDouble.h

ext/ffi_c/MappedType.c

ext/ffi_c/MappedType.h

ext/ffi_c/MemoryPointer.c

ext/ffi_c/MemoryPointer.h

ext/ffi_c/MethodHandle.h

Copyright © 1988, 2025, Oracle and/or its affiliates.

ext/ffi_c/Platform.c

ext/ffi_c/Platform.h

ext/ffi_c/Pointer.c

ext/ffi_c/Pointer.h

ext/ffi_c/Struct.c

ext/ffi_c/Struct.h

ext/ffi_c/StructByValue.c

ext/ffi_c/StructByValue.h

ext/ffi_c/StructLayout.c

ext/ffi_c/Thread.c

ext/ffi_c/Thread.h

ext/ffi_c/Type.c

ext/ffi_c/Types.c

ext/ffi_c/Types.h

ext/ffi_c/compat.h

ext/ffi_c/ffi.c

ext/ffi_c/rbffi.h

ext/ffi_c/Type.h

ext/ffi_c/Call.c

ext/ffi_c/ClosurePool.c

ext/ffi_c/ClosurePool.h

ext/ffi_c/DynamicLibrary.h

ext/ffi_c/FunctionInfo.c

ext/ffi_c/MethodHandle.c

ext/ffi_c/Variadic.c

Copyright (c) 2008-2013, Ruby FFI project contributors

Copyright (c) 2008-2016, Ruby FFI project contributors

Copyright (C) 2008 Luc Heinrich <luc@honk-honk.com>

Copyright (C) 2009 Aman Gupta <aman@tmm1.net>

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (C) 2009 Jake Douglas <jake@shiftedlabs.com>

Copyright (C) 2009 Luc Heinrich <luc@honk-honk.com>

Copyright (c) 2008, 2009, Wayne Meissner

Copyright (c) 2008-2010 Wayne Meissner

Copyright (c) 2009, Luc Heinrich <luc@honk-honk.com>

Copyright (c) 2009, Mike Dalessio <mike.dalessio@gmail.com>

Copyright (c) 2009, Wayne Meissner

Copyright (c) 2009-2011 Wayne Meissner

Copyright (c) 2010, Wayne Meissner

Copyright (c) 2012, Wayne Meissner

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

* Neither the name of the Ruby FFI project nor the

names of its contributors may be used to endorse or promote products

derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Files:

LICENSE.SPECS

Copyright (c) 2008-2012 Ruby-FFI contributors

MIT License

4th party dependency:

llibffi, used by this project, is licensed under the MIT license:

libffi - Copyright (c) 1996-2011 Anthony Green, Red Hat, Inc and others.

See source files for details.

MIT License

---

fontconfig License

The following attribution text was taken from Component fontconfig Version 2.12.1:

Permission to use, copy, modify, distribute, and sell this software and its

documentation for any purpose is hereby granted without fee, provided that

the above copyright notice appear in all copies and that both that

copyright notice and this permission notice appear in supporting

documentation, and that the name of the author(s) not be used in

advertising or publicity pertaining to distribution of the software without

specific, written prior permission. The authors make no

representations about the suitability of this software for any purpose. It

is provided "as is" without express or implied warranty.

THE AUTHOR(S) DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE,

INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO

EVENT SHALL THE AUTHOR(S) BE LIABLE FOR ANY SPECIAL, INDIRECT OR

CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

The FreeType Project License

2006-Jan-27

Copyright 1996-2002, 2006 by

David Turner, Robert Wilhelm, and Werner Lemberg

Introduction

==========

The FreeType Project is distributed in several archive packages;
some of them may contain, in addition to the FreeType font engine,
various tools and contributions which rely on, or relate to, the
FreeType Project.

This license applies to all files found in such packages, and
which do not fall under their own explicit license. The license
affects thus the FreeType font engine, the test programs,
documentation and makefiles, at the very least.

This license was inspired by the BSD, Artistic, and IJG
(Independent JPEG Group) licenses, which all encourage inclusion
and use of free software in commercial and freeware products
alike. As a consequence, its main points are that:

o We don't promise that this software works. However, we will be
interested in any kind of bug reports. (`as is' distribution)

o You can use this software for whatever you want, in parts or
full form, without having to pay us. (`royalty-free' usage)

o You may not pretend that you wrote this software. If you use
it, or only parts of it, in a program, you must acknowledge

somewhere in your documentation that you have used the
FreeType code. (`credits')
We specifically permit and encourage the inclusion of this
software, with or without modifications, in commercial products.
We disclaim all warranties covering The FreeType Project and
assume no liability related to The FreeType Project.
Finally, many people asked us for a preferred form for a
credit/disclaimer to use in compliance with this license. We thus
encourage you to use the following text:
"""
Portions of this software are copyright © <year> The FreeType
Project (www.freetype.org). All rights reserved.
"""
Please replace <year> with the value from the FreeType version you
actually use.
Legal Terms
==========
0. Definitions

Throughout this license, the terms `package', `FreeType Project',
and `FreeType archive' refer to the set of files originally
distributed by the authors (David Turner, Robert Wilhelm, and
Werner Lemberg) as the `FreeType Project', be they named as alpha,
beta or final release.
`You' refers to the licensee, or person using the project, where
`using' is a generic term including compiling the project's source
code as well as linking it to form a `program' or `executable'.
This program is referred to as `a program using the FreeType
engine'.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

This license applies to all files distributed in the original
FreeType Project, including all source code, binaries and
documentation, unless otherwise stated in the file in its
original, unmodified form as distributed in the original archive.
If you are unsure whether or not a particular file is covered by
this license, you must contact us to verify this.
The FreeType Project is copyright (C) 1996-2000 by David Turner,
Robert Wilhelm, and Werner Lemberg. All rights reserved except as
specified below.
1. No Warranty

THE FREETYPE PROJECT IS PROVIDED `AS IS' WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO,
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS
BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO
USE, OF THE FREETYPE PROJECT.
2. Redistribution

This license grants a worldwide, royalty-free, perpetual and
irrevocable right and license to use, execute, perform, compile,
display, copy, create derivative works of, distribute and
sublicense the FreeType Project (in both source and object code
forms) and derivative works thereof for any purpose; and to
authorize others to exercise some or all of the rights granted
herein, subject to the following conditions:
o Redistribution of source code must retain this license file
(`FTL.TXT') unaltered; any additions, deletions or changes to
the original files must be clearly indicated in accompanying

documentation. The copyright notices of the unaltered,
original files must be preserved in all copies of source
files.
o Redistribution in binary form must provide a disclaimer that
states that the software is based in part of the work of the
FreeType Team, in the distribution documentation. We also
encourage you to put an URL to the FreeType web page in your
documentation, though this isn't mandatory.
These conditions apply to any software derived from or based on
the FreeType Project, not just the unmodified files. If you use
our work, you must acknowledge us. However, no fee need be paid
to us.
3. Advertising

Neither the FreeType authors and contributors nor you shall use
the name of the other for commercial, advertising, or promotional
purposes without specific prior written permission.
We suggest, but do not require, that you use one or more of the
following phrases to refer to this software in your documentation
or advertising materials: `FreeType Project', `FreeType Engine',
`FreeType library', or `FreeType Distribution'.
As you have not signed this license, you are not required to
accept it. However, as the FreeType Project is copyrighted
material, only this license, or another one contracted with the
authors, grants you the right to use, distribute, and modify it.
Therefore, by using, distributing, or modifying the FreeType
Project, you indicate that you understand and accept all the terms
of this license.
4. Contacts

 Copyright © 1988, 2025, Oracle and/or its affiliates.

There are two mailing lists related to FreeType:

o freetype@nongnu.org

Discusses general use and applications of FreeType, as well as

future and wanted additions to the library and distribution.

If you are looking for support, start in this list if you

haven't found anything to help you in the documentation.

o freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues,

specific licenses, porting, etc.

Our home page can be found at

https://www.freetype.org

--- end of FTL.TXT ---

geospatial Fourth-Party Licenses

4th party dependencies distributed by PeopleSoft for geospatial:

4th Party Dependencies:

1. commons-lang3

Copyright 2001-2021 The Apache Software Foundation

License: Apache 2.0

2. ipaddress

seancfoley@yahoo.com

License: Apache 2.0

Glassfish-ORB Licenses

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

EPL-2.0-5912e0f3

Eclipse Public License - v 2.0

Eclipse Public License, Version 2.0

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

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

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

Copyright (C) year name of author

Copyright (c) 1993-1997 IBM Corp. All rights reserved.

Copyright (c) 1994, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 1995, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 1996, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 1997, 2020 Oracle and/or its affiliates.

Copyright (c) 1997, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 1997-1998 IBM Corp. All rights reserved.

Copyright (c) 1997-1999 IBM Corp. All rights reserved.

Copyright (c) 1998 IBM Corp. All rights reserved.

Copyright (c) 1998, 1999 IBM Corp. All rights reserved.

Copyright (c) 1998, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 1998-1999 IBM Corp. All rights reserved.

Copyright (c) 1998-2012 IBM Corp. All rights reserved.

Copyright (c) 1999, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2000, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2001, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2003, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

Copyright (c) 2010, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2011, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2012, 2020 Oracle and/or its affiliates.

Copyright (c) 2012, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2013, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2014, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2016, 2020 Oracle and/or its affiliates.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2017, 2020 Oracle and/or its affiliates.

Copyright (c) 2018, 2020 Oracle and/or its affiliates.

Copyright (c) 2018, 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2019 Payaera Services Ltd.

Copyright (c) 2019 Payara Servicec Ltd.

Copyright (c) 2019 Payara Services Ltd.

Copyright (c) 2019-2020 Payara Services Ltd.

Copyright (c) 2020 Oracle and/or its affiliates.

Copyright (c) 2020 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2020 Oracle and/or its affiliates. All rights reserved. "

Copyright (c) 2020 Payara Services Limited

Copyright (c) 2020 Payara Services Ltd.

Copyright (c) 2020 Payara Services Ltd. All rights reserved.

Copyright (c) 2021 Payara Services Ltd.

Copyright (c) 2022 Contributors to the Eclipse Foundation. All rights reserved.

Copyright (c) 2023 Contributors to the Eclipse Foundation.

Copyright (c) YYYY Oracle and/or its affiliates.

---------- Notices ----------

[//]: # " Copyright (c) 2020 Oracle and/or its affiliates. All rights reserved. "

[//]: # " "

[//]: # " This program and the accompanying materials are made available under the "

[//]: # " terms of the Eclipse Public License v. 2.0 which is available at "

[//]: # " http://www.eclipse.org/legal/epl-2.0, or the Eclipse Distribution License "

[//]: # " v. 1.0 which is available at "

[//]: # " http://www.eclipse.org/org/documents/edl-v10.php. "

[//]: # " "

[//]: # " This Source Code may also be made available under the following Secondary "

[//]: # " Licenses when the conditions for such availability set forth in the Eclipse "

[//]: # " Public License v. 2.0 are satisfied: GNU General Public License v2.0 "

[//]: # " w/Classpath exception which is available at "

[//]: # " https://www.gnu.org/software/classpath/license.html. "

[//]: # " "

[//]: # " SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0 WITH "

[//]: # " Classpath-exception-2.0 "

Notices for Eclipse ORB

This content is produced and maintained by the Eclipse ORB project.

* Project home: https://projects.eclipse.org/projects/ee4j.orb

Trademarks

Eclipse ORB is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Eclipse Distribution License v. 1.0
which is available at http://www.eclipse.org/org/documents/edl-v10.php. This
Source Code may also be made available under the following Secondary Licenses
when the conditions for such availability set forth in the Eclipse Public
License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU
Classpath Exception which is available at
https://www.gnu.org/software/classpath/license.html.
SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0 WITH
Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/orb

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* https://github.com/eclipse-ee4j/orb-gmbal

* https://github.com/eclipse-ee4j/orb-gmbal-commons

* https://github.com/eclipse-ee4j/orb-gmbal-pfl

Third-party Content

This project leverages the following third party content.

ASM (6.0)

* License: BSD-3-Clause

hamcrest-all (1.3)

* License: New BSD License

JUnit (4.12)

* License: Eclipse Public License

OSGi Service Platform Core Companion Code (6.0)

* License: Apache License, 2.0

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

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

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

- Apache-2.0

- BSD-3-Clause

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

- EPL-2.0

- GPL-2.0-with-classpath-exception

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

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

org.glassfish.external:management-api

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2004, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2009, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2019 Oracle and/or its affiliates. All rights reserved.

== Notices

Notices for Eclipse ORB

This content is produced and maintained by the Eclipse ORB project.

* Project home: https://projects.eclipse.org/projects/ee4j.orb

Trademarks

Eclipse ORB is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Eclipse Distribution License v. 1.0
which is available at http://www.eclipse.org/org/documents/edl-v10.php. This
Source Code may also be made available under the following Secondary Licenses
when the conditions for such availability set forth in the Eclipse Public
License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU
Classpath Exception which is available at
https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0 WITH

Copyright © 1988, 2025, Oracle and/or its affiliates.

Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/orb

* https://github.com/eclipse-ee4j/orb-gmbal

* https://github.com/eclipse-ee4j/orb-gmbal-commons

* https://github.com/eclipse-ee4j/orb-gmbal-pfl

Third-party Content

This project leverages the following third party content.

ASM (6.0)

* License: BSD-3-Clause

hamcrest-all (1.3)

* License: New BSD License

JUnit (4.12)

* License: Eclipse Public License

OSGi Service Platform Core Companion Code (6.0)

* License: Apache License, 2.0

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

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

== Dependency

org.glassfish.gmbal:gmbal

== License Type

SPDX:BSD-3-Clause

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 1997, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2001, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2005, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2006, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2007, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2008, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2018, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2019, 2020 Oracle and/or its affiliates. All rights reserved.

== Notices

Notices for Eclipse ORB

This content is produced and maintained by the Eclipse ORB project.

* Project home: https://projects.eclipse.org/projects/ee4j.orb

Trademarks

Eclipse ORB is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Eclipse Distribution License v. 1.0
which is available at http://www.eclipse.org/org/documents/edl-v10.php. This
Source Code may also be made available under the following Secondary Licenses
when the conditions for such availability set forth in the Eclipse Public
License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU
Classpath Exception which is available at

 Copyright © 1988, 2025, Oracle and/or its affiliates.

https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0 WITH

Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/orb

* https://github.com/eclipse-ee4j/orb-gmbal

* https://github.com/eclipse-ee4j/orb-gmbal-commons

* https://github.com/eclipse-ee4j/orb-gmbal-pfl

Third-party Content

This project leverages the following third party content.

ASM (6.0)

* License: BSD-3-Clause

hamcrest-all (1.3)

* License: New BSD License

JUnit (4.12)

* License: Eclipse Public License

OSGi Service Platform Core Companion Code (6.0)

* License: Apache License, 2.0

Cryptography

Content may contain encryption software. The country in which you are currently

may have restrictions on the import, possession, and use, and/or re-export to

another country, of encryption software. BEFORE using any encryption software,

please check the country's laws, regulations and policies concerning the import,

possession, or use, and re-export of encryption software, to see if this is

permitted.

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

== Dependency

org.glassfish.pfl:pfl-basic-tools

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

== Notices

Notices for Eclipse ORB

This content is produced and maintained by the Eclipse ORB project.

* Project home: https://projects.eclipse.org/projects/ee4j.orb

Trademarks

Eclipse ORB is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Eclipse Distribution License v. 1.0
which is available at http://www.eclipse.org/org/documents/edl-v10.php. This
Source Code may also be made available under the following Secondary Licenses
when the conditions for such availability set forth in the Eclipse Public
License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU
Classpath Exception which is available at
https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0 WITH
Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

Copyright © 1988, 2025, Oracle and/or its affiliates.

* https://github.com/eclipse-ee4j/orb

* https://github.com/eclipse-ee4j/orb-gmbal

* https://github.com/eclipse-ee4j/orb-gmbal-commons

* https://github.com/eclipse-ee4j/orb-gmbal-pfl

Third-party Content

This project leverages the following third party content.

ASM (6.0)

* License: BSD-3-Clause

hamcrest-all (1.3)

* License: New BSD License

JUnit (4.12)

* License: Eclipse Public License

OSGi Service Platform Core Companion Code (6.0)

* License: Apache License, 2.0

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

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

== Dependency

org.glassfish.pfl:pfl-basic

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 1997, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2002, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2003, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2003, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2004, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2007, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2007, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2008, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2011, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2018, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2019 Payara Services Ltd.

== Notices

Notices for Eclipse ORB

This content is produced and maintained by the Eclipse ORB project.

* Project home: https://projects.eclipse.org/projects/ee4j.orb

Trademarks

Eclipse ORB is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Eclipse Distribution License v. 1.0
which is available at http://www.eclipse.org/org/documents/edl-v10.php. This
Source Code may also be made available under the following Secondary Licenses
when the conditions for such availability set forth in the Eclipse Public

Copyright © 1988, 2025, Oracle and/or its affiliates.

License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0 WITH Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/orb
* https://github.com/eclipse-ee4j/orb-gmbal
* https://github.com/eclipse-ee4j/orb-gmbal-commons
* https://github.com/eclipse-ee4j/orb-gmbal-pfl

Third-party Content

This project leverages the following third party content.

ASM (6.0)

* License: BSD-3-Clause

hamcrest-all (1.3)

* License: New BSD License

JUnit (4.12)

* License: Eclipse Public License

OSGi Service Platform Core Companion Code (6.0)

* License: Apache License, 2.0

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

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

== Dependency

org.glassfish.pfl:pfl-dynamic

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 1997, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2007, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2020 Payara Services Ltd.

== Notices

Notices for Eclipse ORB

This content is produced and maintained by the Eclipse ORB project.

* Project home: https://projects.eclipse.org/projects/ee4j.orb

Trademarks

Eclipse ORB is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Eclipse Distribution License v. 1.0
which is available at http://www.eclipse.org/org/documents/edl-v10.php. This
Source Code may also be made available under the following Secondary Licenses
when the conditions for such availability set forth in the Eclipse Public
License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU
Classpath Exception which is available at

Copyright © 1988, 2025, Oracle and/or its affiliates.

https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0 WITH

Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/orb

* https://github.com/eclipse-ee4j/orb-gmbal

* https://github.com/eclipse-ee4j/orb-gmbal-commons

* https://github.com/eclipse-ee4j/orb-gmbal-pfl

Third-party Content

This project leverages the following third party content.

ASM (6.0)

* License: BSD-3-Clause

hamcrest-all (1.3)

* License: New BSD License

JUnit (4.12)

* License: Eclipse Public License

OSGi Service Platform Core Companion Code (6.0)

* License: Apache License, 2.0

Cryptography

Content may contain encryption software. The country in which you are currently

may have restrictions on the import, possession, and use, and/or re-export to

another country, of encryption software. BEFORE using any encryption software,

please check the country's laws, regulations and policies concerning the import,

possession, or use, and re-export of encryption software, to see if this is

permitted.

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

== Dependency

org.glassfish.pfl:pfl-tf-tools

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 1997, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2020 Payara Services Ltd.

== Notices

Notices for Eclipse ORB

This content is produced and maintained by the Eclipse ORB project.

* Project home: https://projects.eclipse.org/projects/ee4j.orb

Trademarks

Eclipse ORB is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Eclipse Distribution License v. 1.0
which is available at http://www.eclipse.org/org/documents/edl-v10.php. This
Source Code may also be made available under the following Secondary Licenses
when the conditions for such availability set forth in the Eclipse Public
License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU
Classpath Exception which is available at
https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0 WITH
Classpath-exception-2.0

Copyright © 1988, 2025, Oracle and/or its affiliates.

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/orb

* https://github.com/eclipse-ee4j/orb-gmbal

* https://github.com/eclipse-ee4j/orb-gmbal-commons

* https://github.com/eclipse-ee4j/orb-gmbal-pfl

Third-party Content

This project leverages the following third party content.

ASM (6.0)

* License: BSD-3-Clause

hamcrest-all (1.3)

* License: New BSD License

JUnit (4.12)

* License: Eclipse Public License

OSGi Service Platform Core Companion Code (6.0)

* License: Apache License, 2.0

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

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

== Dependency

org.glassfish.pfl:pfl-tf

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 1997, 2019 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Copyright (c) 2020 Payara Services Ltd.

== Notices

Notices for Eclipse ORB

This content is produced and maintained by the Eclipse ORB project.

* Project home: https://projects.eclipse.org/projects/ee4j.orb

Trademarks

Eclipse ORB is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Eclipse Distribution License v. 1.0
which is available at http://www.eclipse.org/org/documents/edl-v10.php. This
Source Code may also be made available under the following Secondary Licenses
when the conditions for such availability set forth in the Eclipse Public
License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU
Classpath Exception which is available at
https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0 WITH
Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/orb

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* https://github.com/eclipse-ee4j/orb-gmbal

* https://github.com/eclipse-ee4j/orb-gmbal-commons

* https://github.com/eclipse-ee4j/orb-gmbal-pfl

Third-party Content

This project leverages the following third party content.

ASM (6.0)

* License: BSD-3-Clause

hamcrest-all (1.3)

* License: New BSD License

JUnit (4.12)

* License: Eclipse Public License

OSGi Service Platform Core Companion Code (6.0)

* License: Apache License, 2.0

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

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

== Dependency

org.osgi:org.osgi.core

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) OSGi Alliance (2000, 2013). All Rights Reserved.

Copyright (c) OSGi Alliance (2000, 2014). All Rights Reserved.

Copyright (c) OSGi Alliance (2001, 2013). All Rights Reserved.

Copyright (c) OSGi Alliance (2002, 2013). All Rights Reserved.

Copyright (c) OSGi Alliance (2004, 2013). All Rights Reserved.

Copyright (c) OSGi Alliance (2004, 2014). All Rights Reserved.

Copyright (c) OSGi Alliance (2005, 2013). All Rights Reserved.

Copyright (c) OSGi Alliance (2007, 2013). All Rights Reserved.

Copyright (c) OSGi Alliance (2007, 2014). All Rights Reserved.

Copyright (c) OSGi Alliance (2008, 2013). All Rights Reserved.

Copyright (c) OSGi Alliance (2008, 2014). All Rights Reserved.

Copyright (c) OSGi Alliance (2009, 2013). All Rights Reserved.

Copyright (c) OSGi Alliance (2010, 2012). All Rights Reserved.

Copyright (c) OSGi Alliance (2010, 2013). All Rights Reserved.

Copyright (c) OSGi Alliance (2010, 2014). All Rights Reserved.

Copyright (c) OSGi Alliance (2011, 2013). All Rights Reserved.

Copyright (c) OSGi Alliance (2012, 2013). All Rights Reserved.

Copyright (c) OSGi Alliance (2012, 2014). All Rights Reserved.

Copyright (c) OSGi Alliance (2014). All Rights Reserved.

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

== Dependency

org.ow2.asm:asm-analysis

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2000-2011 INRIA, France Telecom

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

== Dependency

org.ow2.asm:asm-analysis

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2000-2011 INRIA, France Telecom

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

== Dependency

org.ow2.asm:asm-commons

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2000-2011 INRIA, France Telecom

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

== Dependency

org.ow2.asm:asm-commons

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2000-2011 INRIA, France Telecom

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

== Dependency

org.ow2.asm:asm-tree

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2000-2011 INRIA, France Telecom

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

== Dependency

org.ow2.asm:asm-tree

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2000-2011 INRIA, France Telecom

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

== Dependency

org.ow2.asm:asm-util

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2000-2011 INRIA,

Copyright (c) 2000-2011 INRIA, France Telecom

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

== Dependency

org.ow2.asm:asm

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2000-2011 INRIA, France Telecom

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

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

== SPDX:Apache-2.0

Apache License

Apache License, Version 2.0

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

== SPDX:BSD-3-Clause

BSD 3-Clause License

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

ASM is released under the following 3-Clause BSD License:

ASM: a very small and fast Java bytecode manipulation framework

Copyright (c) 2000-2011 INRIA, France Telecom

All rights reserved.

BSD 3-Clause License

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

BSD License

Copyright (c) 2000-2015 www.hamcrest.org

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of

conditions and the following disclaimer. Redistributions in binary form must reproduce

the above copyright notice, this list of conditions and the following disclaimer in

the documentation and/or other materials provided with the distribution.

Neither the name of Hamcrest nor the names of its contributors may be used to endorse

or promote products derived from this software without specific prior written

permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES

OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT

SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,

INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED

TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR

BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY

WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH

DAMAGE.

Copyright © 1988, 2025, Oracle and/or its affiliates.

GNU General Public License, Version 2

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

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

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies

of this license document, but changing it is not allowed.

Preamble

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

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

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

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

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

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

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

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

GNU GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

 Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

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

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

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

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

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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

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

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

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

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

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

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

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

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

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

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

 Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

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

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

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

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

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

NO WARRANTY

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

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR

Copyright © 1988, 2025, Oracle and/or its affiliates.

LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

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

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

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

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

This program is free software; you can redistribute it and/or

modify it under the terms of the GNU General Public License

as published by the Free Software Foundation; either version 2

of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,

but WITHOUT ANY WARRANTY; without even the implied warranty of

MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the

GNU General Public License for more details.

You should have received a copy of the GNU General Public License

along with this program; if not, write to the Free Software

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

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

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

Gnomovision version 69, Copyright (C) year name of author

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details

type `show w'. This is free software, and you are welcome

to redistribute it under certain conditions; type `show c'

for details.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

Yoyodyne, Inc., hereby disclaims all copyright

interest in the program `Gnomovision'

(which makes passes at compilers) written

by James Hacker.

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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

GNU General Public License, Version 3

GNU GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <https://fsf.org/>

Everyone is permitted to copy and distribute verbatim copies

of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for

software and other kinds of works.

The licenses for most software and other practical works are designed

to take away your freedom to share and change the works. By contrast,

the GNU General Public License is intended to guarantee your freedom to

share and change all versions of a program--to make sure it remains free

software for all its users. We, the Free Software Foundation, use the

GNU General Public License for most of our software; it applies also to

any other work released this way by its authors. You can apply it to

your programs, too.

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

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

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

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to

 Copyright © 1988, 2025, Oracle and/or its affiliates.

use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for

Copyright © 1988, 2025, Oracle and/or its affiliates.

infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A

 Copyright © 1988, 2025, Oracle and/or its affiliates.

"Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

Copyright © 1988, 2025, Oracle and/or its affiliates.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and

 Copyright © 1988, 2025, Oracle and/or its affiliates.

appropriately publish on each copy an appropriate copyright notice;
keep intact all notices stating that this License and any
non-permissive terms added in accord with section 7 apply to the code;
keep intact all notices of the absence of any warranty; and give all
recipients a copy of this License along with the Program.
You may charge any price or no price for each copy that you convey,
and you may offer support or warranty protection for a fee.
5. Conveying Modified Source Versions.
You may convey a work based on the Program, or the modifications to
produce it from the Program, in the form of source code under the
terms of section 4, provided that you also meet all of these conditions:
a) The work must carry prominent notices stating that you modified
it, and giving a relevant date.
b) The work must carry prominent notices stating that it is
released under this License and any conditions added under section
7. This requirement modifies the requirement in section 4 to
"keep intact all notices".
c) You must license the entire work, as a whole, under this
License to anyone who comes into possession of a copy. This
License will therefore apply, along with any applicable section 7
additional terms, to the whole of the work, and all its parts,
regardless of how they are packaged. This License gives no
permission to license the work in any other way, but it does not
invalidate such permission if you have separately received it.
d) If the work has interactive user interfaces, each must display
Appropriate Legal Notices; however, if the Program has interactive
interfaces that do not display Appropriate Legal Notices, your
work need not make them do so.
A compilation of a covered work with other separate and independent

Copyright © 1988, 2025, Oracle and/or its affiliates.

works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program,
in or on a volume of a storage or distribution medium, is called an
"aggregate" if the compilation and its resulting copyright are not
used to limit the access or legal rights of the compilation's users
beyond what the individual works permit. Inclusion of a covered work
in an aggregate does not cause this License to apply to the other
parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms
of sections 4 and 5, provided that you also convey the
machine-readable Corresponding Source under the terms of this License,
in one of these ways:

a) Convey the object code in, or embodied in, a physical product
(including a physical distribution medium), accompanied by the
Corresponding Source fixed on a durable physical medium
customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product
(including a physical distribution medium), accompanied by a
written offer, valid for at least three years and valid for as
long as you offer spare parts or customer support for that product
model, to give anyone who possesses the object code either (1) a
copy of the Corresponding Source for all the software in the
product that is covered by this License, on a durable physical
medium customarily used for software interchange, for a price no
more than your reasonable cost of physically performing this
conveying of source, or (2) access to copy the
Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the

Copyright © 1988, 2025, Oracle and/or its affiliates.

written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a

Copyright © 1988, 2025, Oracle and/or its affiliates.

typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and

 Copyright © 1988, 2025, Oracle and/or its affiliates.

protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or

b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or

Copyright © 1988, 2025, Oracle and/or its affiliates.

c) Prohibiting misrepresentation of the origin of that material, or
requiring that modified versions of such material be marked in
reasonable ways as different from the original version; or
d) Limiting the use for publicity purposes of names of licensors or
authors of the material; or
e) Declining to grant rights under trademark law for use of some
trade names, trademarks, or service marks; or
f) Requiring indemnification of licensors and authors of that
material by anyone who conveys the material (or modified versions of
it) with contractual assumptions of liability to the recipient, for
any liability that these contractual assumptions directly impose on
those licensors and authors.
All other non-permissive additional terms are considered "further
restrictions" within the meaning of section 10. If the Program as you
received it, or any part of it, contains a notice stating that it is
governed by this License along with a term that is a further
restriction, you may remove that term. If a license document contains
a further restriction but permits relicensing or conveying under this
License, you may add to a covered work material governed by the terms
of that license document, provided that the further restriction does
not survive such relicensing or conveying.
If you add terms to a covered work in accord with this section, you
must place, in the relevant source files, a statement of the
additional terms that apply to those files, or a notice indicating
where to find the applicable terms.
Additional terms, permissive or non-permissive, may be stated in the
form of a separately written license, or stated as exceptions;
the above requirements apply either way.
8. Termination.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do

Copyright © 1988, 2025, Oracle and/or its affiliates.

not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or

 Copyright © 1988, 2025, Oracle and/or its affiliates.

hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that

Copyright © 1988, 2025, Oracle and/or its affiliates.

country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a

 Copyright © 1988, 2025, Oracle and/or its affiliates.

covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

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

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

If the Program specifies that a proxy can decide which future

Copyright © 1988, 2025, Oracle and/or its affiliates.

versions of the GNU General Public License can be used, that proxy's
public statement of acceptance of a version permanently authorizes you
to choose that version for the Program.
Later license versions may give you additional or different
permissions. However, no additional obligations are imposed on any
author or copyright holder as a result of your choosing to follow a
later version.

15. Disclaimer of Warranty.

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

16. Limitation of Liability.

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

17. Interpretation of Sections 15 and 16.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

If the disclaimer of warranty and limitation of liability provided
above cannot be given local legal effect according to their terms,
reviewing courts shall apply local law that most closely approximates
an absolute waiver of all civil liability in connection with the
Program, unless a warranty or assumption of liability accompanies a
copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

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

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

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

This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.

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

You should have received a copy of the GNU General Public License
along with this program. If not, see <https://www.gnu.org/licenses/>.

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

If the program does terminal interaction, make it output a short

Copyright © 1988, 2025, Oracle and/or its affiliates.

notice like this when it starts in an interactive mode:

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

This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

This is free software, and you are welcome to redistribute it

under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate

parts of the General Public License. Of course, your program's commands

might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school,

if any, to sign a "copyright disclaimer" for the program, if necessary.

For more information on this, and how to apply and follow the GNU GPL, see

<https://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program

into proprietary programs. If your program is a subroutine library, you

may consider it more useful to permit linking proprietary applications with

the library. If this is what you want to do, use the GNU Lesser General

Public License instead of this License. But first, please read

<https://www.gnu.org/licenses/why-not-lgpl.html>.

GNU Lesser General Public License, Version 2.1

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

<https://fsf.org/>

Everyone is permitted to copy and distribute verbatim copies

of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts

as the successor of the GNU Library Public License, version 2, hence

the version number 2.1.]

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Preamble

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

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

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

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

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.
To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.
\u000C
Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.
Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.
When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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

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

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

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

\u000C

GNU LESSER GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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

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

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

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

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

 Copyright © 1988, 2025, Oracle and/or its affiliates.

and what the program that uses the Library does.

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

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

\u000C

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

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

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

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

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify

 Copyright © 1988, 2025, Oracle and/or its affiliates.

that version instead if you wish.) Do not make any other change in these notices.

\u000C

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

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

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

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

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

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

Section 6 states terms for distribution of such executables.

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

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

\u000C

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

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

 Copyright © 1988, 2025, Oracle and/or its affiliates.

of these things:

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

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

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

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

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

For an executable, the required form of the "work that uses the

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

\u000C

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

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or

 Copyright © 1988, 2025, Oracle and/or its affiliates.

distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

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

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

\u000C

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

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

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

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

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

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

 Copyright © 1988, 2025, Oracle and/or its affiliates.

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

\u000C

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

NO WARRANTY

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

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

END OF TERMS AND CONDITIONS

\u000C

How to Apply These Terms to Your New Libraries

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

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

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

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

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

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

 Copyright © 1988, 2025, Oracle and/or its affiliates.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, see <https://www.gnu.org/licenses/>.
Also add information on how to contact you by electronic and paper mail.
You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:
Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.
<signature of Moe Ghoul>, 1 April 1990
Moe Ghoul, President of Vice
That's all there is to it!

GNU Lesser General Public License, Version 3

GNU LESSER GENERAL PUBLIC LICENSE
Version 3, 29 June 2007
Copyright (C) 2007 Free Software Foundation, Inc. <https://fsf.org/>
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
This version of the GNU Lesser General Public License incorporates
the terms and conditions of version 3 of the GNU General Public
License, supplemented by the additional permissions listed below.
0. Additional Definitions.
As used herein, "this License" refers to version 3 of the GNU Lesser
General Public License, and the "GNU GPL" refers to version 3 of the GNU
General Public License.
"The Library" refers to a covered work governed by this License,
other than an Application or a Combined Work as defined below.
An "Application" is any work that makes use of an interface provided
by the Library, but which is not otherwise based on the Library.

Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

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

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

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

1. Exception to Section 3 of the GNU GPL.

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

2. Conveying Modified Versions.

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

a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or

b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

3. Object Code Incorporating Material from Library Header Files.

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

a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the object code with a copy of the GNU GPL and this license document.

4. Combined Works.

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

a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the Combined Work with a copy of the GNU GPL and this license document.

c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this

Copyright © 1988, 2025, Oracle and/or its affiliates.

License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

5. Combined Libraries.

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

 Copyright © 1988, 2025, Oracle and/or its affiliates.

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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

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

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

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

Guava Licenses

Apache License Version 2.0

Apache License, Version 2.0

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright notice

/*

* Copyright (C) 2024 The Guava Authors

*

* Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except

* in compliance with the License. You may obtain a copy of the License at

*

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

*

* Unless required by applicable law or agreed to in writing, software distributed under the License

* is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express

* or implied. See the License for the specific language governing permissions and limitations under

* the License.

*/

==========

+--- 4th party: com.google.guava:failureaccess

Copyright (C) 2018 The Guava Authors

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

< Apache License Version 2.0>

==========

+--- 4th party: com.google.guava:listenablefuture

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (C) 2007 The Guava Authors

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

< Apache License Version 2.0>

==========

+--- 4th party: com.google.code.findbugs:jsr305

Copyright: JSR305 expert group

License: BSD 3-Clause

Copyright (c) 2007-2009, JSR305 expert group

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of the JSR305 expert group nor the names of its

contributors may be used to endorse or promote products derived from

this software without specific prior written permission.

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

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

== jcip-annotations relicensed to Oracle under BSD 3-clause license

Copyright (c) 2005, Brian Goetz and Tim Peierls

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of the JSR305 expert group nor the names of its

contributors may be used to endorse or promote products derived from

this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,

THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE

POSSIBILITY OF SUCH DAMAGE.

==========

Copyright © 1988, 2025, Oracle and/or its affiliates.

+--- 4th party: com.google.errorprone:error_prone_annotations

Copyright 2023 The Error Prone Authors.

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

< Apache License Version 2.0>

+--- 4th party: com.google.j2objc:j2objc-annotations

Google Inc.

Daniel Connelly

Copyright 2012 Google Inc. All Rights Reserved.

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

< Apache License Version 2.0>

==========

+--- 4th party: org.checkerframework:checker-qual

Copyright 2004-present by the Checker Framework developers

MIT License:

MIT License

==========

HdrHistogram License

The code in this repository code was Written by Gil Tene, Michael Barker, and Matt Warren, and released to the public domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

For users of this code who wish to consume it under the "BSD" license rather than under the public domain or CC0 contribution text mentioned above, the code found under this directory is *also* provided under the following license (commonly referred to as the BSD 2-Clause License). This license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author.

** Beginning of "BSD 2-Clause License" text. **

Copyright (c) 2012, 2013, 2014 Gil Tene

Copyright (c) 2014 Michael Barker

Copyright (c) 2014 Matt Warren

All rights reserved.

BSD 2-Clause License

highline License

https://github.com/JEG2/highline/blob/master/LICENSE

= License Terms

Distributed under the user's choice of the {GPL Version 2}[http://www.gnu.org/licenses/old-licenses/gpl-2.0.html] (see COPYING for details) or the

{Ruby software license}[http://www.ruby-lang.org/en/LICENSE.txt] by

James Edward Gray II and Greg Brown.

Please email James[mailto:james@grayproductions.net] with any questions.

(contents from the file COPYING from site above – Licensing Choice #1)

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

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

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

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

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

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

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

GNU GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you". Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of

 Copyright © 1988, 2025, Oracle and/or its affiliates.

running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

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

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

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

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

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under

Copyright © 1988, 2025, Oracle and/or its affiliates.

these conditions, and telling the user how to view a copy of this
License. (Exception: if the Program itself is interactive but
does not normally print such an announcement, your work based on
the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Program, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote it.
Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.
In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.
3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:
a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections
1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your

 Copyright © 1988, 2025, Oracle and/or its affiliates.

cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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

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

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

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

this License will not have their licenses terminated so long as such parties remain in full compliance.

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

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

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

 Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

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

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

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

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any

Copyright © 1988, 2025, Oracle and/or its affiliates.

later version", you have the option of following the terms and conditions
either of that version or of any later version published by the Free
Software Foundation. If the Program does not specify a version number of
this License, you may choose any version ever published by the Free Software
Foundation.

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

NO WARRANTY

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

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING
WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR
REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES,
INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING
OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED
TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY

 Copyright © 1988, 2025, Oracle and/or its affiliates.

YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

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

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

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

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

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

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

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

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

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

Gnomovision version 69, Copyright (C) year name of author

Copyright © 1988, 2025, Oracle and/or its affiliates.

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.
You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.
(Contents from site https://www.ruby-lang.org/en/about/license.txt -Licensing Choice #2)
Ruby is copyrighted free software by Yukihiro Matsumoto <matz@netlab.jp>.
You can redistribute it and/or modify it under either the terms of the
2-clause BSDL (see the file BSDL), or the conditions below:
1. You may make and give away verbatim copies of the source form of the
software without restriction, provided that you duplicate all of the
original copyright notices and associated disclaimers.
2. You may modify your copy of the software in any way, provided that
you do at least ONE of the following:
a) place your modifications in the Public Domain or otherwise

 Copyright © 1988, 2025, Oracle and/or its affiliates.

make them Freely Available, such as by posting said
modifications to Usenet or an equivalent medium, or by allowing
the author to include your modifications in the software.
b) use the modified software only within your corporation or
organization.
c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d) make other distribution arrangements with the author.
3. You may distribute the software in object code or binary form,
provided that you do at least ONE of the following:
a) distribute the binaries and library files of the software,
together with instructions (in the manual page or equivalent)
on where to get the original distribution.
b) accompany the distribution with the machine-readable source of
the software.
c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d) make other distribution arrangements with the author.
4. You may modify and include the part of the software into any other
software (possibly commercial). But some files in the distribution
are not written by the author, so that they are not under these terms.
For the list of those files and their copying conditions, see the
file LEGAL.
5. The scripts and library files supplied as input to or produced as
output from the software do not automatically fall under the
copyright of the software, but belong to whomever generated them,
and may be sold commercially, and may be aggregated with this
software.
6. THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR

Copyright © 1988, 2025, Oracle and/or its affiliates.

IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

HttpComponents HttpClient Fourth-Party Licenses

4th party dependencies distributed by PeopleSoft for HttpComponents HttpClient:

----------4th party dependencies----------

Apache HttpComponents Core

From the Notice File:

Apache HttpComponents Core

Copyright 2005-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

License File:

Apache License Version 2.0

Apache Commons Logging

From the Notice File:

Apache Commons Logging

Copyright 2003-2014 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

License File:

Apache License Version 2.0

Apache Commons Codec

From the Notice File:

Apache Commons Codec

Copyright 2002-2017 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

 Copyright © 1988, 2025, Oracle and/or its affiliates.

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java

contains test data from http://aspell.net/test/orig/batch0.tab.

Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)

==========

The content of package org.apache.commons.codec.language.bm has been translated

from the original php source code available at http://stevemorse.org/phoneticinfo.htm

with permission from the original authors.

Original source copyright:

Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

License File:

Apache License Version 2.0

ICU License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

ISC License

Permission to use, copy, modify, and distribute this software for any

purpose with or without fee is hereby granted, provided that the above

Copyright © 1988, 2025, Oracle and/or its affiliates.

copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Jakarta XML Binding RI (JAXB) Licenses

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Eclipse Distribution License, Version 1.0

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

This content is produced and maintained by the Eclipse Implementation of JAXB project.

Project home: https://projects.eclipse.org/projects/ee4j.jaxb-impl

Trademarks

Eclipse Implementation of JAXB is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at http://www.eclipse.org/org/documents/edl-v10.php.

SPDX-License-Identifier: BSD-3-Clause

Source Code

The project maintains the following source code repositories:

https://github.com/eclipse-ee4j/jaxb-ri

https://github.com/eclipse-ee4j/jaxb-istack-commons

https://github.com/eclipse-ee4j/jaxb-dtd-parser

https://github.com/eclipse-ee4j/jaxb-fi

 Copyright © 1988, 2025, Oracle and/or its affiliates.

https://github.com/eclipse-ee4j/jaxb-stax-ex

https://github.com/eclipse-ee4j/jax-rpc-ri

Third-party Content

This project leverages the following third party content.

Apache Ant (1.10.2)

License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

Apache Ant (1.10.2)

License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

Apache Felix (1.2.0)

License: Apache License, 2.0

args4j (2.33)

License: MIT License

dom4j (1.6.1)

License: Custom license based on Apache 1.1

file-management (3.0.0)

License: Apache-2.0

Project: https://maven.apache.org/shared/file-management/

Source: https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/

JUnit (4.12)

License: Eclipse Public License

JUnit (4.12)

License: Eclipse Public License

maven-compat (3.5.2)

License: Apache-2.0

Project: https://maven.apache.org/ref/3.5.2/maven-compat/

Source: https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2

maven-core (3.5.2)

License: Apache-2.0

Project: https://maven.apache.org/ref/3.5.2/maven-core/index.html

Copyright © 1988, 2025, Oracle and/or its affiliates.

Source: https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2

maven-plugin-annotations (3.5)

License: Apache-2.0

Project: https://maven.apache.org/plugin-tools/maven-plugin-annotations/

Source: https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations

maven-plugin-api (3.5.2)

License: Apache-2.0

maven-resolver-api (1.1.1)

License: Apache-2.0

maven-resolver-api (1.1.1)

License: Apache-2.0

maven-resolver-connector-basic (1.1.1)

License: Apache-2.0

maven-resolver-impl (1.1.1)

License: Apache-2.0

maven-resolver-spi (1.1.1)

License: Apache-2.0

maven-resolver-transport-file (1.1.1)

License: Apache-2.0

Project: https://maven.apache.org/resolver/maven-resolver-transport-file/

Source: https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file

maven-resolver-util (1.1.1)

License: Apache-2.0

maven-settings (3.5.2)

License: Apache-2.0

Source: https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2

OSGi Service Platform Core Companion Code (6.0)

License: Apache License, 2.0

plexus-archiver (3.5)

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License: Apache-2.0

Project: https://codehaus-plexus.github.io/plexus-archiver/

Source: https://github.com/codehaus-plexus/plexus-archiver

plexus-io (3.0.0)

License: Apache-2.0

plexus-utils (3.1.0)

License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana University Extreme! Lab Software License V1.1.1 (Apache 1.1 style)

relaxng-datatype (1.0)

License: New BSD license

Sax (0.2)

License: SAX-PD

Project: http://www.megginson.com/downloads/SAX/

Source: http://sourceforge.net/project/showfiles.php?group_id=29449

testng (6.14.2)

License: Apache-2.0 AND (MIT OR GPL-1.0+)

Project: https://testng.org/doc/index.html

Source: https://github.com/cbeust/testng

wagon-http-lightweight (3.0.0)

License: Pending

Project: https://maven.apache.org/wagon/

Source: https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0

xz for java (1.8)

License: LicenseRef-Public-Domain

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

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

== NAME OF DEPENDENCY 1

Copyright © 1988, 2025, Oracle and/or its affiliates.

jakarta.xml.bind:jakarta.xml.bind-api

== License

Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved.

Eclipse Distribution License, Version 1.0

== Copyright Notices

Notices for Jakarta XML Binding

This content is produced and maintained by the Jakarta XML Binding project.

Project home: https://projects.eclipse.org/projects/ee4j.jaxb

Trademarks

Jakarta XML Binding is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at http://www.eclipse.org/org/documents/edl-v10.php.

SPDX-License-Identifier: BSD-3-Clause

Source Code

The project maintains the following source code repositories:

https://github.com/eclipse-ee4j/jaxb-api

https://github.com/eclipse-ee4j/jaxb-tck

Third-party Content

This project leverages the following third party content.

Apache River (3.0.0)

License: Apache-2.0 AND BSD-3-Clause

ASM 7 (n/a)

License: BSD-3-Clause

Project: https://asm.ow2.io/

Source: https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~~~~kw,versionexpand

JTHarness (5.0)

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)

Project: https://wiki.openjdk.java.net/display/CodeTools/JT+Harness

Source: http://hg.openjdk.java.net/code-tools/jtharness/

normalize.css (3.0.2)

License: MIT

SigTest (n/a)

License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

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

== NAME OF DEPENDENCY 2

com.sun.activation:jakarta.activation

== License

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Eclipse Distribution License, Version 1.0

== Copyright Notices

Notices for Jakarta Activation

This content is produced and maintained by Jakarta Activation project.

Project home: https://projects.eclipse.org/projects/ee4j.jaf

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0, which is available at http://www.eclipse.org/org/documents/edl-v10.php.

SPDX-License-Identifier: BSD-3-Clause

Source Code

The project maintains the following source code repositories:

https://github.com/eclipse-ee4j/jaf

jCrop Fourth-Party Licenses

4th party dependencies distributed by PeopleSoft for jCrop:

Fourth party dependencies

http-server version 0.11.1

resize-observer-polyfill version 1.5.0

http-server version 0.11.1

Copyright (c) 2011 Charlie Robbins, Marak Squires, and the Contributors.

Licensed under MIT https://github.com/indexzero/http-server/blob/master/LICENSE

Copyright (c) 2011 Charlie Robbins, Marak Squires, and the Contributors.

MIT License

Dependencies of http-server (8)

colors version 1.0.3

corser version 2.0.0

ecstatic version 3.0.0

http-proxy version 1.8.1

opener version 1.4.0

optimist version 0.6.x

portfinder version 1.0.13

union version 0.4.3

colors version 1.0.3

Original Library

- Copyright (c) Marak Squires

Additional Functionality

- Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

Licensed under MIT https://github.com/Marak/colors.js/blob/master/LICENSE

MIT License

Original Library

 Copyright © 1988, 2025, Oracle and/or its affiliates.

- Copyright (c) Marak Squires

Additional Functionality

- Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

MIT License

corser version 2.0.0

Copyright (C) 2012 Alexander Grüneberg

Licensed under MIT https://github.com/agrueneberg/Corser/blob/master/LICENSE

Copyright (C) 2012 Alexander Grüneberg

MIT License

ecstatic version 3.0.0

Copyright (c) 2013-2015 Joshua Holbrook and contributors

Licensed under MIT https://github.com/jfhbrook/node-ecstatic/blob/master/LICENSE.txt

The MIT License (MIT)

Copyright (c) 2013-2015 Joshua Holbrook and contributors

MIT License

Dependencies (4)

he version 1.1.1

Copyright Mathias Bynens <https://mathiasbynens.be/>

License: https://github.com/jfromaniello/url-join/blob/master/LICENSE

MIT License

Copyright (c) 2015 José F. Romaniello

MIT License

mime version 1.6.0

Copyright (c) 2010 Benjamin Thomas, Robert Kieffer

License: https://github.com/broofa/node-mime/blob/master/LICENSE

The MIT License (MIT)

Copyright (c) 2010 Benjamin Thomas, Robert Kieffer

MIT License

minimist version 1.1.0

License: https://github.com/substack/minimist/blob/master/LICENSE

This software is released under the MIT license:

MIT License

url-join version 2.0.5

Copyright (c) 2015 José F. Romaniello

License: https://github.com/jfromaniello/url-join/blob/master/LICENSE

MIT License

Copyright (c) 2015 José F. Romaniello

MIT License

http-proxy version 1.8.1

Copyright (c) 2010-2016 Charlie Robbins, Jarrett Cruger & the Contributors.

Licensed under MIT https://github.com/nodejitsu/node-http-proxy/blob/master/LICENSE

node-http-proxy

Copyright (c) 2010-2016 Charlie Robbins, Jarrett Cruger & the Contributors.

MIT License

Dependencies (3)

eventemitter3 version 3.0.0

Copyright (c) 2014 Arnout Kazemier

License: https://github.com/primus/eventemitter3/blob/master/LICENSE

The MIT License (MIT)

Copyright (c) 2014 Arnout Kazemier

MIT License

requires-port version 1.0.0

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

License: https://github.com/unshiftio/requires-port/blob/master/LICENSE

The MIT License (MIT)

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

MIT License

follow-redirects version 1.0.0

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2014–present Olivier Lalonde <olalonde@gmail.com>, James Talmage <james@talmage.io>, Ruben Verborgh

License: https://github.com/follow-redirects/follow-redirects/blob/master/LICENSE

Copyright 2014–present Olivier Lalonde <olalonde@gmail.com>, James Talmage <james@talmage.io>, Ruben Verborgh

MIT License

opener version 1.4.0

https://github.com/domenic/opener/blob/master/LICENSE.txt

Dual licensed under WTFPL and MIT:

Oracle elects the MIT license.

The MIT License (MIT)

Copyright © 2012–2018 Domenic Denicola <d@domenic.me>

MIT License

optimist version 0.6.x

Copyright 2010 James Halliday (mail@substack.net)

License: MIT/X11 license https://github.com/substack/node-optimist/blob/master/LICENSE

Copyright 2010 James Halliday (mail@substack.net)

This project is free software released under the MIT/X11 license:

MIT License

Dependencies (2)

wordwrap version 0.0.2

Licensed under MIT https://github.com/substack/node-wordwrap/blob/master/LICENSE

This software is released under the MIT license: MIT License.

minimist version 0.0.1

Licensed under MIT https://github.com/substack/minimist/blob/master/LICENSE

This software is released under the MIT license:

MIT License

portfinder version 1.0.13

Copyright (c) 2012 Charlie Robbins

Licensed under MIT https://github.com/indexzero/node-portfinder/blob/master/LICENSE

node-portfinder

Copyright (c) 2012 Charlie Robbins

MIT License.

© 2019 GitHub, Inc.

Dependencies (3)

async version 1.5.2

Copyright (c) 2010-2018 Caolan McMahon

Licensed under MIT https://github.com/caolan/async/blob/master/LICENSE

Copyright (c) 2010-2018 Caolan McMahon

MIT License

debug version 2.2.0

Copyright (c) 2014 TJ Holowaychuk <tj@vision-media.ca>

Licensed under MIT https://github.com/visionmedia/debug/blob/master/LICENSE

(The MIT License)

Copyright (c) 2014 TJ Holowaychuk <tj@vision-media.ca>

MIT License

Dependencies (1)

ms version 2.1.1

Copyright (c) 2016 Zeit, Inc.

Licensed under MIT https://github.com/zeit/ms/blob/master/license.md

The MIT License (MIT)

Copyright (c) 2016 Zeit, Inc.

MIT License

mkdirp version 0.5.x

Copyright 2010 James Halliday (mail@substack.net)

License: MIT/X11 license https://github.com/substack/node-mkdirp/blob/master/LICENSE

Copyright 2010 James Halliday (mail@substack.net)

This project is free software released under the MIT/X11 license:

Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

Dependencies (1)

minimist version 0.0.8

Licensed under MIT https://github.com/substack/minimist/blob/master/LICENSE

This software is released under the MIT license: MIT License.

union version 0.4.3

Copyright (c) 2010 Charlie Robbins & the Contributors.

Licensed under MIT https://github.com/flatiron/union/blob/master/LICENSE

Copyright (c) 2010 Charlie Robbins & the Contributors.

MIT License

Dependencies (2)

qs version 6.4.0

Copyright (c) 2014 Nathan LaFreniere and other contributors.

License: BSD-3-Clause https://github.com/ljharb/qs/blob/master/LICENSE

Pkginfo

Copyright (c) 2014 Nathan LaFreniere and other contributors.

All rights reserved.

BSD 3-Clause License

* * *

The complete list of contributors can be found at: https://github.com/hapijs/qs/graphs/contributors

Copyright (c) 2010 Charlie Robbins.

Licensed under MIT https://github.com/indexzero/node-pkginfo/blob/master/LICENSE

Copyright (c) 2010 Charlie Robbins.

MIT License

© 2019 GitHub, Inc.

resize-observer-polyfill version 1.5.0

Copyright (c) 2016 Denis Rul

Licensed under MIT https://github.com/que-etc/resize-observer-polyfill/blob/master/LICENSE

The MIT License (MIT)

Copyright (c) 2016 Denis Rul

MIT License

JNA License

JNA is dual-licensed under 2 alternative Open Source/Free licenses: LGPL 2.1 and Apache License 2.0. (starting with JNA version 4.0.0).

What this means is that one can choose either one of these licenses (for purposes of re-distributing JNA; usually by including it as one of jars another application or library uses) by downloading corresponding jar file, using it, and living happily everafter.

You may obtain a copy of the LGPL License at:

http://www.gnu.org/licenses/licenses.html

A copy is also included in the downloadable source code package containing JNA, in file "LGPL2.1", under the same directory as this file.

You may obtain a copy of the ASL License at:

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

A copy is also included in the downloadable source code package containing JNA, in file "ASL2.0", under the same directory as this file.

JRuby Licenses

JRuby is Copyright (c) 2007-2018 The JRuby project, and is released

under a tri EPL/GPL/LGPL license. You can use it, redistribute it

and/or modify it under the terms of the:

Eclipse Public License version 2.0

OR

GNU General Public License version 2

OR

GNU Lesser General Public License version 2.1

jnr-posix (https://github.com/jnr/jnr-posix),

jruby-openssl (https://github.com/jruby/jruby-openssl),

jruby-readline (https://github.com/jruby/jruby-readline),

yydebug (https://github.com/jruby/jay-yydebug/)

 Copyright © 1988, 2025, Oracle and/or its affiliates.

are released under the same copyright/license.

Some additional libraries distributed with JRuby are not covered by
JRuby's licence. Most of these libraries and their licenses are listed
below. Also see LICENSE.RUBY for most files found in lib/ruby/stdlib.

asm (http://asm.objectweb.org) is distributed under the BSD license and is
Copyright (c) 2000-2011 INRIA, France Telecom
All rights reserved.

jline2 (https://github.com/jline/jline2) is distributed under the BSD license:
Copyright (c) 2002-2012, the original author or authors.
All rights reserved.

jzlib (http://www.jcraft.com/jzlib/) is distributed under the BSD license:
Copyright (c) 2000-2011 ymnk, JCraft,Inc. All rights reserved.

The "rake" library (https://github.com/ruby/rake) is distributed under
the MIT license, and has the following copyright:
Copyright (c) 2003, 2004 Jim Weirich

jcodings (http://github.com/jruby/jcodings) and
joni (http://github.com/jruby/joni) are distributed
under the MIT license without copyright.

Bouncycastle is released under the MIT license:
Copyright (c) 2000 - 2006 The Legion Of The Bouncy Castle.

jnr-x86asm (https://github.com/jnr/jnr-x86asm) is distributed under the MIT
license with the following copyright:
Copyright (C) 2010 Wayne Meissner
Copyright (c) 2008-2009, Petr Kobalicek <kobalicek.petr@gmail.com>

psych (https://github.com/ruby/psych) is distributed under the MIT license:
Copyright (c) 2009 Aaron Patterson, et al.

The following libraries are redistributed under the Apache Software
License v2.0, available below.

invokebinder (https://github.com/headius/invokebinder)

jffi (https://github.com/jnr/jffi)

jitescript (https://github.com/qmx/jitescript)

jnr-constants (http://github.com/jnr/jnr-constants)

jnr-enxio (https://github.com/jnr/jnr-enxio)

jnr-ffi (https://github.com/jnr/jnr-jffi)

jnr-netdb (http://github.com/jnr/jnr-netdb)

jnr-unixsocket (https://github.com/jnr/jnr-unixsocket)

joda-time (http://joda-time.sourceforge.net)

maven (http://maven.apache.org/)

options (https://github.com/headius/options)

snakeyaml (https://github.com/asomov/snakeyaml)

unsafe-fences (https://github.com/headius/unsafe-fences)

racc (runtime only, https://github.com/tenderlove/racc) is

distributed under the same license terms as the Ruby standard

library. This includes all files under lib/ruby/stdlib/racc.

See LICENSE.RUBY.

json-generator and json-parser (https://github.com/flori/json) native

extenstions under the same license terms as the Ruby standard library.

See LICENSE.RUBY

The complete text of the Eclipse Public License is as follows:

Eclipse Public License, Version 2.0

The complete text of the GNU General Public License v2 is as follows:

GNU General Public License, Version 2

The complete text of the GNU Lesser General Public License 2.1 is as follows:

GNU Lesser General Public License, Version 2.1

The following licenses cover code other than JRuby which is included with JRuby.

Licenses listed below include:

* Apache 2.0 License

* BSD License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* MIT License

The complete text of the Apache 2.0 License is as follows:

Apache License, Version 2.0

The complete text of the BSD license can be is as follows:

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

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

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

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

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF

THE POSSIBILITY OF SUCH DAMAGE.

The complete text of the MIT license is as follows:

MIT License

Copyright © 1988, 2025, Oracle and/or its affiliates.

The full text of the zlib licence:

Copyright (C) 1995-2013 Jean-loup Gailly and Mark Adler

Zlib Data Compression Library License

4th party dependencies

Bundler

Rake

minitest

Jar-dependencies

lrb

License: MIT

MIT License

Erb

rubygems-update

License: Ruby

Ruby is copyrighted free software by Yukihiro Matsumoto <matz@netlab.jp>.

You can redistribute it and/or modify it under either the terms of the

2-clause BSDL (see the file BSDL), or the conditions below:

1. You may make and give away verbatim copies of the source form of the

software without restriction, provided that you duplicate all of the

original copyright notices and associated disclaimers.

2. You may modify your copy of the software in any way, provided that

you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise

make them Freely Available, such as by posting said

modifications to Usenet or an equivalent medium, or by allowing

the author to include your modifications in the software.

b) use the modified software only within your corporation or

organization.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d) make other distribution arrangements with the author.
3. You may distribute the software in object code or binary form,
provided that you do at least ONE of the following:
a) distribute the binaries and library files of the software,
together with instructions (in the manual page or equivalent)
on where to get the original distribution.
b) accompany the distribution with the machine-readable source of
the software.
c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d) make other distribution arrangements with the author.
4. You may modify and include the part of the software into any other
software (possibly commercial). But some files in the distribution
are not written by the author, so that they are not under these terms.
For the list of those files and their copying conditions, see the
file LEGAL.
5. The scripts and library files supplied as input to or produced as
output from the software do not automatically fall under the
copyright of the software, but belong to whomever generated them,
and may be sold commercially, and may be aggregated with this
software.
6. THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE.

Racc

Copyright © 1988, 2025, Oracle and/or its affiliates.

prime

power_assert

net-smtp

net-imap

net-ftp

matrix

net-pop

License: Ruby, BSD-2-Clause

JRuby distributes some ruby modules which are distributed under Ruby license:

Ruby is copyrighted free software by Yukihiro Matsumoto <matz@netlab.jp>.

You can redistribute it and/or modify it under either the terms of the

2-clause BSDL (see the file BSDL), or the conditions below:

1. You may make and give away verbatim copies of the source form of the

software without restriction, provided that you duplicate all of the

original copyright notices and associated disclaimers.

2. You may modify your copy of the software in any way, provided that

you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise

make them Freely Available, such as by posting said

modifications to Usenet or an equivalent medium, or by allowing

the author to include your modifications in the software.

b) use the modified software only within your corporation or

organization.

c) give non-standard binaries non-standard names, with

instructions on where to get the original software distribution.

d) make other distribution arrangements with the author.

3. You may distribute the software in object code or binary form,

provided that you do at least ONE of the following:

a) distribute the binaries and library files of the software,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

together with instructions (in the manual page or equivalent)
on where to get the original distribution.
b) accompany the distribution with the machine-readable source of
the software.
c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d) make other distribution arrangements with the author.
4. You may modify and include the part of the software into any other
software (possibly commercial). But some files in the distribution
are not written by the author, so that they are not under these terms.
For the list of those files and their copying conditions, see the
file LEGAL.
5. The scripts and library files supplied as input to or produced as
output from the software do not automatically fall under the
copyright of the software, but belong to whomever generated them,
and may be sold commercially, and may be aggregated with this
software.
6. THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE.
Test-unit
License: Ruby, BSDL, PSFL
test-unit is copyrighted free software by Kouhei Sutou
<kou@cozmixng.org>, Ryan Davis <ryand-ruby@zenspider.com>
and Nathaniel Talbott <nathaniel@talbott.ws>.
You can redistribute it and/or modify it under either the terms of the
2-clause BSDL (see the file BSDL), or the conditions below:
1. You may make and give away verbatim copies of the source form of the

Copyright © 1988, 2025, Oracle and/or its affiliates.

software without restriction, provided that you duplicate all of the
original copyright notices and associated disclaimers.
2. You may modify your copy of the software in any way, provided that
you do at least ONE of the following:
a. place your modifications in the Public Domain or otherwise
make them Freely Available, such as by posting said
modifications to Usenet or an equivalent medium, or by allowing
the author to include your modifications in the software.
b. use the modified software only within your corporation or
organization.
c. give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d. make other distribution arrangements with the author.
3. You may distribute the software in object code or binary form,
provided that you do at least ONE of the following:
a. distribute the binaries and library files of the software,
together with instructions (in the manual page or equivalent)
on where to get the original distribution.
b. accompany the distribution with the machine-readable source of
the software.
c. give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d. make other distribution arrangements with the author.
4. You may modify and include the part of the software into any other
software (possibly commercial). But some files in the distribution
are not written by the author, so that they are not under these terms.
For the list of those files and their copying conditions, see the
file LEGAL.
5. The scripts and library files supplied as input to or produced as

 Copyright © 1988, 2025, Oracle and/or its affiliates.

output from the software do not automatically fall under the

copyright of the software, but belong to whomever generated them,

and may be sold commercially, and may be aggregated with this

software.

6. THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR

IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR

PURPOSE.

Exceptions

---

* lib/test/unit/diff.rb: This license and PSF license

---

rss

rexml

rdoc

BSDL-2-Clause

Copyright (C) 1993-2013 Yukihiro Matsumoto

BSD 2-Clause License

jTidy License

URL for license - http://jtidy.sourceforge.net/license.html

Java HTML Tidy - JTidy

HTML parser and pretty printer

Copyright (c) 1998-2000 world wide web consortium (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio university). All Rights Reserved.

Contributing Author(s):

Dave Raggett Andy Quick (translation to Java)

Gary L Peskin (Java development)

Sami Lempinen (release management)

The contributing author(s) would like to thank all those who helped with testing, bug fixes, and patience. This wouldn't have been possible without all of you.

COPYRIGHT NOTICE:

This software and documentation is provided "as is," and the copyright holders and contributing author(s) make no representations or warranties, express or implied, including but not limited to, warranties of merchantability or fitness for any particular purpose or that the use of the software or documentation will not infringe any third party patents, copyrights, trademarks or other rights.

The copyright holders and contributing author(s) will not be liable for any direct, indirect, special or consequential damages arising out of any use of the software or documentation, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, documentation and executables, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.

3. This copyright notice may not be removed or altered from any source or altered source distribution.

The copyright holders and contributing author(s) specifically permit, without fee, and encourage the use of this source code as a component for supporting the Hypertext Markup Language in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

Lexilla Licenses

License for Lexilla, Scintilla, and SciTE

Scintilla License

// Scintilla source code edit control

/** @file LexA68k.cxx

** Lexer for Assembler, just for the MASM syntax

** Written by Martial Demolins AKA Folco

**/

// Copyright 2010 Martial Demolins <mdemolins(a)gmail.com>

// The License.txt file describes the conditions under which this software

// may be distributed.

// Scintilla source code edit control

/** @file LexAbaqus.cxx

 Copyright © 1988, 2025, Oracle and/or its affiliates.

** Lexer for ABAQUS. Based on the lexer for APDL by Hadar Raz.

** By Sergio Lucato.

** Sort of completely rewritten by Gertjan Kloosterman

**/

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexAda.cxx

** Lexer for Ada 95

**/

// Copyright 2002 by Sergey Koshcheyev <sergey.k@seznam.cz>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexAPDL.cxx

** Lexer for APDL. Based on the lexer for Assembler by The Black Horus.

** By Hadar Raz.

**/

// Copyright 1998-2003 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/**

* LexAsciidoc.cxx

*

* A simple Asciidoc lexer for scintilla.

*

* Based on the LexMarkdown.cxx by Jon Strait - jstrait@moonloop.net

*

* The License.txt file describes the conditions under which this

* software may be distributed.

*

**/

// Scintilla source code edit control

/** @file LexAsm.cxx

** Lexer for Assembler, just for the MASM syntax

** Written by The Black Horus

** Enhancements and NASM stuff by Kein-Hong Man, 2003-10

** SCE_ASM_COMMENTBLOCK and SCE_ASM_CHARACTER are for future GNU as colouring

** Converted to lexer object and added further folding features/properties by "Udo Lechner" <dlchnr(at)gmx(dot)net>

**/

// Copyright 1998-2003 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexAsn1.cxx

** Lexer for ASN.1

**/

// Copyright 2004 by Herr Pfarrer rpfarrer <at> yahoo <dot> de

// Last Updated: 20/07/2004

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

// @file LexASY.cxx

//Author: instanton (email: soft_share<at>126<dot>com)

// This lexer is for the Asymptote vector graphics language

// https://en.wikipedia.org/wiki/Asymptote_(vector_graphics_language)

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

// @file LexAU3.cxx

// Lexer for AutoIt3 https://www.autoitscript.com/site/

// by Jos van der Zande, jvdzande@yahoo.com

//

// Copyright for Scintilla: 1998-2001 by Neil Hodgson <neilh@scintilla.org>

 Copyright © 1988, 2025, Oracle and/or its affiliates.

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

// SciTE - Scintilla based Text Editor

/** @file LexAVE.cxx

** Lexer for Avenue.

**

** Written by Alexey Yutkin <yutkin@geol.msu.ru>.

**/

// Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexAVS.cxx

** Lexer for AviSynth.

**/

// Copyright 2012 by Bruno Barbieri <brunorex@gmail.com>

// Heavily based on LexPOV by Neil Hodgson

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexBaan.cxx

** Lexer for Baan.

** Based heavily on LexCPP.cxx

**/

// Copyright 2001- by Vamsi Potluru <vamsi@who.net> & Praveen Ambekar <ambekarpraveen@yahoo.com>

// Maintainer Email: oirfeodent@yahoo.co.in

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexBash.cxx

** Lexer for Bash.

**/

// Copyright 2004-2012 by Neil Hodgson <neilh@scintilla.org>

// Adapted from LexPerl by Kein-Hong Man 2004

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexBasic.cxx

** Lexer for BlitzBasic and PureBasic.

** Converted to lexer object and added further folding features/properties by "Udo Lechner" <dlchnr(at)gmx(dot)net>

**/

// Copyright 1998-2003 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexBatch.cxx

** Lexer for batch files.

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Copyright 2008-2010 Sergiu Dotenco. The License.txt file describes the

// conditions under which this software may be distributed.

/**

* @file LexBibTeX.cxx

* @brief General BibTeX coloring scheme.

* @author Sergiu Dotenco

* @date April 18, 2009

*/

// Scintilla source code edit control

/** @file LexCaml.cxx

** Lexer for Objective Caml.

**/

// Copyright 2005-2009 by Robert Roessler <robertr@rftp.com>

 Copyright © 1988, 2025, Oracle and/or its affiliates.

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexCIL.cxx

** Lexer for Common Intermediate Language

** Written by Jad Altahan (github.com/xv)

** CIL manual: https://www.ecma-international.org/publications/standards/Ecma-335.htm

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexCLW.cxx

** Lexer for Clarion.

** 2004/12/17 Updated Lexer

**/

// Copyright 2003-2004 by Ron Schofield <ron@schofieldcomputer.com>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexCmake.cxx

** Lexer for Cmake

**/

// Copyright 2007 by Cristian Adam <cristian [dot] adam [at] gmx [dot] net>

// based on the NSIS lexer

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexCOBOL.cxx

** Lexer for COBOL

** Based on LexPascal.cxx

** Written by Laurent le Tynevez

** Updated by Simon Steele <s.steele@pnotepad.org> September 2002

Copyright © 1988, 2025, Oracle and/or its affiliates.

** Updated by Mathias Rauen <scite@madshi.net> May 2003 (Delphi adjustments)

** Updated by Rod Falck, Aug 2006 Converted to COBOL

**/

// Scintilla source code edit control

/** @file LexCoffeeScript.cxx

** Lexer for CoffeeScript.

**/

// Copyright 1998-2011 by Neil Hodgson <neilh@scintilla.org>

// Based on the Scintilla C++ Lexer

// Written by Eric Promislow <ericp@activestate.com> in 2011 for the Komodo IDE

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexConf.cxx

** Lexer for Apache Configuration Files.

**

** First working version contributed by Ahmad Zawawi <ahmad.zawawi@gmail.com> on October 28, 2000.

** i created this lexer because i needed something pretty when dealing

** when Apache Configuration files...

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexCPP.cxx

** Lexer for C++, C, Java, and JavaScript.

** Further folding features and configuration properties added by "Udo Lechner" <dlchnr(at)gmx(dot)net>

**/

// Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

// Scintilla source code edit control

/** @file LexCrontab.cxx

** Lexer to use with extended crontab files used by a powerful

** Windows scheduler/event monitor/automation manager nnCron.

** (http://nemtsev.eserv.ru/)

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexCsound.cxx

** Lexer for Csound (Orchestra & Score)

** Written by Georg Ritter - <ritterfuture A T gmail D O T com>

**/

// Copyright 1998-2003 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

// Encoding: UTF-8

/** @file LexCSS.cxx

** Lexer for Cascading Style Sheets

** Written by Jakub Vrána

** Improved by Philippe Lhoste (CSS2)

** Improved by Ross McKay (SCSS mode; see http://sass-lang.com/)

**/

// Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexD.cxx

** Lexer for D.

**

** Copyright (c) 2006 by Waldemar Augustyn <waldemar@wdmsys.com>

** Converted to lexer object and added further folding features/properties by "Udo Lechner" <dlchnr(at)gmx(dot)net>

**/

// Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexDataflex.cxx

** Lexer for DataFlex.

** Based on LexPascal.cxx

** Written by Wil van Antwerpen, June 2019

**/

/*

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexDiff.cxx

** Lexer for diff results.

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexDMAP.cxx

** Lexer for MSC Nastran DMAP.

** Written by Mark Robinson, based on the Fortran lexer by Chuan-jian Shen, Last changed Aug. 2013

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexDMIS.cxx

** Lexer for DMIS.

**/

 Copyright © 1988, 2025, Oracle and/or its affiliates.

// Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

// Copyright 2013-2014 by Andreas Tscharner <andy@vis.ethz.ch>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexECL.cxx

** Lexer for ECL.

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla Lexer for EDIFACT

// @file LexEDIFACT.cxx

// Written by Iain Clarke, IMCSoft & Inobiz AB.

// EDIFACT documented here: https://www.unece.org/cefact/edifact/welcome.html

// and more readably here: https://en.wikipedia.org/wiki/EDIFACT

// This code is subject to the same license terms as the rest of the scintilla project:

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexEiffel.cxx

** Lexer for Eiffel.

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

// Encoding: UTF-8

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexErlang.cxx

** Lexer for Erlang.

** Enhanced by Etienne 'Lenain' Girondel (lenaing@gmail.com)

Copyright © 1988, 2025, Oracle and/or its affiliates.

** Originally wrote by Peter-Henry Mander,

** based on Matlab lexer by José Fonseca.

**/

// Scintilla source code edit control

/** @file LexErrorList.cxx

** Lexer for error lists. Used for the output pane in SciTE.

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexEScript.cxx

** Lexer for ESCRIPT

**/

// Copyright 2003 by Patrizio Bekerle (patrizio@bekerle.com)

// Scintilla source code edit control

/** @file LexFlagship.cxx

** Lexer for Harbour and FlagShip.

** (Syntactically compatible to other xBase dialects, like Clipper, dBase, Clip, FoxPro etc.)

**/

// Copyright 2005 by Randy Butler

// Copyright 2010 by Xavi <jarabal/at/gmail.com> (Harbour)

// Copyright 1998-2003 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexForth.cxx

** Lexer for FORTH

**/

// Copyright 1998-2003 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

// Scintilla source code edit control

/** @file LexFortran.cxx

** Lexer for Fortran.

** Written by Chuan-jian Shen, Last changed Sep. 2003

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/**

* @file LexFSharp.cxx

* Lexer for F# 5.0

* Copyright (c) 2021 Robert Di Pardo <dipardo.r@gmail.com>

* Parts of LexerFSharp::Lex were adapted from LexCaml.cxx by Robert Roessler ("RR").

* Parts of LexerFSharp::Fold were adapted from LexCPP.cxx by Neil Hodgson and Udo Lechner.

* The License.txt file describes the conditions under which this software may be distributed.

*/

// Scintilla source code edit control

/** @file LexGAP.cxx

** Lexer for the GAP language. (The GAP System for Computational Discrete Algebra)

** http://www.gap-system.org

**/

// Copyright 2007 by Istvan Szollosi (szteven <at> gmail <dot> com)

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexGDScript.cxx

** Lexer for GDScript.

**/

// Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>

// Heavily modified later for GDScript

// The License.txt file describes the conditions under which this software may be distributed.

Copyright © 1988, 2025, Oracle and/or its affiliates.

// Scintilla source code edit control

// Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>

// @file LexGui4Cli.cxx

/*

This is the Lexer for Gui4Cli, included in SciLexer.dll

- by d. Keletsekis, 2/10/2003

* LexHaskell.cxx

*

* A haskell lexer for the scintilla code control.

* Some stuff "lended" from LexPython.cxx and LexCPP.cxx.

* External lexer stuff inspired from the caml external lexer.

* Folder copied from Python's.

*

* Written by Tobias Engvall - tumm at dtek dot chalmers dot se

*

* Several bug fixes by Krasimir Angelov - kr.angelov at gmail.com

*

* Improved by kudah <kudahkukarek@gmail.com>

/** @file LexHex.cxx

** Lexers for Motorola S-Record, Intel HEX and Tektronix extended HEX.

**

** Written by Markus Heidelberg

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexHollywood.cxx

** Lexer for Hollywood

** Written by Andreas Falkenhahn, based on the BlitzBasic/PureBasic/Lua lexers

** Thanks to Nicholai Benalal

 Copyright © 1988, 2025, Oracle and/or its affiliates.

** For more information on Hollywood, see http://www.hollywood-mal.com/

** Mail me (andreas <at> airsoftsoftwair <dot> de) for any bugs.

** This code is subject to the same license terms as the rest of the Scintilla project:

** The License.txt file describes the conditions under which this software may be distributed.

**/

/** @file LexHTML.cxx

** Lexer for HTML.

**/

// Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexIndent.cxx

** Lexer for no language. Used for indentation-based folding of files.

**/

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexInno.cxx

** Lexer for Inno Setup scripts.

**/

// Written by Friedrich Vedder <fvedd@t-online.de>, using code from LexOthers.cxx.

// Modified by Michael Heath.

// The License.txt file describes the conditions under which this software may be distributed.

/**

* @file LexJSON.cxx

* @date February 19, 2016

* @brief Lexer for JSON and JSON-LD formats

* @author nkmathew

*

* The License.txt file describes the conditions under which this software may

* be distributed.

*

```
*/
// Encoding: UTF-8
/** @file LexJulia.cxx
** Lexer for Julia.
** Reusing code from LexMatlab, LexPython and LexRust
**
** Written by Bertrand Lacoste
**
**/
// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>
// The License.txt file describes the conditions under which this software may be distributed.
/** @file LexKix.cxx
** Lexer for KIX-Scripts.
**/
// Copyright 2004 by Manfred Becker <manfred@becker-trdf.de>
// The License.txt file describes the conditions under which this software may be distributed.
// Edited by Lee Wilmott (24-Jun-2014) added support for block comments
/** @file LexKVIrc.cxx
** Lexer for KVIrc script.
**/
// Copyright 2013 by OmegaPhil <OmegaPhil+scintilla@gmail.com>, based in
// part from LexPython Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>
// and LexCmake Copyright 2007 by Cristian Adam <cristian [dot] adam [at] gmx [dot] net>
// The License.txt file describes the conditions under which this software may be distributed.
/** @file LexLaTeX.cxx
** Lexer for LaTeX2e.
**/
// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>
// The License.txt file describes the conditions under which this software may be distributed.
```


Copyright © 1988, 2025, Oracle and/or its affiliates.

// Modified by G. HU in 2013. Added folding, syntax highting inside math environments, and changed some minor behaviors.

/** @file LexLisp.cxx

** Lexer for Lisp.

** Written by Alexey Yutkin.

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexLout.cxx

** Lexer for the Basser Lout (>= version 3) typesetting language

**/

// Copyright 2003 by Kein-Hong Man <mkh@pl.jaring.my>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexLua.cxx

** Lexer for Lua language.

**

** Written by Paul Winwood.

** Folder by Alexey Yutkin.

** Modified by Marcos E. Wurzius & Philippe Lhoste

**/

/**

* @file LexMagik.cxx

* Lexer for GE(r) Smallworld(tm) MagikSF

*/

// Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexMake.cxx

** Lexer for make files.

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

Copyright © 1988, 2025, Oracle and/or its affiliates.

// The License.txt file describes the conditions under which this software may be distributed.

* LexMarkdown.cxx

*

* A simple Markdown lexer for scintilla.

*

* Includes highlighting for some extra features from the

* Pandoc implementation; strikeout, using '#.' as a default

* ordered list item marker, and delimited code blocks.

*

*

* Written by Jon Strait - jstrait@moonloop.net

*

* The License.txt file describes the conditions under which this

* software may be distributed.

*

// Encoding: UTF-8

/** @file LexMatlab.cxx

** Lexer for Matlab.

** Written by José Fonseca

**

** Changes by Christoph Dalitz 2003/12/04:

** - added support for Octave

** - Strings can now be included both in single or double quotes

**

** Changes by John Donoghue 2012/04/02

** - added block comment (and nested block comments)

** - added ... displayed as a comment

** - removed unused IsAWord functions

** - added some comments

 Copyright © 1988, 2025, Oracle and/or its affiliates.

**

** Changes by John Donoghue 2014/08/01

** - fix allowed transpose ' after {} operator

**

** Changes by John Donoghue 2016/11/15

** - update matlab code folding

**

** Changes by John Donoghue 2017/01/18

** - update matlab block comment detection

**

** Changes by Andrey Smolyakov 2022/04/15

** - add support for "arguments" block and class definition syntax

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexMaxima.cxx

** Lexer for Maxima (http://maxima.sourceforge.net).

** Written by Gunter Königsmann based on the lisp lexer by Alexey Yutkin and Neil Hodgson .

**/

// Copyright 2018 by Gunter Königsmann <wxMaxima@physikbuch.de>

// The License.txt file describes the conditions under which this software may be distributed.

// @file LexMetapost.cxx - general context conformant metapost coloring scheme

// Author: Hans Hagen - PRAGMA ADE - Hasselt NL - www.pragma-ade.com

// Version: September 28, 2003

// Modified by instanton: July 10, 2007

// Folding based on keywordlists[]

// Copyright: 1998-2003 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Encoding: UTF-8

Copyright © 1988, 2025, Oracle and/or its affiliates.

/** @file LexMMIXAL.cxx

** Lexer for MMIX Assembler Language.

** Written by Christoph Hösler <christoph.hoesler@student.uni-tuebingen.de>

** For information about MMIX visit http://www-cs-faculty.stanford.edu/~knuth/mmix.html

**/

// Copyright 1998-2003 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/**

* @file LexModula.cxx

* @author Dariusz "DKnoto" Knociński

* @date 2011/02/03

* @brief Lexer for Modula-2/3 documents.

*/

// The License.txt file describes the conditions under which this software may

// be distributed.

/** @file LexMPT.cxx

** Lexer for MPT specific files. Based on LexOthers.cxx

** LOT = the text log file created by the MPT application while running a test program

** Other MPT specific files to be added later.

**/

// Copyright 2003 by Marius Gheorghe <mgheorghe@cabletest.com>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexMSSQL.cxx

** Lexer for MSSQL.

**/

// By Filip Yaghob <fyaghob@gmail.com>

// The License.txt file describes the conditions under which this software may be distributed.

* @file LexMySQL.cxx

* Lexer for MySQL

 Copyright © 1988, 2025, Oracle and/or its affiliates.

*

* Improved by Mike Lischke <mike.lischke@oracle.com>

* Adopted from LexSQL.cxx by Anders Karlsson <anders@mysql.com>

* Original work by Neil Hodgson <neilh@scintilla.org>

* Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

* The License.txt file describes the conditions under which this software may be distributed.

*/

/** @file LexNim.cxx

** Lexer for Nim

** Written by Jad Altahan (github.com/xv)

** Nim manual: https://nim-lang.org/docs/manual.html

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Nimrod lexer

// (c) 2009 Andreas Rumpf

/** @file LexNimrod.cxx

** Lexer for Nimrod.

**/

// Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexNsis.cxx

** Lexer for NSIS

**/

// Copyright 2003 - 2005 by Angelo Mandato <angelo [at] spaceblue [dot] com>

// Last Updated: 03/13/2005

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexNull.cxx

** Lexer for no language. Used for plain text and unrecognized files.

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexOpal.cxx

** Lexer for OPAL (functional language similar to Haskell)

** Written by Sebastian Pipping <webmaster@hartwork.org>

**/

/** @file LexOScript.cxx

** Lexer for OScript sources; ocx files and/or OSpace dumps.

** OScript is a programming language used to develop applications for the

** Livelink server platform.

**/

// Written by Ferdinand Prantl <prantlf@gmail.com>, inspired by the code from

// LexVB.cxx and LexPascal.cxx. The License.txt file describes the conditions

// under which this software may be distributed.

/** @file LexPascal.cxx

** Lexer for Pascal.

** Written by Laurent le Tynevez

** Updated by Simon Steele <s.steele@pnotepad.org> September 2002

** Updated by Mathias Rauen <scite@madshi.net> May 2003 (Delphi adjustments)

** Completely rewritten by Marko Njezic <sf@maxempire.com> October 2008

**/

// @file LexPB.cxx

// Lexer for PowerBasic by Roland Walter, roland@rowalt.de (for PowerBasic see www.powerbasic.com)

//

// Copyright for Scintilla: 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexPerl.cxx

** Lexer for Perl.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

** Converted to lexer object by "Udo Lechner" <dlchnr(at)gmx(dot)net>

**/

// Copyright 1998-2008 by Neil Hodgson <neilh@scintilla.org>

// Lexical analysis fixes by Kein-Hong Man <mkh@pl.jaring.my>

// The License.txt file describes the conditions under which this software may be distributed.

// @file LexPLM.cxx

// Author: Jason Haslam

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexPO.cxx

** Lexer for GetText Translation (PO) files.

**/

// Copyright 2012 by Colomban Wendling <ban@herbesfolles.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexPOV.cxx

** Lexer for POV-Ray SDL (Persistance of Vision Raytracer, Scene Description Language).

** Written by Philippe Lhoste but this is mostly a derivative of LexCPP...

**/

// Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// @file LexPowerPro.cxx

// PowerPro utility, written by Bruce Switzer, is available from http://powerpro.webeddie.com

// PowerPro lexer is written by Christopher Bean (cbean@cb-software.net)

//

// Lexer code heavily borrowed from:

// LexAU3.cxx by Jos van der Zande

// LexCPP.cxx by Neil Hodgson

// LexVB.cxx by Neil Hodgson

//

// Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexPowerShell.cxx

** Lexer for PowerShell scripts.

**/

// Copyright 2008 by Tim Gerundt <tim@gerundt.de>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexProgress.cxx

** Lexer for Progress 4GL.

** Based on LexCPP.cxx of Neil Hodgson <neilh@scintilla.org>

**/

// Copyright 2006-2016 by Yuval Papish <Yuval@YuvCom.com>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexProps.cxx

** Lexer for properties files.

**/

// Copyright 1998-2001 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexPS.cxx

** Lexer for PostScript

**

** Written by Nigel Hathaway <nigel@bprj.co.uk>.

** The License.txt file describes the conditions under which this software may be distributed.

**/

/** @file LexPython.cxx

** Lexer for Python.

**/

// Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexR.cxx

 Copyright © 1988, 2025, Oracle and/or its affiliates.

** Lexer for R, S, SPlus Statistics Program (Heavily derived from CPP Lexer).

**

**/

// Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexRaku.cxx

** Lexer for Raku

**

** Copyright (c) 2019 Mark Reay <mark@reay.net.au>

**/

// Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexRebol.cxx

** Lexer for REBOL.

** Written by Pascal Hurni, inspired from LexLua by Paul Winwood & Marcos E. Wurzius & Philippe Lhoste

**

** History:

** 2005-04-07 First release.

** 2005-04-10 Closing parens and brackets go now in default style

** String and comment nesting should be more safe

**/

// Copyright 2005 by Pascal Hurni <pascal_hurni@fastmail.fm>

// The License.txt file describes the conditions under which this software may be distributed.

/**

* @file LexRegistry.cxx

* @date July 26 2014

* @brief Lexer for Windows registration files(.reg)

* @author nkmathew

*

* The License.txt file describes the conditions under which this software may be

* distributed.

*

*/

/** @file LexRuby.cxx

** Lexer for Ruby.

**/

// Copyright 2001- by Clemens Wyss <wys@helbling.ch>

// The License.txt file describes the conditions under which this software may be distributed.

** Lexer for Rust.

**

** Copyright (c) 2013 by SiegeLord <slabode@aim.com>

** Converted to lexer object and added further folding features/properties by "Udo Lechner" <dlchnr(at)gmx(dot)net>

**/

// Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexSAS.cxx

** Lexer for SAS

**/

// Author: Luke Rasmussen (luke.rasmussen@gmail.com)

//

// The License.txt file describes the conditions under which this software may

// be distributed.

/** @file LexSmalltalk.cxx

** Lexer for Smalltalk language.

** Written by Sergey Philippov, sphilippov-at-gmail-dot-com

**/

// Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

/** @file LexSML.cxx

** Lexer for SML.

**/

// Copyright 2009 by James Moffatt and Yuzhou Xin

// Modified from LexCaml.cxx by Robert Roessler <robertr@rftp.com> Copyright 2005

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexSorcus.cxx

** Lexer for SORCUS installation files

** Written by Eugen Bitter and Christoph Baumann at SORCUS Computer, Heidelberg Germany

** Based on the ASM Lexer by The Black Horus

**/

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexSpecman.cxx

** Lexer for Specman E language.

** Written by Avi Yegudin, based on C++ lexer by Neil Hodgson

**/

// Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexSpice.cxx

** Lexer for Spice

**/

// Copyright 2006 by Fabien Proriol

// The License.txt file describes the conditions under which this software may be distributed.

//-*- coding: utf-8 -*-

// Scintilla source code edit control

/** @file LexSQL.cxx

** Lexer for SQL, including PL/SQL and SQL*Plus.

** Improved by Jérôme LAFORGE <jerome.laforge_AT_gmail_DOT_com> from 2010 to 2012.

**/

// Copyright 1998-2012 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexStata.cxx

** Lexer for Stata

**/

// Author: Luke Rasmussen (luke.rasmussen@gmail.com)

//

// The License.txt file describes the conditions under which this software may

// be distributed.

//

// Developed as part of the StatTag project at Northwestern University Feinberg

// School of Medicine with funding from Northwestern University Clinical and

// Translational Sciences Institute through CTSA grant UL1TR001422. This work

// has not been reviewed or endorsed by NCATS or the NIH.

// Scintilla source code edit control

/** @file LexSTTXT.cxx

** Lexer for Structured Text language.

** Written by Pavel Bulochkin

**/

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexTACL.cxx

** Lexer for TACL

** Based on LexPascal.cxx

** Written by Laurent le Tynevez

 Copyright © 1988, 2025, Oracle and/or its affiliates.

** Updated by Simon Steele <s.steele@pnotepad.org> September 2002

** Updated by Mathias Rauen <scite@madshi.net> May 2003 (Delphi adjustments)

** Updated by Rod Falck, Aug 2006 Converted to TACL

**/

// Scintilla source code edit control

/** @file LexTADS3.cxx

** Lexer for TADS3.

**/

// Copyright 1998-2006 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/*

* TADS3 is a language designed by Michael J. Roberts for the writing of text

* based games. TADS comes from Text Adventure Development System. It has good

* support for the processing and outputting of formatted text and much of a

* TADS program listing consists of strings.

*

* TADS has two types of strings, those enclosed in single quotes (') and those

* enclosed in double quotes ("). These strings have different symantics and

* can be given different highlighting if desired.

*

* There can be embedded within both types of strings html tags

* (<tag key=value>), library directives (<.directive>), and message

* parameters ({The doctor's/his}).

*

* Double quoted strings can also contain interpolated expressions

* (<< rug.moved ? ' and a hole in the floor. ' : nil >>). These expressions

* may themselves contain single or double quoted strings, although the double

* quoted strings may not contain interpolated expressions.

*

Copyright © 1988, 2025, Oracle and/or its affiliates.

* These embedded constructs influence the output and formatting and are an

* important part of a program and require highlighting.

*

* LINKS

* http://www.tads.org/

*/

// Scintilla source code edit control

/** @file LexTAL.cxx

** Lexer for TAL

** Based on LexPascal.cxx

** Written by Laurent le Tynevez

** Updated by Simon Steele <s.steele@pnotepad.org> September 2002

** Updated by Mathias Rauen <scite@madshi.net> May 2003 (Delphi adjustments)

** Updated by Rod Falck, Aug 2006 Converted to TAL

**/

// Scintilla source code edit control

/** @file LexTCL.cxx

** Lexer for TCL language.

**/

// Copyright 1998-2001 by Andre Arpin <arpin@kingston.net>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla\ source code edit control

/** @file LexTCMD.cxx

** Lexer for Take Command / TCC batch scripts (.bat, .btm, .cmd).

**/

// Written by Rex Conn (rconn [at] jpsoft [dot] com)

// based on the CMD lexer

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

 Copyright © 1988, 2025, Oracle and/or its affiliates.

// @file LexTeX.cxx - general context conformant tex coloring scheme

// Author: Hans Hagen - PRAGMA ADE - Hasselt NL - www.pragma-ade.com

// Version: September 28, 2003

// Copyright: 1998-2003 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// This lexer is derived from the one written for the texwork environment (1999++) which in

// turn is inspired on texedit (1991++) which finds its roots in wdt (1986).

// If you run into strange boundary cases, just tell me and I'll look into it.

// TeX Folding code added by instanton (soft_share@126.com) with borrowed code from VisualTeX source by Alex Romanenko.

// Version: June 22, 2007

/**

* LexTxt2tags.cxx

*

* A simple Txt2tags lexer for scintilla.

*

*

* Adapted by Eric Forgeot

* Based on the LexMarkdown.cxx by Jon Strait - jstrait@moonloop.net

*

* What could be improved:

* - Verbatim lines could be like for raw lines : when there is no space between the ``` and the following text, the first letter should be colored so the user would understand there must be a space for a valid tag.

* - marks such as bold, italic, strikeout, underline should begin to be highlighted only when they are closed and valid.

* - verbatim and raw area should be highlighted too.

*

* The License.txt file describes the conditions under which this

* software may be distributed.

*

// Scintilla source code edit control

/** @file LexVB.cxx

** Lexer for Visual Basic and VBScript.

**/

// Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexVerilog.cxx

** Lexer for Verilog.

** Written by Avi Yegudin, based on C++ lexer by Neil Hodgson

**/

// Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla source code edit control

/** @file LexVHDL.cxx

** Lexer for VHDL

** Written by Phil Reid,

** Based on:

** - The Verilog Lexer by Avi Yegudin

** - The Fortran Lexer by Chuan-jian Shen

** - The C++ lexer by Neil Hodgson

**/

// Copyright 1998-2002 by Neil Hodgson <neilh@scintilla.org>

// The License.txt file describes the conditions under which this software may be distributed.

/** @file LexVisualProlog.cxx

** Lexer for Visual Prolog.

**/

// Author Thomas Linder Puls, Prolog Development Denter A/S, http://www.visual-prolog.com

// Based on Lexer for C++, C, Java, and JavaScript.

// Copyright 1998-2005 by Neil Hodgson <neilh@scintilla.org>

 Copyright © 1988, 2025, Oracle and/or its affiliates.

// The License.txt file describes the conditions under which this software may be distributed.

// Scintilla Lexer for X12

// @file LexX12.cxx

// Written by Iain Clarke, IMCSoft & Inobiz AB.

// X12 official documentation is behind a paywall, but there's a description of the syntax here:

// http://www.rawlinsecconsulting.com/x12tutorial/x12syn.html

// This code is subject to the same license terms as the rest of the scintilla project:

// The License.txt file describes the conditions under which this software may be distributed.

//

// Scintilla source code edit control

/** @file LexYAML.cxx

** Lexer for YAML.

**/

// Copyright 2003- by Sean O'Dell <sean@celsoft.com>

// The License.txt file describes the conditions under which this software may be distributed.

---

libffi Licenses

See source files for details.

MIT License

Copyright (C) 2007-2010 Free Software Foundation, Inc

Copyright (C) 1996-2024 Red Hat, Inc.

Copyright (C) 2009-2012 ARM Ltd.

Copyright (C) 2011 Plausible Labs Cooperative, Inc.

Copyright (C) 2002 Ranjit Mathew

Copyright (C) 2002 Bo Thorsen

Copyright (C) 2002 Roger Sayle

Copyright (C) 2013 The Written Word, Inc.

Copyright (C) 2002-2007 Bo Thorsen <bo@suse.de>

Copyright (C) 2021 Microsoft, Inc.

Copyright (c) 2022 Oracle and/or its affiliates.

```

### AUTHORS File Information

```

libffi was originally written by Anthony Green <green@moxielogic.com>.

The developers of the GNU Compiler Collection project have made
innumerable valuable contributions. See the ChangeLog file for
details.

Some of the ideas behind libffi were inspired by Gianni Mariani's free
gencall library for Silicon Graphics machines.

The closure mechanism was designed and implemented by Kresten Krab
Thorup.

Major processor architecture ports were contributed by the following
developers:

aarch64 Marcus Shawcroft, James Greenhalgh

x86 Anthony Green, Jon Beniston

x86-64 Bo Thorsen

Jesper Skov and Andrew Haley both did more than their fair share of
stepping through the code and tracking down bugs.

Thanks also to Tom Tromey for bug fixes, documentation and
configuration help.

Thanks to Jim Blandy, who provided some useful feedback on the libffi
interface.

Alex Oliva solved the executable page problem for SElinux.

```

## Libssh2 License

The following attribution text was taken from Component libssh2 Version 1.7.0.

Copyright (c) 2004-2007 Sara Golemon <sarag@libssh2.org>

 Copyright © 1988, 2025, Oracle and/or its affiliates.
```

Copyright (c) 2005,2006 Mikhail Gusarov <dottedmag@dottedmag.net>

Copyright (c) 2006-2007 The Written Word, Inc.

Copyright (c) 2007 Eli Fant <elifantu@mail.ru>

Copyright (c) 2009-2014 Daniel Stenberg

Copyright (C) 2008, 2009 Simon Josefsson

All rights reserved.

Redistribution and use in source and binary forms,

with or without modification, are permitted provided

that the following conditions are met:

*Redistributions of source code must retain the above

copyright notice, this list of conditions and the

following disclaimer.

*Redistributions in binary form must reproduce the above

copyright notice, this list of conditions and the following

disclaimer in the documentation and/or other materials

provided with the distribution.

*Neither the name of the copyright holder nor the names

of any other contributors may be used to endorse or

promote products derived from this software without

specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND

CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,

INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES

OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR

CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,

BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY
OF SUCH DAMAGE.

---

libwebp Licenses

Copyright (c) 2010, Google Inc. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

Files:

PRESUBMIT.py

infra/common.sh

infra/compile.sh

infra/compile_android.sh

infra/compile_js.sh

infra/run_static_analysis.sh

Copyright (c) 2021, Google Inc. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

Files:

sharpyuv/sharpyuv_dsp.h

Copyright 2022 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Speed-critical functions for Sharp YUV.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Files:

imageio/image_enc.h

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

All-in-one library to save PNG/JPEG/WebP/TIFF/WIC images.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/cost_sse2.c

Copyright 2015 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

SSE2 version of cost functions

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/dec_clip_tables.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Clipping tables for filtering

Author: Skal (pascal.massimino@gmail.com)

Files:

src/webp/format_constants.h

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Internal header for constants related to WebP file format.

Author: Urvang (urvang@google.com)

Files:

src/dsp/cost_mips32.c

src/dsp/cost_mips_dsp_r2.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Author: Djordje Pesut (djordje.pesut@imgtec.com)

Files:

extras/extras.h

Copyright 2015 Google Inc. All Rights Reserved.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Files:

src/dsp/filters.c

src/utils/filters_utils.h

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Spatial prediction using various filters

Author: Urvang (urvang@google.com)

Files:

src/utils/bit_writer_utils.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Bit writing and boolean coder

Author: Skal (pascal.massimino@gmail.com)

Vikas Arora (vikaas.arora@gmail.com)

Files:

src/enc/alpha_enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Alpha-plane compression.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/webp/mux.h

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

RIFF container manipulation and encoding for WebP images.

Authors: Urvang (urvang@google.com)

Vikas (vikasa@google.com)

Files:

sharpyuv/sharpyuv_csp.c

sharpyuv/sharpyuv_csp.h

Copyright 2022 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

 Copyright © 1988, 2025, Oracle and/or its affiliates.

that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Colorspace utilities.

Files:

src/dsp/rescaler_sse2.c

Copyright 2015 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

SSE2 Rescaling functions

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dec/vp8i_dec.h

Copyright 2010 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

VP8 decoder: internal header.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dec/quant_dec.c

Copyright 2010 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Quantizer initialization

Author: Skal (pascal.massimino@gmail.com)

Files:

src/enc/syntax_enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Header syntax writing

Author: Skal (pascal.massimino@gmail.com)

Files:

ltmain.sh

This is free software. There is NO warranty; not even for

MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

Copyright (C) 2004-2019, 2021 Bootstrap Authors

This file is dual licensed under the terms of the MIT license

https://opensource.org/license/MIT, and GPL version 2 or later

http://www.gnu.org/licenses/gpl-2.0.html. You must apply one of

 Copyright © 1988, 2025, Oracle and/or its affiliates.

these licenses when using or redistributing this software or any of
the files within it. See the URLs above, or the file `LICENSE`
included in the Bootstrap distribution for the full license texts.
Files:
src/dsp/filters_mips_dsp_r2.c
Copyright 2014 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Spatial prediction using various filters
Author(s): Branimir Vasic (branimir.vasic@imgtec.com)
Djordje Pesut (djordje.pesut@imgtec.com)
Files:
src/mux/animi.h
Copyright 2016 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Internal header for animation related functions.
Author: Hui Su (huisu@google.com)
Files:
src/dsp/upsampling_mips_dsp_r2.c
Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

YUV to RGB upsampling functions.
Author(s): Branimir Vasic (branimir.vasic@imgtec.com)
Djordje Pesut (djordje.pesut@imgtec.com)
Files:
src/utils/utils.h
Copyright 2012 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Misc. common utility functions
Authors: Skal (pascal.massimino@gmail.com)
Urvang (urvang@google.com)
Files:
tests/fuzzer/animdecoder_fuzzer.cc
Copyright 2020 Google Inc.
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software

Copyright © 1988, 2025, Oracle and/or its affiliates.

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

//

Files:

examples/anim_diff.c

Copyright 2015 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Checks if given pair of animated GIF/WebP images are identical:

That is: their reconstructed canvases match pixel-by-pixel and their other

animation properties (loop count etc) also match.

example: anim_diff foo.gif bar.webp

Files:

src/dec/vp8l_dec.c

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

---

main entry for the decoder

Authors: Vikas Arora (vikaas.arora@gmail.com)

Jyrki Alakuijala (jyrki@google.com)

Files:

src/mux/muxi.h

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Internal header for mux library.

Author: Urvang (urvang@google.com)

Files:

src/utils/bit_writer_utils.h

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Bit writing and boolean coder

Author: Skal (pascal.massimino@gmail.com)

Files:

src/utils/color_cache_utils.h

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

 Copyright © 1988, 2025, Oracle and/or its affiliates.

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Color Cache for WebP Lossless

Authors: Jyrki Alakuijala (jyrki@google.com)

Urvang Joshi (urvang@google.com)

Files:

tests/fuzzer/advanced_api_fuzzer.c

tests/fuzzer/animation_api_fuzzer.c

tests/fuzzer/animencoder_fuzzer.cc

tests/fuzzer/enc_dec_fuzzer.cc

tests/fuzzer/fuzz_utils.h

tests/fuzzer/img_alpha.h

tests/fuzzer/img_grid.h

tests/fuzzer/img_peak.h

tests/fuzzer/mux_demux_api_fuzzer.c

tests/fuzzer/simple_api_fuzzer.c

Copyright 2018 Google Inc.

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

//

Files:

src/utils/bit_reader_utils.h

Copyright 2010 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Boolean decoder

Author: Skal (pascal.massimino@gmail.com)

Vikas Arora (vikaas.arora@gmail.com)

Files:

src/dsp/alpha_processing_mips_dsp_r2.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Utilities for processing transparent channel.

Author(s): Branimir Vasic (branimir.vasic@imgtec.com)

Djordje Pesut (djordje.pesut@imgtec.com)

Files:

imageio/wicdec.c

imageio/wicdec.h

Copyright 2013 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

 Copyright © 1988, 2025, Oracle and/or its affiliates.

tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Windows Imaging Component (WIC) decode.

Files:

src/dsp/dec.c

Copyright 2010 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Speed-critical decoding functions, default plain-C implementations.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/lossless_mips_dsp_r2.c

Copyright 2014 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Image transforms and color space conversion methods for lossless decoder.

Author(s): Djordje Pesut (djordje.pesut@imgtec.com)

Jovan Zelincevic (jovan.zelincevic@imgtec.com)

Files:

src/dsp/filters_neon.c

Copyright 2017 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

NEON variant of alpha filters

Author: Skal (pascal.massimino@gmail.com)

Files:

src/enc/vp8l_enc.c

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

---

main entry for the lossless encoder.

Author: Vikas Arora (vikaas.arora@gmail.com)

Files:

src/dsp/lossless_msa.c

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Copyright © 1988, 2025, Oracle and/or its affiliates.

MSA variant of methods for lossless decoder

Author: Prashant Patil (prashant.patil@imgtec.com)

Files:

src/dsp/enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Speed-critical encoding functions.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/cost.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/utils/quant_levels_dec_utils.c

Copyright 2013 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Implement gradient smoothing: we replace a current alpha value by its
surrounding average if it's close enough (that is: the change will be less
than the minimum distance between two quantized level).
We use sliding window for computing the 2d moving average.
Author: Skal (pascal.massimino@gmail.com)
Files:
src/dec/alpha_dec.c
Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Alpha-plane decompression.
Author: Skal (pascal.massimino@gmail.com)
Files:
src/webp/demux.h
Copyright 2012 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Demux API.

Enables extraction of image and extended format data from WebP files.

Files:

extras/get_disto.c

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Simple tool to load two webp/png/jpg/tiff files and compute PSNR/SSIM.

This is mostly a wrapper around WebPPictureDistortion().

Files:

src/dsp/upsampling_sse41.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

SSE41 version of YUV to RGB upsampling functions.

Author: somnath@google.com (Somnath Banerjee)

Files:

sharpyuv/sharpyuv_cpu.c

sharpyuv/sharpyuv_cpu.h

Copyright 2022 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Files:

PATENTS

Additional IP Rights Grant (Patents)

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

Files:

 Copyright © 1988, 2025, Oracle and/or its affiliates.

imageio/image_dec.h

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

All-in-one library to decode PNG/JPEG/WebP/TIFF/WIC input images.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/lossless.c

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Image transforms and color space conversion methods for lossless decoder.

Authors: Vikas Arora (vikaas.arora@gmail.com)

Jyrki Alakuijala (jyrki@google.com)

Urvang Joshi (urvang@google.com)

Files:

src/dsp/yuv_sse2.c

src/dsp/yuv_sse41.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

YUV->RGB conversion functions

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/lossless_common.h

Copyright 2012 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Image transforms and color space conversion methods for lossless decoder.

Authors: Vikas Arora (vikaas.arora@gmail.com)

Jyrki Alakuijala (jyrki@google.com)

Vincent Rabaud (vrabaud@google.com)

Files:

src/dsp/rescaler_msa.c

Copyright 2016 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

MSA version of rescaling functions

Copyright © 1988, 2025, Oracle and/or its affiliates.

Author: Prashant Patil (prashant.patil@imgtec.com)

Files:

src/mux/anim_encode.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

AnimEncoder implementation.

Files:

src/utils/huffman_utils.c

src/utils/huffman_utils.h

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Utilities for building and looking up Huffman trees.

Author: Urvang Joshi (urvang@google.com)

Files:

src/dsp/lossless_enc_mips_dsp_r2.c

Copyright 2015 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Image transform methods for lossless encoder.

Author(s): Djordje Pesut (djordje.pesut@imgtec.com)

Jovan Zelincevic (jovan.zelincevic@imgtec.com)

Files:

src/utils/thread_utils.c

src/utils/thread_utils.h

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Multi-threaded worker

Author: Skal (pascal.massimino@gmail.com)

Files:

imageio/image_dec.c

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Generic image-type guessing.

Files:

Copyright © 1988, 2025, Oracle and/or its affiliates.

src/utils/color_cache_utils.c

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Color Cache for WebP Lossless

Author: Jyrki Alakuijala (jyrki@google.com)

Files:

src/dec/vp8li_dec.h

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Lossless decoder: internal header.

Author: Skal (pascal.massimino@gmail.com)

Vikas Arora(vikaas.arora@gmail.com)

Files:

src/dsp/dec_neon.c

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

ARM NEON version of dsp functions and loop filtering.

Authors: Somnath Banerjee (somnath@google.com)

Johann Koenig (johannkoenig@google.com)

Files:

src/dsp/quant.h

Copyright 2018 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Files:

src/dsp/ssim_sse2.c

Copyright 2017 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

SSE2 version of distortion calculation

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dec/common_dec.h

Copyright 2015 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

Copyright © 1988, 2025, Oracle and/or its affiliates.

tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Definitions and macros common to encoding and decoding
Author: Skal (pascal.massimino@gmail.com)
Files:
src/dsp/yuv.h
Copyright 2010 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Files:
examples/unicode_gif.h
Copyright 2018 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

---

giflib doesn't have a Unicode DGifOpenFileName(). Let's make one.
Author: Yannis Guyon (yguyon@google.com)
Files:
src/dec/webpi_dec.h
Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Internal header: WebP decoding parameters and custom IO on buffer
Author: somnath@google.com (Somnath Banerjee)
Files:
examples/img2webp.c
Copyright 2016 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

---

generate an animated WebP out of a sequence of images
(PNG, JPEG, ...)
Example usage:
img2webp -o out.webp -q 40 -mixed -duration 40 input??.png
Author: skal@google.com (Pascal Massimino)
Files:
src/webp/mux_types.h
Copyright 2012 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may

 Copyright © 1988, 2025, Oracle and/or its affiliates.

be found in the AUTHORS file in the root of the source tree.

Data-types common to the mux and demux libraries.

Author: Urvang (urvang@google.com)

Files:

src/dsp/enc_neon.c

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

ARM NEON version of speed-critical encoding functions.

adapted from libvpx (https://www.webmproject.org/code/)

Files:

src/enc/picture_tools_enc.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

WebPPicture tools: alpha handling, etc.

Author: Skal (pascal.massimino@gmail.com)

Files:

imageio/pnmdec.h

Copyright 2017 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

---

partial PNM format decoder (ppm/pgm)

Files:

src/dsp/dsp.h

Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Speed-critical functions.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/enc/histogram_enc.h

Copyright 2012 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Author: Jyrki Alakuijala (jyrki@google.com)

Models the histograms of literal and distance codes.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Files:

src/utils/quant_levels_dec_utils.h

Copyright 2013 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Alpha plane de-quantization utility

Author: Vikas Arora (vikasa@google.com)

Files:

src/utils/huffman_encode_utils.h

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Author: Jyrki Alakuijala (jyrki@google.com)

Entropy encoding (Huffman) for webp lossless

Files:

imageio/imageio_util.c

imageio/imageio_util.h

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Utility functions used by the image decoders.

Files:

src/enc/picture_csp_enc.c

Copyright 2014 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

WebPPicture utils for colorspace conversion

Author: Skal (pascal.massimino@gmail.com)

Files:

examples/cwebp.c

Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

---

simple command line calling the WebPEncode function.
Encodes a raw .YUV into WebP bitstream

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dec/io_dec.c

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

---

functions for sample output.

Author: Skal (pascal.massimino@gmail.com)

Files:

examples/dwebp.c

Copyright 2010 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Command-line tool for decoding a WebP image.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/enc/backward_references_cost_enc.c

Copyright 2017 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Improves a given set of backward references by analyzing its bit cost.

The algorithm is similar to the Zopfli compression algorithm but tailored to

images.

Author: Vincent Rabaud (vrabaud@google.com)

Files:

src/enc/filter_enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Selecting filter level

Author: somnath@google.com (Somnath Banerjee)

Files:

src/enc/config_enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Coding tools configuration

Author: Skal (pascal.massimino@gmail.com)

Files:

imageio/webpdec.c

imageio/webpdec.h

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

WebP decode.

Files:

src/dsp/lossless_neon.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

NEON variant of methods for lossless decoder

Author: Skal (pascal.massimino@gmail.com)

Files:

sharpyuv/sharpyuv_gamma.c

sharpyuv/sharpyuv_gamma.h

Copyright 2022 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Gamma correction utilities.

Files:

src/dsp/dec_msa.c

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

MSA version of dsp functions

Author(s): Prashant Patil (prashant.patil@imgtec.com)

Files:

imageio/tiffdec.c

imageio/tiffdec.h

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

TIFF decode.

Files:

src/webp/decode.h

Copyright 2010 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

 Copyright © 1988, 2025, Oracle and/or its affiliates.

in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Main decoding functions for WebP images.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dec/vp8_dec.h

Copyright 2010 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Low-level API for VP8 decoder

Author: Skal (pascal.massimino@gmail.com)

Files:

examples/gifdec.h

Copyright 2014 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

GIF decode.

Files:

ltmain.sh

Copyright (C) 1996-2019, 2021-2022 Free Software Foundation, Inc.

This is free software; see the source for copying conditions. There is NO

warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

Files:

src/dsp/lossless.h

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Image transforms and color space conversion methods for lossless decoder.

Authors: Vikas Arora (vikaas.arora@gmail.com)

Jyrki Alakuijala (jyrki@google.com)

Files:

src/dsp/mips_macro.h

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

MIPS common macros

Files:

src/dsp/rescaler_neon.c

Copyright 2015 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

 Copyright © 1988, 2025, Oracle and/or its affiliates.

tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

NEON version of rescaling functions
Author: Skal (pascal.massimino@gmail.com)
Files:
src/dsp/msa_macro.h
Copyright 2016 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

MSA common macros
Author(s): Prashant Patil (prashant.patil@imgtec.com)
Files:
src/dec/frame_dec.c
Copyright 2010 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Frame-reconstruction function. Memory allocation.
Author: Skal (pascal.massimino@gmail.com)
Files:

src/dsp/yuv_mips32.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

MIPS version of YUV to RGB upsampling functions.

Author(s): Djordje Pesut (djordje.pesut@imgtec.com)

Jovan Zelincevic (jovan.zelincevic@imgtec.com)

Files:

src/enc/iterator_enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

VP8Iterator: block iterator

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/enc_msa.c

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

 Copyright © 1988, 2025, Oracle and/or its affiliates.

be found in the AUTHORS file in the root of the source tree.

MSA version of encoder dsp functions.

Author: Prashant Patil (prashant.patil@imgtec.com)

Files:

src/utils/bit_reader_utils.c

Copyright 2010 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Boolean decoder non-inlined methods

Author: Skal (pascal.massimino@gmail.com)

Files:

examples/gif2webp.c

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

---

simple tool to convert animated GIFs to WebP

Authors: Skal (pascal.massimino@gmail.com)

Urvang (urvang@google.com)

Files:

extras/webp_to_sdl.c

extras/webp_to_sdl.h

Copyright 2017 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Simple WebP-to-SDL wrapper. Useful for emscripten.

Author: James Zern (jzern@google.com)

Files:

src/enc/picture_psnr_enc.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

WebPPicture tools for measuring distortion

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/enc_sse41.c

Copyright 2015 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Copyright © 1988, 2025, Oracle and/or its affiliates.

SSE4 version of some encoding functions.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/yuv_neon.c

Copyright 2017 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

YUV->RGB conversion functions

Author: Skal (pascal.massimino@gmail.com)

Files:

src/utils/utils.c

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Misc. common utility functions

Author: Skal (pascal.massimino@gmail.com)

Files:

examples/anim_dump.c

Copyright 2017 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Decodes an animated WebP file and dumps the decoded frames as PNG or TIFF.
Author: Skal (pascal.massimino@gmail.com)
Files:
src/dsp/ssim.c
Copyright 2017 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

---

distortion calculation
Author: Skal (pascal.massimino@gmail.com)
Files:
src/demux/demux.c
Copyright 2012 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

WebP container demux.
Files:

Copyright © 1988, 2025, Oracle and/or its affiliates.

src/dsp/filters_msa.c

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

MSA variant of alpha filters

Author: Prashant Patil (prashant.patil@imgtec.com)

Files:

src/dec/vp8_dec.c

Copyright 2010 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

---

main entry for the decoder

Author: Skal (pascal.massimino@gmail.com)

Files:

src/enc/cost_enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Cost tables for level and modes

Author: Skal (pascal.massimino@gmail.com)

Files:

imageio/pnmdec.c

Copyright 2017 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

(limited) PNM decoder

Files:

src/dec/buffer_dec.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Everything about WebPDecBuffer

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/rescaler_mips32.c

src/dsp/rescaler_mips_dsp_r2.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

Copyright © 1988, 2025, Oracle and/or its affiliates.

that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

MIPS version of rescaling functions
Author(s): Djordje Pesut (djordje.pesut@imgtec.com)
Files:
src/dsp/alpha_processing_sse2.c

Copyright 2014 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Utilities for processing transparent channel.
Author: Skal (pascal.massimino@gmail.com)
Files:
extras/vwebp_sdl.c

Copyright 2017 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Simple SDL-based WebP file viewer.
Does not support animation, just static images.

Press 'q' to exit.

Author: James Zern (jzern@google.com)

Files:

src/dsp/lossless_sse2.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

SSE2 variant of methods for lossless decoder

Author: Skal (pascal.massimino@gmail.com)

Files:

src/webp/types.h

Copyright 2010 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Common types + memory wrappers

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/lossless_enc_msa.c

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

 Copyright © 1988, 2025, Oracle and/or its affiliates.

tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

MSA variant of Image transform methods for lossless encoder.

Authors: Prashant Patil (Prashant.Patil@imgtec.com)

Files:

src/webp/encode.h

Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

WebP encoder: main interface

Author: Skal (pascal.massimino@gmail.com)

Files:

imageio/image_enc.c

Copyright 2016 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Save image

Files:

examples/gifdec.c

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

GIF decode.

Files:

src/mux/muxinternal.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Internal objects and utils for mux.

Authors: Urvang (urvang@google.com)

Vikas (vikasa@google.com)

Files:

examples/webpinfo.c

Copyright 2017 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Command-line tool to print out the chunk level structure of WebP files

along with basic integrity checks.

Author: Hui Su (huisu@google.com)

Files:

src/dsp/common_sse41.h

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

SSE4 code common to several files.

Author: Vincent Rabaud (vrabaud@google.com)

Files:

src/enc/analysis_enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Macroblock analysis

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/yuv_mips_dsp_r2.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

MIPS DSPr2 version of YUV to RGB upsampling functions.
Author(s): Branimir Vasic (branimir.vasic@imgtec.com)
Djordje Pesut (djordje.pesut@imgtec.com)
Files:
src/enc/token_enc.c
Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Paginated token buffer
A 'token' is a bit value associated with a probability, either fixed
or a later-to-be-determined after statistics have been collected.
For dynamic probability, we just record the slot id (idx) for the probability
value in the final probability array (uint8_t* probas in VP8EmitTokens).
Author: Skal (pascal.massimino@gmail.com)
Files:
src/utils/quant_levels_utils.h
Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found

 Copyright © 1988, 2025, Oracle and/or its affiliates.

in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Alpha plane quantization utility

Author: Vikas Arora (vikasa@google.com)

Files:

sharpyuv/sharpyuv_dsp.c

sharpyuv/sharpyuv_neon.c

sharpyuv/sharpyuv_sse2.c

Copyright 2022 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Speed-critical functions for Sharp YUV.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/upsampling.c

Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

YUV to RGB upsampling functions.

Author: somnath@google.com (Somnath Banerjee)

Files:

src/dec/idec_dec.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Incremental decoding

Author: somnath@google.com (Somnath Banerjee)

Files:

src/dsp/dec_mips32.c

src/dsp/dec_mips_dsp_r2.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

MIPS version of dsp functions

Author(s): Djordje Pesut (djordje.pesut@imgtec.com)

Jovan Zelincevic (jovan.zelincevic@imgtec.com)

Files:

src/enc/picture_rescale_enc.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

 Copyright © 1988, 2025, Oracle and/or its affiliates.

tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

WebPPicture tools: copy, crop, rescaling and view.
Author: Skal (pascal.massimino@gmail.com)
Files:
examples/stopwatch.h
Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Helper functions to measure elapsed time.
Author: Mikolaj Zalewski (mikolajz@google.com)
Files:
src/enc/vp8li_enc.h
Copyright 2012 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Lossless encoder: internal header.
Author: Vikas Arora (vikaas.arora@gmail.com)
Files:

examples/webpmux.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Simple command-line to create a WebP container file and to extract or strip

relevant data from the container file.

Authors: Vikas (vikaas.arora@gmail.com),

Urvang (urvang@google.com)

Files:

src/dsp/cpu.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

CPU detection

Author: Christian Duvivier (cduvivier@google.com)

Files:

src/dsp/common_sse2.h

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

 Copyright © 1988, 2025, Oracle and/or its affiliates.

in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

SSE2 code common to several files.

Author: Vincent Rabaud (vrabaud@google.com)

Files:

src/enc/quant_enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Quantization

Author: Skal (pascal.massimino@gmail.com)

Files:

extras/extras.c

Copyright 2015 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Additional WebP utilities.

Files:

src/utils/quant_levels_utils.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Quantize levels for specified number of quantization-levels ([2, 256]).
Min and max values are preserved (usual 0 and 255 for alpha plane).
Author: Skal (pascal.massimino@gmail.com)
Files:
src/enc/cost_enc.h
Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Cost tables for level and modes.
Author: Skal (pascal.massimino@gmail.com)
Files:
src/enc/near_lossless_enc.c
Copyright 2014 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Near-lossless image preprocessing adjusts pixel values to help
compressibility with a guarantee of maximum deviation between original and
resulting pixel values.
Author: Jyrki Alakuijala (jyrki@google.com)
Converted to C by Aleksander Kramarz (akramarz@google.com)
Files:
src/utils/bit_reader_inl_utils.h
Copyright 2014 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Specific inlined methods for boolean decoder [VP8GetBit() ...]
This file should be included by the .c sources that actually need to call
these methods.
Author: Skal (pascal.massimino@gmail.com)
Files:
examples/example_util.c
examples/example_util.h
Copyright 2012 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Utility functions used by the example programs.

Files:

src/utils/huffman_encode_utils.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Author: Jyrki Alakuijala (jyrki@google.com)

Entropy encoding (Huffman) for webp lossless.

Files:

src/dsp/upsampling_neon.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

NEON version of YUV to RGB upsampling functions.

Author: mans@mansr.com (Mans Rullgard)

Based on SSE code by: somnath@google.com (Somnath Banerjee)

Files:

src/dsp/neon.h

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

Copyright © 1988, 2025, Oracle and/or its affiliates.

in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

NEON common code.

Files:

src/dsp/dec_sse2.c

Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

SSE2 version of some decoding functions (idct, loop filtering).

Author: somnath@google.com (Somnath Banerjee)
cduvivier@google.com (Christian Duvivier)

Files:

src/utils/filters_utils.c

Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

---

filter estimation

Author: Urvang (urvang@google.com)

Files:

ltmain.sh

GNU Libtool is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.
As a special exception to the GNU General Public License,
if you distribute this file as part of a program or library that
is built using GNU Libtool, you may include this file under the
same distribution terms that you use for the rest of that program.
GNU Libtool is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program. If not, see http://www.gnu.org/licenses/.
Files:
src/dsp/lossless_enc_mips32.c
Copyright 2015 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

MIPS version of lossless functions
Author(s): Djordje Pesut (djordje.pesut@imgtec.com)
Jovan Zelincevic (jovan.zelincevic@imgtec.com)
Files:
src/utils/random_utils.c
src/utils/random_utils.h

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2013 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Pseudo-random utilities

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/alpha_processing_neon.c

Copyright 2017 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Utilities for processing transparent channel, NEON version.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/enc_mips32.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

MIPS version of speed-critical encoding functions.

Author(s): Djordje Pesut (djordje.pesut@imgtec.com)

Jovan Zelincevic (jovan.zelincevic@imgtec.com)

Slobodan Prijic (slobodan.prijic@imgtec.com)

Files:

src/enc/vp8i_enc.h

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

WebP encoder: internal header.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/filters_sse2.c

Copyright 2015 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

SSE2 variant of alpha filters

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/lossless_enc_sse41.c

Copyright 2015 Google Inc. All Rights Reserved.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

SSE4.1 variant of methods for lossless encoder
Author: Skal (pascal.massimino@gmail.com)
Files:
src/enc/predictor_enc.c
Copyright 2016 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Image transform methods for lossless encoder.
Authors: Vikas Arora (vikaas.arora@gmail.com)
Jyrki Alakuijala (jyrki@google.com)
Urvang Joshi (urvang@google.com)
Vincent Rabaud (vrabaud@google.com)
Files:
src/mux/muxread.c
Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Files:

extras/quality_estimate.c

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

VP8EstimateQuality(): rough encoding quality estimate

Author: Skal (pascal.massimino@gmail.com)

Files:

examples/anim_util.c

examples/anim_util.h

Copyright 2015 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Utilities for animated images

Files:

src/dsp/upsampling_msa.c

Copyright 2016 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

 Copyright © 1988, 2025, Oracle and/or its affiliates.

tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

MSA version of YUV to RGB upsampling functions.

Author: Prashant Patil (prashant.patil@imgtec.com)

Files:

src/dsp/lossless_enc_sse2.c

Copyright 2015 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

SSE2 variant of methods for lossless encoder

Author: Skal (pascal.massimino@gmail.com)

Files:

swig/libwebp.swig

Copyright 2011 Google Inc.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

---

libwebp swig interface definition

Author: James Zern (jzern@google.com)

Files:

src/utils/rescaler_utils.c

src/utils/rescaler_utils.h

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Rescaling functions

Author: Skal (pascal.massimino@gmail.com)

Files:

src/demux/anim_decode.c

Copyright 2015 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

AnimDecoder implementation.

Files:

src/enc/backward_references_enc.c

src/enc/backward_references_enc.h

src/enc/histogram_enc.c

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

 Copyright © 1988, 2025, Oracle and/or its affiliates.

in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Author: Jyrki Alakuijala (jyrki@google.com)

Files:

src/enc/tree_enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Coding of token probabilities, intra modes and segments.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/cost_neon.c

Copyright 2018 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

ARM NEON version of cost functions

Files:

src/enc/picture_enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

WebPPicture class basis

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dec/webp_dec.c

Copyright 2010 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Main decoding functions for WEBP images.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/lossless_enc.c

Copyright 2015 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Image transform methods for lossless encoder.

Authors: Vikas Arora (vikaas.arora@gmail.com)

Copyright © 1988, 2025, Oracle and/or its affiliates.

Jyrki Alakuijala (jyrki@google.com)

Urvang Joshi (urvang@google.com)

Files:

imageio/pngdec.c

imageio/pngdec.h

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

PNG decode.

Files:

src/dec/tree_dec.c

Copyright 2010 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Coding trees and probas

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/lossless_sse41.c

Copyright 2021 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

SSE41 variant of methods for lossless decoder

Files:

src/dsp/enc_mips_dsp_r2.c

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

MIPS version of speed-critical encoding functions.

Author(s): Darko Laus (darko.laus@imgtec.com)

Mirko Raus (mirko.raus@imgtec.com)

Files:

ltmain.sh

func_version

Echo version message to standard output and exit.

The version message is extracted from the calling file's header
comments, with leading '# ' stripped:

1. First display the progname and version

2. Followed by the header comment line matching /^# Written by /

3. Then a blank line followed by the first following line matching
/^# Copyright /

4. Immediately followed by any lines between the previous matches,

Copyright © 1988, 2025, Oracle and/or its affiliates.

except lines preceding the intervening completely blank line.

For example, see the header comments of this file.

Files:

sharpyuv/sharpyuv.h

Copyright 2022 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Sharp RGB to YUV conversion.

Files:

src/dsp/yuv.c

Copyright 2010 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

YUV->RGB conversion functions

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/cpu.h

Copyright 2022 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

CPU detection functions and macros.

Author: Skal (pascal.massimino@gmail.com)

Files:

sharpyuv/sharpyuv.c

Copyright 2022 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Sharp RGB to YUV conversion.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/upsampling_sse2.c

Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

SSE2 version of YUV to RGB upsampling functions.

Author: somnath@google.com (Somnath Banerjee)

Files:

src/utils/endian_inl_utils.h

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2014 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Endian related functions.

Files:

examples/vwebp.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Simple OpenGL-based WebP file viewer.

Author: Skal (pascal.massimino@gmail.com)

Files:

imageio/jpegdec.c

imageio/jpegdec.h

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

JPEG decode.

Files:

src/dsp/alpha_processing_sse41.c

Copyright 2015 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Utilities for processing transparent channel, SSE4.1 variant.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/enc/webp_enc.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

WebP encoder: main entry point

Author: Skal (pascal.massimino@gmail.com)

Files:

imageio/metadata.c

imageio/metadata.h

Copyright 2012 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

 Copyright © 1988, 2025, Oracle and/or its affiliates.

tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Metadata types and functions.

Files:

.cmake-format.py

If comment markup is enabled, don't reflow the first comment block in each
listfile. Use this to preserve formatting of your copyright/license
statements.

Files:

src/enc/frame_enc.c

Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

---

frame coding and analysis

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dsp/dec_sse41.c

Copyright 2015 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

SSE4 version of some decoding functions.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/dec/alphai_dec.h

Copyright 2013 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Alpha decoder: internal header.

Author: Urvang (urvang@google.com)

Files:

src/dsp/alpha_processing.c

Copyright 2013 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

that can be found in the COPYING file in the root of the source

tree. An additional intellectual property rights grant can be found

in the file PATENTS. All contributing project authors may

be found in the AUTHORS file in the root of the source tree.

Utilities for processing transparent channel.

Author: Skal (pascal.massimino@gmail.com)

Files:

src/mux/muxedit.c

Copyright 2011 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license

Copyright © 1988, 2025, Oracle and/or its affiliates.

that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Set and delete APIs for mux.

Authors: Urvang (urvang@google.com)

Vikas (vikasa@google.com)

Files:

ltmain.sh

This is free software. There is NO warranty; not even for
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

Copyright (C) 2010-2019, 2021 Bootstrap Authors

This file is dual licensed under the terms of the MIT license
https://opensource.org/license/MIT, and GPL version 2 or later
http://www.gnu.org/licenses/gpl-2.0.html. You must apply one of
these licenses when using or redistributing this software or any of
the files within it. See the URLs above, or the file `LICENSE`
included in the Bootstrap distribution for the full license texts.

Files:

examples/unicode.h

Copyright 2018 Google Inc. All Rights Reserved.

Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Unicode support for Windows. The main idea is to maintain an array of Unicode

arguments (wargv) and use it only for file paths. The regular argv is used
for everything else.
Author: Yannis Guyon (yguyon@google.com)
Files:
src/dsp/enc_sse2.c
Copyright 2011 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

SSE2 version of speed-critical encoding functions.
Author: Christian Duvivier (cduvivier@google.com)
Files:
src/dsp/rescaler.c
Copyright 2014 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license
that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

Rescaling functions
Author: Skal (pascal.massimino@gmail.com)
Files:
src/dsp/lossless_enc_neon.c
Copyright 2015 Google Inc. All Rights Reserved.
Use of this source code is governed by a BSD-style license

Copyright © 1988, 2025, Oracle and/or its affiliates.

that can be found in the COPYING file in the root of the source
tree. An additional intellectual property rights grant can be found
in the file PATENTS. All contributing project authors may
be found in the AUTHORS file in the root of the source tree.

NEON variant of methods for lossless encoder

log4j-1.2-api Licenses

Top Level Component Name : log4j-1.2-api

Dependency Component Name : org.apache.logging.log4j » log4j-api

Dependency Component Name : org.apache.logging.log4j » log4j-core

Top Level Component License and Dependency Component License:

Apache License

Apache License, Version 2.0

Copyright 1999-2005 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Top Level Component and dependency Copyright:

Apache Log4j

Copyright 1999-2024 Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java

Copyright 2011 LMAX Ltd.

---------- Fourth Party dependencies ----------

Dependency: org.apache.logging.log4j:log4j-api

Dependency: org.apache.logging.log4j:log4j-core

Log4j-API Licenses

Apache License

Apache License, Version 2.0

Copyright 1999-2005 The Apache Software Foundation

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Notice.txt Log4j -------

Apache Log4j

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 1999-2024 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java

Copyright 2011 LMAX Ltd.

---

log4j-core Licenses

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache License, Version 2.0

Copyright 1999-2005 The Apache Software Foundation

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

./NOTICE.txt

Apache Log4j

Copyright 1999-2024 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java

Copyright 2011 LMAX Ltd.

---------- Separator ----------

Dependency: org.apache.logging.log4j:log4j-api

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.apache.logging.log4j:log4j-core)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.logging.log4j:log4j-core)

---------- Separator ----------

log4j-jcl Licenses

Apache Log4j Commons Logging Bridge

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Apache Log4j

Copyright 1999-2024 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java

Copyright 2011 LMAX Ltd.

License:

Apache License, Version 2.0

Copyright 1999-2005 The Apache Software Foundation

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========4th party dependencies==========

Fourth party dependency 1

Common-logging

License Details

Apache 2.0 (Refer to above details)

Apache Commons Logging

Copyright 2003-2014 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Fourth party dependency 2

log4j-api

License Details

Apache 2.0 (Refer to above details)

Apache Log4j API

Copyright 1999-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

log4j-slf4j-impl License

Apache License

Apache License, Version 2.0

==========

COPYRIGHT NOTICE:

Apache Log4j SLF4J Binding

Copyright 1999-2024 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

TOP LEVEL NOTICE:

Apache Log4j

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 1999-2024 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java

Copyright 2011 LMAX Ltd.

==========

FOURTH PARTY DEPENDENCY: log4j-api

LICENSE: Apache 2.0

COPYRIGHT NOTICE:

Apache Log4j API

Copyright 1999-2024 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

==========

FOURTH PARTY DEPENDENCY: log4j-core

LICENSE: Apache 2.0

COPYRIGHT NOTICE:

Apache Log4j Core

Copyright 1999-2012 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

==========

FOURTH PARTY DEPENDENCY: org.slf4j:slf4j-api

LICENSE:

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)

All rights reserved.

MIT License

Logstash - OSS Licenses

Copyright 2009-2021 Elasticsearch

Source code in this repository is variously licensed under the Apache License Version 2.0, an Apache compatible license, or the Elastic License. Outside of the "x-pack" folder, source code in a given file is licensed under the Apache License Version 2.0, unless otherwise noted at the beginning of the file or a LICENSE file present in the directory subtree declares a separate license. Within the "x-pack" folder, source code in a given file is licensed under the Elastic License, unless otherwise noted at the beginning of the file or a LICENSE file present in the directory subtree declares a separate license. The build produces two sets of binaries - one set that falls under the Elastic License and another set that falls under Apache License Version 2.0. The binaries that contain `-oss` in the artifact name are licensed under the Apache License Version 2.0.

Apache License

Apache License, Version 2.0

Copyright 2020 Elastic and contributors

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

4th party dependencies:

==========

Notice for: addressable

Copyright © Bob Aman

Apache License, Version 2.0

==========

Notice for: amazing_print

MIT License

Copyright (c) 2010-2019 Michael Dvorkin

Copyright (c) 2020 AmazingPrint

MIT License

==========

Notice for: atomic

Apache License, Version 2.0

==========

Notice for: avl_tree

Copyright (c) 2012, Hiroshi Nakamura <nahi@ruby-lang.org>

All rights reserved.

BSD 2-Clause License

==========

Notice for: avro

Apache Avro

Copyright 2010-2015 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

==========

Notice for: aws-eventstream

Apache License, Version 2.0

==========

Notice for: aws-partitions

Apache License, Version 2.0

==========

Notice for: aws-sdk-cloudfront

Apache License, Version 2.0

==========

Notice for: aws-sdk-cloudwatch

Apache License, Version 2.0

==========

Notice for: aws-sdk-core

Apache License, Version 2.0

==========

Notice for: aws-sdk-kms

Apache License, Version 2.0

==========

Notice for: aws-sdk-resourcegroups

Copyright © 1988, 2025, Oracle and/or its affiliates.

Apache License, Version 2.0

==========

Notice for: aws-sdk-s3

Apache License, Version 2.0

==========

Notice for: aws-sdk-sns

Apache License, Version 2.0

==========

Notice for: aws-sdk-sqs

Apache License, Version 2.0

==========

Notice for: aws-sigv4

Apache License, Version 2.0

==========

Notice for: back_pressure

Copyright [yyyy] [name of copyright owner]

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: bindata

Copyright (C) 2007-2012 Dion Mendel. All rights reserved.

BSD 2-Clause License

==========

Notice for: buftok

Copyright (c) 2006-2013 Tony Arcieri, Martin Emde, Erik Michaels-Ober. Distributed under the [Ruby license][license]. [license]: http://www.ruby-lang.org/en/LICENSE.txt

Ruby is copyrighted free software by Yukihiro Matsumoto <matz@netlab.jp>.

You can redistribute it and/or modify it under either the terms of the

2-clause BSDL (see the file BSDL), or the conditions below:

1. You may make and give away verbatim copies of the source form of the

software without restriction, provided that you duplicate all of the

original copyright notices and associated disclaimers.

2. You may modify your copy of the software in any way, provided that

you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise

make them Freely Available, such as by posting said

modifications to Usenet or an equivalent medium, or by allowing

the author to include your modifications in the software.

b) use the modified software only within your corporation or

organization.

c) give non-standard binaries non-standard names, with

instructions on where to get the original software distribution.

d) make other distribution arrangements with the author.

3. You may distribute the software in object code or binary form,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

provided that you do at least ONE of the following:

a) distribute the binaries and library files of the software,

together with instructions (in the manual page or equivalent)

on where to get the original distribution.

b) accompany the distribution with the machine-readable source of

the software.

c) give non-standard binaries non-standard names, with

instructions on where to get the original software distribution.

d) make other distribution arrangements with the author.

4. You may modify and include the part of the software into any other

software (possibly commercial). But some files in the distribution

are not written by the author, so that they are not under these terms.

For the list of those files and their copying conditions, see the

file LEGAL.

5. The scripts and library files supplied as input to or produced as

output from the software do not automatically fall under the

copyright of the software, but belong to whomever generated them,

and may be sold commercially, and may be aggregated with this

software.

6. THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR

IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR

PURPOSE.

==========

Notice for: bundler

Portions copyright (c) 2010 Andre Arko

Portions copyright (c) 2009 Engine Yard

MIT License

MIT License

==========

Notice for: cabin

Copyright 2011 Jordan Sissel

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: cgi

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: clamp

Copyright (c) 2010 Mike Williams <mdub@dogbiscuit.org>

MIT License

==========

Notice for: coderay

Copyright (C) 2005-2012 Kornelius Kalnbach <murphy@rubychan.de> (@murphy_karasu)

http://coderay.rubychan.de/

 Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

==========

Notice for: com.fasterxml.jackson.core:jackson-annotations

This copy of Jackson JSON processor annotations is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.
You may obtain a copy of the License at:
http://www.apache.org/licenses/LICENSE-2.0

Apache License, Version 2.0

==========

Notice for: com.fasterxml.jackson.core:jackson-core

Jackson JSON processor
Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
commercially by FasterXML.com.
Licensing
Jackson core and extension components may licensed under different licenses.
To find the details that apply to this artifact see the accompanying LICENSE file.
For more information, including possible other licensing options, contact
FasterXML.com (http://fasterxml.com).
Credits
A list of contributors may be found from CREDITS file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Apache License, Version 2.0

==========

Notice for: com.fasterxml.jackson.core:jackson-databind

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
commercially by FasterXML.com.

Licensing

Jackson core and extension components may be licensed under different licenses.
To find the details that apply to this artifact see the accompanying LICENSE file.
For more information, including possible other licensing options, contact
FasterXML.com (http://fasterxml.com).

Credits

A list of contributors may be found from CREDITS file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.
This copy of Jackson JSON processor databind module is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.
You may obtain a copy of the License at:
http://www.apache.org/licenses/LICENSE-2.0

Apache License, Version 2.0

==========

Notice for: com.fasterxml.jackson.dataformat:jackson-dataformat-cbor

---

 Copyright © 1988, 2025, Oracle and/or its affiliates.

This copy of Jackson JSON processor databind module is licensed under the

Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the

specific rights regarding derivate works.

You may obtain a copy of the License at:

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

Apache License, Version 2.0

==========

Notice for: com.fasterxml.jackson.dataformat:jackson-dataformat-yaml

---

This copy of Jackson JSON processor databind module is licensed under the

Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the

specific rights regarding derivate works.

You may obtain a copy of the License at:

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

Apache License, Version 2.0

==========

Notice for: com.fasterxml.jackson.module:jackson-module-afterburner

---

This copy of Jackson JSON processor databind module is licensed under the

Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the

specific rights regarding derivate works.

You may obtain a copy of the License at:

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

Apache License, Version 2.0

==========

Notice for: com.google.googlejavaformat:google-java-format

Copyright 2015 Google Inc.

Apache License, Version 2.0

The following NCSA license applies only to google-java-format-diff.py.

==========

LLVM Release License

==========

University of Illinois/NCSA

Open Source License

Copyright (c) 2007-2015 University of Illinois at Urbana-Champaign.

All rights reserved.

Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

http://llvm.org

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

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

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

* Neither the names of the LLVM Team, University of Illinois at Urbana-Champaign, nor the names of its contributors may be used to

 Copyright © 1988, 2025, Oracle and/or its affiliates.

endorse or promote products derived from this Software without specific

prior written permission.

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

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS

FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

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

SOFTWARE.

==========

The LLVM software contains code written by third parties. Such software will

have its own individual LICENSE.TXT file in the directory in which it appears.

This file will describe the copyrights, license, and restrictions which apply

to that code.

The disclaimer of warranty in the University of Illinois Open Source License

applies to all code in the LLVM Distribution, and nothing in any of the

other licenses gives permission to use the names of the LLVM Team or the

University of Illinois to endorse or promote products derived from this

Software.

The following pieces of software have additional or alternate copyrights,

licenses, and/or restrictions:

Program Directory

------- ---------

<none yet>

==========

Notice for: com.google.guava:guava

Apache License, Version 2.0

==========

Notice for: commons-codec:commons-codec

Apache Commons Codec

Copyright 2002-2017 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java

contains test data from http://aspell.net/test/orig/batch0.tab.

Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)

==========

The content of package org.apache.commons.codec.language.bm has been translated

from the original php source code available at http://stevemorse.org/phoneticinfo.htm

with permission from the original authors.

Original source copyright:

Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

Apache License, Version 2.0

==========

Notice for: commons-logging:commons-logging

Apache Commons Logging

Copyright 2003-2016 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Apache License, Version 2.0

==========

Notice for: concurrent-ruby

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) Jerry D'Antonio -- released under the MIT license.

http://www.opensource.org/licenses/mit-license.php

MIT License

==========

Notice for: dalli

Copyright (c) Peter M. Goldstein, Mike Perham

MIT License

==========

Notice for: date

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: domain_name

Copyright (c) 2011-2017 Akinori MUSHA

All rights reserved.

BSD 2-Clause License

* lib/domain_name/punycode.rb

This file is derived from the implementation of punycode available at

here:

https://www.verisign.com/en_US/channel-resources/domain-registry-products/idn-sdks/index.xhtml

Copyright (C) 2000-2002 Verisign Inc., All rights reserved.

Redistribution and use in source and binary forms, with or

without modification, are permitted provided that the following

conditions are met:

1) Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

2) Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.
3) Neither the name of the VeriSign Inc. nor the names of its
contributors may be used to endorse or promote products derived
from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS
OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED
AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN
ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
This software is licensed under the BSD open source license. For more
information visit www.opensource.org.
Authors:
John Colosi (VeriSign)
Srikanth Veeramachaneni (VeriSign)
Nagesh Chigurupati (Verisign)
Praveen Srinivasan(Verisign)
* lib/domain_name/etld_data.rb
This file is generated from the Public Suffix List
(https://publicsuffix.org/), which is licensed under MPL 2.0:

 Copyright © 1988, 2025, Oracle and/or its affiliates.

https://mozilla.org/MPL/2.0/

==========

Notice for: dotenv

Copyright (c) 2012 Brandon Keepers

MIT License

MIT License

==========

Notice for: down

The MIT License (MIT)

Copyright (c) 2015 Janko Marohnić

MIT License

==========

Notice for: e2mmap

---

source: https://github.com/ruby/e2mmap/blob/master/LICENSE.txt

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: edn

Copyright (c) 2012 Relevance Inc & Clinton N. Dreisbach

MIT License

MIT License

==========

Notice for: elastic-app-search

Elastic App Search Ruby client.

Copyright 2012-2019 Elasticsearch B.V.

==========

Notice for: elastic-enterprise-search

Apache License, Version 2.0

==========

Notice for: elastic-workplace-search

---

source: https://github.com/elastic/workplace-search-ruby/blob/master/NOTICE.txt

Elastic Workplace Search Ruby client.

Copyright 2012-2020 Elasticsearch B.V.

==========

Notice for: elasticsearch

Copyright 2013 Elasticsearch

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: elasticsearch-api

Copyright (c) 2013 Elasticsearch

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: elasticsearch-transport

Copyright (c) 2013 Elasticsearch

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: equalizer

Copyright (c) 2009-2013 Dan Kubb

Copyright (c) 2012 Markus Schirp (packaging)

MIT License

==========

Notice for: et-orbi

Copyright (c) 2017-2022, John Mettraux, jmettraux+flor@gmail.com

MIT License

Made in Japan

==========

Notice for: faraday

Copyright (c) 2009-2015 Rick Olson, Zack Hobson

MIT License

==========

Notice for: faraday-em_http

The MIT License (MIT)

Copyright (c) 2020 Jan van der Pas

MIT License

==========

Notice for: faraday-em_synchrony

The MIT License (MIT)

Copyright (c) 2020 Jan van der Pas

MIT License

==========

Notice for: faraday-excon

The MIT License (MIT)

Copyright (c) 2020 Jan van der Pas

MIT License

==========

Notice for: faraday-httpclient

Copyright © 1988, 2025, Oracle and/or its affiliates.

The MIT License (MIT)

Copyright (c) 2020 Jan van der Pas

MIT License

==========

Notice for: faraday-multipart

The MIT License (MIT)

Copyright (c) 2020 Jan van der Pas

MIT License

==========

Notice for: faraday-net_http

The MIT License (MIT)

Copyright (c) 2020 Jan van der Pas

MIT License

==========

Notice for: faraday-net_http_persistent

The MIT License (MIT)

Copyright (c) 2020 Jan van der Pas

MIT License

==========

Notice for: faraday-patron

The MIT License (MIT)

Copyright (c) 2020 Jan van der Pas

MIT License

==========

Notice for: faraday-rack

The MIT License (MIT)

Copyright (c) 2020 Jan van der Pas

MIT License

==========

Notice for: faraday-retry

The MIT License (MIT)

Copyright (c) 2020 Jan van der Pas

MIT License

==========

Notice for: ffi

Copyright (c) 2008-2016, Ruby FFI project contributors

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

* Neither the name of the Ruby FFI project nor the

names of its contributors may be used to endorse or promote products

derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

Copyright © 1988, 2025, Oracle and/or its affiliates.

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==========

Notice for: ffi-binary-libfixposix

Eclipse Public License, Version 2.0

==========

Notice for: filesize

---

https://github.com/dominikh/filesize/blob/v0.0.4/LICENSE

Copyright (c) 2009 Dominik Honnef

MIT License

==========

Notice for: fugit

Copyright (c) 2017-2021, John Mettraux, jmettraux+flor@gmail.com

MIT License

Made in Japan

==========

Notice for: gelfd2

Copyright 2011-2013 John E. Vincent and contributors.

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: gems

Copyright (c) 2011-2013 Erik Michaels-Ober

MIT License

==========

Notice for: gene_pool

Copyright (c) 2010-2011 Brad Pardee

MIT License

==========

Notice for: hitimes

ISC LICENSE - http://opensource.org/licenses/isc-license.txt

Copyright (c) 2008-2015 Jeremy Hinegardner

ISC License

==========

Notice for: http

Copyright (c) 2011-2015 Tony Arcieri, Erik Michaels-Ober, Alexey V. Zapparov, Zachary Anker

Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

==========

Notice for: http-cookie

Copyright (c) 2013 Akinori MUSHA

Copyright (c) 2011-2012 Akinori MUSHA, Eric Hodel

Copyright (c) 2006-2011 Aaron Patterson, Mike Dalessio

MIT License

MIT License

==========

Notice for: http-form_data

Copyright (c) 2015 Aleksey V Zapparov

MIT License

MIT License

==========

Notice for: http_parser.rb

Copyright 2009,2010 Marc-André Cournoyer <macournoyer@gmail.com>

Copyright 2010,2011 Aman Gupta <aman@tmm1.net>

MIT License

==========

Notice for: i18n

Copyright (c) 2008 The Ruby I18n team

MIT License

==========

Notice for: insist

---

source: https://github.com/jordansissel/ruby-insist/blob/master/LICENSE

Copyright 2012-2013 Jordan Sissel and contributors.

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: io-console

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: jar-dependencies

Copyright (c) 2014 Christian Meier

MIT License

==========

Notice for: jls-grok

---

source: https://github.com/jordansissel/ruby-grok/blob/master/LICENSE

Apache License, Version 2.0

==========

Notice for: jls-lumberjack

 Copyright © 1988, 2025, Oracle and/or its affiliates.

source: https://github.com/elastic/ruby-lumberjack/blob/master/LICENSE

Copyright 2012–2015 Jordan Sissel and contributors.

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: jmespath

Apache License, Version 2.0

==========

Notice for: jrjackson

---

https://github.com/guyboertje/jrjackson/blob/v0.4.6/README.md

LICENSE applicable to this library:

Apache License 2.0 see http://www.apache.org/licenses/LICENSE-2.0

==========

Notice for: jruby

JRuby is Copyright (c) 2007-2018 The JRuby project, and is released

under a tri EPL/GPL/LGPL license. You can use it, redistribute it

and/or modify it under the terms of the:

Eclipse Public License version 2.0

OR

GNU General Public License version 2

OR

GNU Lesser General Public License version 2.1

bytelist (http://github.com/jruby/bytelist),

jnr-posix (https://github.com/jnr/jnr-posix),

jruby-openssl (https://github.com/jruby/jruby-openssl),

jruby-readline (https://github.com/jruby/jruby-readline),

psych (https://github.com/ruby/psych),

yydebug (https://github.com/jruby/jay-yydebug/)

are released under the same copyright/license.

Some additional libraries distributed with JRuby are not covered by

JRuby's licence. Most of these libraries and their licenses are listed

below. Also see LICENSE.RUBY for most files found in lib/ruby/stdlib.

asm (http://asm.objectweb.org) is distributed under the BSD license and is

Copyright (c) 2000-2011 INRIA, France Telecom

All rights reserved.

jline2 (https://github.com/jline/jline2) is distributed under the BSD license:

Copyright (c) 2002-2012, the original author or authors.

All rights reserved.

jzlib (http://www.jcraft.com/jzlib/) is distributed under the BSD license:

Copyright (c) 2000-2011 ymnk, JCraft,Inc. All rights reserved.

The "rake" library (https://github.com/ruby/rake) is distributed under

the MIT license, and has the following copyright:

Copyright (c) 2003, 2004 Jim Weirich

jcodings (http://github.com/jruby/jcodings) and

joni (http://github.com/jruby/joni) are distributed

under the MIT license without copyright.

Bouncycastle is released under the MIT license:

Copyright (c) 2000 - 2006 The Legion Of The Bouncy Castle.

Copyright © 1988, 2025, Oracle and/or its affiliates.

jnr-x86asm (https://github.com/jnr/jnr-x86asm) is distributed under the MIT
license with the following copyright:

Copyright (C) 2010 Wayne Meissner

Copyright (c) 2008-2009, Petr Kobalicek <kobalicek.petr@gmail.com>

The following libraries are redistributed under the Apache Software
License v2.0, available below.

invokebinder (https://github.com/headius/invokebinder)

jffi (https://github.com/jnr/jffi)

jitescript (https://github.com/qmx/jitescript)

jnr-constants (http://github.com/jnr/jnr-constants)

jnr-enxio (https://github.com/jnr/jnr-enxio)

jnr-ffi (https://github.com/jnr/jnr-jffi)

jnr-netdb (http://github.com/jnr/jnr-netdb)

jnr-unixsocket (https://github.com/jnr/jnr-unixsocket)

joda-time (http://joda-time.sourceforge.net)

maven (http://maven.apache.org/)

nailgun (http://martiansoftware.com/nailgun)

options (https://github.com/headius/options)

snakeyaml (https://github.com/asomov/snakeyaml)

unsafe-fences (https://github.com/headius/unsafe-fences)

racc (runtime only, https://github.com/tenderlove/racc) is
distributed under the same license terms as the Ruby standard
library. This includes all files under lib/ruby/stdlib/racc.

See LICENSE.RUBY.

json-generator and json-parser (https://github.com/flori/json) native
extenstions under the same license terms as the Ruby standard library.

See LICENSE.RUBY

The complete text of the Eclipse Public License is as follows:

Eclipse Public License, Version 2.0

The complete text of the GNU General Public License v2 is as follows:

GNU General Public License, Version 2

The complete text of the GNU Lesser General Public License 2.1 is as follows:

GNU Lesser General Public License, Version 2.1

The following licenses cover code other than JRuby which is included with JRuby.

Licenses listed below include:

* GNU General Public License version 3

* Apache 2.0 License

* BSD License

* MIT License

The complete text of the GNU General Public License version 3 is as follows:

GNU General Public License, Version 3

The complete text of the Apache 2.0 License is as follows:

Apache License, Version 2.0

The complete text of the BSD license can be is as follows:

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

3. Neither the name of the University nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

 Copyright © 1988, 2025, Oracle and/or its affiliates.

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

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

The complete text of the MIT license is as follows:

MIT License

The complete text of the GPL v2, and classpath exception:

GNU General Public License, Version 2

"CLASSPATH" EXCEPTION TO THE GPL

Certain source files distributed by Oracle America and/or its affiliates are subject to the following clarification and special exception to the GPL, but only where Oracle has expressly included in the particular source file's header the words "Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the LICENSE file that accompanied this code."

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If

Copyright © 1988, 2025, Oracle and/or its affiliates.

you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

The full text of the zlib licence:

Copyright (C) 1995-2013 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly Mark Adler

jloup@gzip.org madler@alumni.caltech.edu

==========

Notice for: jruby-jms

Copyright 2008, 2009, 2010, 2011 J. Reid Morrison, Inc.

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

 Copyright © 1988, 2025, Oracle and/or its affiliates.

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: jruby-openssl

JRuby-OpenSSL is distributed under the same license as JRuby a tri EPL/GPL/LGPL

license. You can use it, redistribute it and/or modify it under the terms of the:

Eclipse Public License version 1.0

GNU General Public License version 2.0

GNU Lesser General Public License version 2.1

The contents of this file are subject to the Common Public License Version 1.0

(the "License"); you may not use this file except in compliance with the License.

You may obtain a copy of the License at http://www.eclipse.org/legal/cpl-v10.html

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

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS

FOR APARTICULAR PURPOSE AND NONINFRINGEMENT.

IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM,

DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,

ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER

DEALINGS IN THE SOFTWARE.

Copyright (C) 2007-2009 Ola Bini <ola.bini@gmail.com>

Copyright (C) 2009-2017 The JRuby Team

Alternatively, the contents of this file may be used under the terms of

either of the GNU General Public License Version 2 or later (the "GPL"),

or the GNU Lesser General Public License Version 2.1 or later (the "LGPL"),

in which case the provisions of the GPL or the LGPL are applicable instead
of those above. If you wish to allow use of your version of this file only
under the terms of either the GPL or the LGPL, and not to allow others to
use your version of this file under the terms of the EPL, indicate your
decision by deleting the provisions above and replace them with the notice
and other provisions required by the GPL or the LGPL. If you do not delete
the provisions above, a recipient may use your version of this file under
the terms of any one of the EPL, the GPL or the LGPL.
JRuby-OpenSSL includes software by The Legion of the Bouncy Castle Inc.
Please, visit (http://bouncycastle.org/license.html) for licensing details.

==========

Notice for: jruby-stdin-channel

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

==========

Notice for: json

Copyright (c) 2013 ThoughtWorks Brasil & Abril Midia
MIT License
MIT License

==========

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Notice for: jwt

Copyright (c) 2011 Jeff Lindsay

MIT License

==========

Notice for: lru_redux

Copyright (c) 2013 Sam Saffron

MIT License

MIT License

==========

Notice for: mail

Copyright (c) 2009-2017 Mikel Lindsaar

MIT License

==========

Notice for: manticore

Copyright (c) 2015 Chris Heald

MIT License

==========

Notice for: march_hare

Copyright (c) 2011-2013 Theo Hultberg

Copyright (c) 2013-2017 Michael S. Klishin and contributors

MIT License

==========

Notice for: memoizable

Copyright (c) 2013 Dan Kubb, Erik Michaels-Ober

MIT License

==========

Notice for: method_source

Copyright (c) 2011 John Mair (banisterfiend)

MIT License

==========

Notice for: metriks

Copyright (c) 2012 Eric Lindvall

MIT License

==========

Notice for: mime-types

---

* Copyright 2003–2015 Austin Ziegler.

* Adapted from MIME::Types (Perl) by Mark Overmeer.

MIT License

==========

Notice for: minitar

---

minitar is free software that may be redistributed and/or modified under the

terms of Ruby's licence or the Simplified BSD licence.

* Copyright 2004–2017 Austin Ziegler.

* Portions copyright 2004 Mauricio Julio Fernández Pradier.

==========

Notice for: msgpack

Copyright (C) 2008-2013 Sadayuki Furuhashi

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: multi_json

Copyright (c) 2010-2013 Michael Bleigh, Josh Kalderimis, Erik Michaels-Ober, Pavel Pravosud

MIT License

==========

Notice for: multipart-post

Copyright (c) 2007-2013 Nick Sieger <nick@nicksieger.com>

MIT License

==========

Notice for: murmurhash3

Copyright (c) 2012 Sokolov Yura 'funny-falcon'

MIT License

MIT License

==========

Notice for: mustache

Copyright (c) 2009 Chris Wanstrath

MIT License

==========

Notice for: mustermann

Copyright (c) 2013-2017 Konstantin Haase

Copyright (c) 2016-2017 Zachary Scott

MIT License

==========

Notice for: naught

Copyright (c) 2013 Avdi Grimm

MIT License

MIT License

==========

Notice for: net-http

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: net-protocol

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: nio4r

Released under the MIT license.

Copyright, 2019, by Tony Arcieri.

Copyright, 2019, by Samuel G. D. Williams.

Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

==========

Notice for: nokogiri

Copyright (c) 2008 - 2017:

* [Aaron Patterson](http://tenderlovemaking.com)

* [Mike Dalessio](http://mike.daless.io)

* [Charles Nutter](http://blog.headius.com)

* [Sergio Arbeo](http://www.serabe.com)

* [Patrick Mahoney](http://polycrystal.org)

* [Yoko Harada](http://yokolet.blogspot.com)

* [Akinori MUSHA](https://akinori.org)

* [John Shahid](https://github.com/jvshahid)

MIT License

==========

Notice for: openssl_pkcs8_pure

- Copyright (c) 2017, T. Yamada

BSD 2-Clause License

==========

Notice for: org.apache.httpcomponents:httpclient

Apache HttpComponents Client

Copyright 1999-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

==========

Notice for: org.apache.httpcomponents:httpcore

Apache HttpComponents Core

Copyright 2005-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

==========

Notice for: org.apache.logging.log4j:log4j-1.2-api

Apache Log4j

Copyright 1999-2017 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

==========

Notice for: org.apache.logging.log4j:log4j-api

Apache Log4j

Copyright 1999-2017 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

==========

Notice for: org.apache.logging.log4j:log4j-core

Apache Log4j

Copyright 1999-2017 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

==========

Notice for: org.apache.logging.log4j:log4j-jcl

Apache Log4j

Copyright 1999-2017 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

==========

Notice for: org.apache.logging.log4j:log4j-slf4j-impl

Apache Log4j

Copyright 1999-2017 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

==========

Notice for: org.codehaus.janino:janino

Janino - An embedded Java[TM] compiler

Copyright (c) 2001-2016, Arno Unkrig

Copyright (c) 2015-2016 TIBCO Software Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without

 Copyright © 1988, 2025, Oracle and/or its affiliates.

modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above

copyright notice, this list of conditions and the following

disclaimer in the documentation and/or other materials

provided with the distribution.

3. Neither the name of JANINO nor the names of its contributors

may be used to endorse or promote products derived from this

software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER

IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR

OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN

IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==========

Notice for: org.javassist:javassist

Copyright (C) 1999-2019 by Shigeru Chiba, All rights reserved.

This software is distributed under the Mozilla Public License Version 1.1, the GNU Lesser General Public License Version 2.1 or later, or the Apache License Version 2.0.

==========

Notice for: org.jruby:jruby-core

JRuby is Copyright (c) 2007-2018 The JRuby project

Eclipse Public License, Version 2.0

==========

Notice for: org.logstash:jvm-options-parser

Copyright (c) 2022 Elasticsearch B.V. <http://www.elastic.co>

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: org.reflections:reflections

WTFPL

Also licensed under BSD-2-Clause according to https://github.com/ronmamo/reflections/blob/0.9.11/pom.xml#L20-L22

==========

Notice for: org.slf4j:slf4j-api

Copyright (c) 2004-2007 QOS.ch

All rights reserved.

MIT License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

==========

Notice for: paquet

Copyright (c) 2012–2016 Elasticsearch <http://www.elastic.co>

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: pleaserun

Copyright 2014 Jordan Sissel contributors.

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: polyglot

Copyright (c) 2007 Clifford Heath

MIT License

==========

Notice for: pry

Copyright (c) 2016 John Mair (banisterfiend)

MIT License

==========

Notice for: psych

MIT License

Copyright (c) 2009 Aaron Patterson, et al.

MIT License

==========

Notice for: public_suffix

Copyright (c) 2009-2018 Simone Carletti <weppos@weppos.net>

MIT License

MIT License

==========

Notice for: puma

Some code copyright (c) 2005, Zed Shaw

Copyright (c) 2011, Evan Phoenix

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* Redistributions in binary form must reproduce the above copyright notice

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of the Evan Phoenix nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER

CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==========

Notice for: raabro

Copyright (c) 2015-2020, John Mettraux, jmettraux@gmail.com

MIT License

Made in Japan.

==========

Notice for: racc

---

source: https://github.com/ruby/racc/blob/master/COPYING

Copyright (C) 2019 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: rack

The MIT License (MIT)

Copyright (C) 2007-2018 Christian Neukirchen <http://chneukirchen.org/infopage.html>

MIT License

==========

Notice for: rack-protection

The MIT License (MIT)

Copyright (c) 2011-2017 Konstantin Haase

Copyright (c) 2015-2017 Zachary Scott

MIT License

==========

Notice for: rake

Copyright (c) Jim Weirich

MIT License

==========

Notice for: redis

Copyright (c) 2009 Ezra Zygmuntowicz

MIT License

==========

Notice for: reline

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

Copyright © 1988, 2025, Oracle and/or its affiliates.

BSD 2-Clause License

==========

Notice for: rexml

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: ruby-progressbar

Copyright (c) 2010-2016 The Kompanee, Ltd

MIT License

==========

Notice for: ruby2_keywords

Copyright 2019-2020 Nobuyoshi Nakada, Yusuke Endoh

BSD 2-Clause License

==========

Notice for: rubyzip

Authors:

* Alexander Simonov (alex at simonov.me)

* Alan Harper (alan at aussiegeek.net)

* Thomas Sondergaard (thomas at sondergaard.cc)

* Technorama Ltd. (oss-ruby-zip at technorama.net)

* extra-field support contributed by Tatsuki Sugiura (sugi at nemui.org)

Rubyzip is distributed under the same license as ruby. See http://www.ruby-lang.org/en/LICENSE.txt:

Ruby is copyrighted free software by Yukihiro Matsumoto <matz@netlab.jp>.

You can redistribute it and/or modify it under either the terms of the

2-clause BSDL (see the file BSDL), or the conditions below:

1. You may make and give away verbatim copies of the source form of the
software without restriction, provided that you duplicate all of the
original copyright notices and associated disclaimers.
2. You may modify your copy of the software in any way, provided that
you do at least ONE of the following:
a) place your modifications in the Public Domain or otherwise
make them Freely Available, such as by posting said
modifications to Usenet or an equivalent medium, or by allowing
the author to include your modifications in the software.
b) use the modified software only within your corporation or
organization.
c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d) make other distribution arrangements with the author.
3. You may distribute the software in object code or binary form,
provided that you do at least ONE of the following:
a) distribute the binaries and library files of the software,
together with instructions (in the manual page or equivalent)
on where to get the original distribution.
b) accompany the distribution with the machine-readable source of
the software.
c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d) make other distribution arrangements with the author.
4. You may modify and include the part of the software into any other
software (possibly commercial). But some files in the distribution
are not written by the author, so that they are not under these terms.
For the list of those files and their copying conditions, see the
file LEGAL.

Copyright © 1988, 2025, Oracle and/or its affiliates.

5. The scripts and library files supplied as input to or produced as
output from the software do not automatically fall under the
copyright of the software, but belong to whomever generated them,
and may be sold commercially, and may be aggregated with this
software.
6. THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE.

==========

Notice for: rufus-scheduler

Copyright (c) 2005-2014, John Mettraux, jmettraux@gmail.com

MIT License

==========

Notice for: semantic_logger

Copyright 2012, 2013, 2014, 2015, 2016 Reid Morrison
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

==========

Notice for: sequel

Copyright (c) 2007-2008 Sharon Rosner

Copyright (c) 2008-2018 Jeremy Evans

MIT License

==========

Notice for: simple_oauth

Copyright (c) 2010-2013 Steve Richert, Erik Michaels-Ober

MIT License

==========

Notice for: sinatra

Copyright (c) 2007, 2008, 2009 Blake Mizerany

Copyright (c) 2010, 2011, 2012, 2013, 2014, 2015, 2016 Konstantin Haase

MIT License

==========

Notice for: snappy

Copyright (c) 2011-2013 miyucy

MIT License

==========

Notice for: snappy-jars

Copyright Doug Mayer (https://github.com/doxavore)

README.md: "Per the real implementation, Apache License v2.0."

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

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

You may obtain a copy of the License at

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

==========

Notice for: snmp

Copyright (c) 2004-2014 David R. Halliday

MIT License

==========

Notice for: spoon

Apache License, Version 2.0

==========

Notice for: stud

Copyright 2012-2013 Jordan Sissel and contributors.
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

==========

Notice for: thread_safe

Apache License, Version 2.0

==========

Notice for: thwait

---

source: https://github.com/ruby/thwait/blob/master/LICENSE.txt

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: tilt

Copyright (c) 2010-2016 Ryan Tomayko <http://tomayko.com/about>

MIT License

==========

Notice for: time

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: timeout

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: treetop

Copyright (c) 2007 Nathan Sobo.

MIT License

==========

Copyright © 1988, 2025, Oracle and/or its affiliates.

Notice for: twitter

Copyright (c) 2006-2015 Erik Michaels-Ober, John Nunemaker, Wynn Netherland, Steve Richert, Steve Agalloco

MIT License

==========

Notice for: tzinfo

Copyright (c) 2005-2018 Philip Ross

MIT License

==========

Notice for: tzinfo-data

Copyright (c) 2005-2018 Philip Ross

MIT License

==========

Notice for: unf

Copyright (c) 2011, 2012 Akinori MUSHA

All rights reserved.

BSD 2-Clause License

==========

Notice for: uri

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: webhdfs

Copyright (C) 2012 Fluentd Project

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: xml-simple

Readme.md:

XmlSimple is Copyright (c) 2003-2017 Maik Schmidt. It is free software, and may

be redistributed under the terms specified in the COPYING file of the current

Ruby distribution.

BSD 2-Clause License

==========

Notice for: bigdecimal

Ruby is copyrighted free software by Yukihiro Matsumoto <matz@netlab.jp>.

You can redistribute it and/or modify it under either the terms of the

2-clause BSDL (see the file BSDL), or the conditions below:

1. You may make and give away verbatim copies of the source form of the

software without restriction, provided that you duplicate all of the

original copyright notices and associated disclaimers.

2. You may modify your copy of the software in any way, provided that

you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise

 Copyright © 1988, 2025, Oracle and/or its affiliates.

make them Freely Available, such as by posting said
modifications to Usenet or an equivalent medium, or by allowing
the author to include your modifications in the software.
b) use the modified software only within your corporation or
organization.
c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d) make other distribution arrangements with the author.
3. You may distribute the software in object code or binary form,
provided that you do at least ONE of the following:
a) distribute the binaries and library files of the software,
together with instructions (in the manual page or equivalent)
on where to get the original distribution.
b) accompany the distribution with the machine-readable source of
the software.
c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d) make other distribution arrangements with the author.
4. You may modify and include the part of the software into any other
software (possibly commercial). But some files in the distribution
are not written by the author, so that they are not under these terms.
For the list of those files and their copying conditions, see the
file LEGAL.
5. The scripts and library files supplied as input to or produced as
output from the software do not automatically fall under the
copyright of the software, but belong to whomever generated them,
and may be sold commercially, and may be aggregated with this
software.
6. THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR

Copyright © 1988, 2025, Oracle and/or its affiliates.

IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE.

==========

Notice for: com.google.code.findbugs:jsr305

Copyright (c) 2007-2009, JSR305 expert group
All rights reserved.
https://opensource.org/licenses/BSD-3-Clause
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:
* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.
* Neither the name of the JSR305 expert group nor the names of its
contributors may be used to endorse or promote products derived from
this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

 Copyright © 1988, 2025, Oracle and/or its affiliates.

ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==========

Notice for: com.google.errorprone:error_prone_annotations

Copyright 2020 The Error Prone Authors.

#

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

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

You may obtain a copy of the License at

#

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

#

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

==========

Notice for: com.google.j2objc:j2objc-annotations

---

* Copyright 2012 Google Inc. All Rights Reserved.

*

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

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

* You may obtain a copy of the License at

*

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

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

==========

Notice for: io.netty:netty-all

Netty (io.netty:netty-*)

Copyright 2012,2021 The Netty Project

Copyright 2014 Twitter, Inc.

Copyright (c) 2011, Joe Walnes and contributors

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

Copyright (c) 2004-2011 QOS.ch

Apache License, Version 2.0

---

netty Licenses

----------Bundled 4P depedencies----------

netty-transport-native-epoll

* LICENSE:

* https://github.com/netty/netty/blob/4.1/transport-native-epoll/pom.xml (Apache License 2.0)

Copyright 2014 The Netty Project

The Netty Project licenses this file to you under the Apache License,

version 2.0 (the "License"); you may not use this file except in compliance

with the License. You may obtain a copy of the License at:

https://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

 Copyright © 1988, 2025, Oracle and/or its affiliates.

WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
License for the specific language governing permissions and limitations
under the License.
* HOMEPAGE:
* https://github.com/netty/netty/tree/4.1/transport-native-epoll
netty-transport-native-kqueue
* LICENSE:
* https://github.com/netty/netty/blob/4.1/transport-native-kqueue/pom.xml (Apache License 2.0)
Copyright 2016 The Netty Project
The Netty Project licenses this file to you under the Apache License,
version 2.0 (the "License"); you may not use this file except in compliance
with the License. You may obtain a copy of the License at:
https://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
License for the specific language governing permissions and limitations
under the License.
* HOMEPAGE:
* https://github.com/netty/netty/tree/4.1/transport-native-kqueue
netty-resolver-dns-native-macos
* LICENSE:
* https://github.com/netty/netty/blob/4.1/resolver-dns-native-macos/pom.xml (Apache License 2.0)
Copyright 2019 The Netty Project
The Netty Project licenses this file to you under the Apache License,
version 2.0 (the "License"); you may not use this file except in compliance
with the License. You may obtain a copy of the License at:
https://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
License for the specific language governing permissions and limitations
under the License.
* HOMEPAGE:
* https://github.com/netty/netty/tree/4.1/resolver-dns-native-macos

==========

Notice for: net-imap

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

This software includes documentation which has been copied from the relevant
RFCs. The copied documentation is covered by the following licenses:
RFC 3501 (Editor: M. Crispin)
Full Copyright Statement
Copyright (C) The Internet Society (2003). All Rights Reserved.
This document and translations of it may be copied and furnished to
others, and derivative works that comment on or otherwise explain it
or assist in its implementation may be prepared, copied, published
and distributed, in whole or in part, without restriction of any
kind, provided that the above copyright notice and this paragraph are
included on all such copies and derivative works. However, this
document itself may not be modified in any way, such as by removing
the copyright notice or references to the Internet Society or other
Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for
copyrights defined in the Internet Standards process must be
followed, or as required to translate it into languages other than

 Copyright © 1988, 2025, Oracle and/or its affiliates.

English.

The limited permissions granted above are perpetual and will not be revoked by the Internet Society or its successors or assigns. v This document and the information contained herein is provided on an "AS IS" basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING TASK FORCE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

RFC9051 (Editors: A. Melnikov, B. Leiba)

Copyright Notice

Copyright (c) 2021 IETF Trust and the persons identified as the document authors. All rights reserved.

This document is subject to BCP 78 and the IETF Trust's Legal Provisions Relating to IETF Documents (https://trustee.ietf.org/license-info) in effect on the date of publication of this document. Please review these documents carefully, as they describe your rights and restrictions with respect to this document. Code Components extracted from this document must include Simplified BSD License text as described in Section 4.e of the Trust Legal Provisions and are provided without warranty as described in the Simplified BSD License.

This document may contain material from IETF Documents or IETF Contributions published or made publicly available before November 10, 2008. The person(s) controlling the copyright in some of this material may not have granted the IETF Trust the right to allow modifications of such material outside the IETF Standards Process. Without obtaining an adequate license from the person(s) controlling the copyright in such materials, this document may not be modified

outside the IETF Standards Process, and derivative works of it may not be created outside the IETF Standards Process, except to format it for publication as an RFC or to translate it into languages other than English.

==========

Notice for: net-pop

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: net-smtp

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

==========

Notice for: org.codehaus.janino:commons-compiler

---

* Janino - An embedded Java[TM] compiler

*

* Copyright (c) 2001-2010 Arno Unkrig. All rights reserved.

*

BSD 3-Clause License

==========

Notice for: org.codehaus.mojo:animal-sniffer-annotations

Copyright (c) 2009 codehaus.org.

MIT License

==========

Notice for: org.yaml:snakeyaml

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2008, SnakeYAML

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except

in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License

is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express

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

the License.

==========

Notice for: arr-pm

Copyright 2012 Jordan Sissel

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except

in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License

is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express

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

the License.

==========

Notice for: ruby-maven-libs

Copyright 2001-2015 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except

in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License

is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express

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

the License.

==========

Notice for: backports-

Copyright (c) 2009 Marc-Andre Lafortune

MIT License

==========

Notice for: childprocess

Copyright (c) 2010-2015 Jari Bakken

MIT License

==========

Notice for: fpm

Copyright (c) 2011-2021 Jordan Sissel and contributors.

MIT License

==========

Notice for: octokit

Copyright (c) 2009-2017 Wynn Netherland, Adam Stacoviak, Erik Michaels-Ober

MIT License

==========

Notice for: ruby-maven

Copyright (C) 2013 Christian Meier

MIT License

==========

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Notice for: sawyer

Copyright (c) 2011 rick olson

MIT License

Microsoft Public License (MS-PL)

This license governs use of the accompanying software. If you use the software, you accept this license. If you do not accept the license, do not use the software.

1. Definitions

The terms "reproduce," "reproduction," "derivative works," and "distribution" have the same meaning here as under U.S. copyright law.

A "contribution" is the original software, or any additions or changes to the software.

A "contributor" is any person that distributes its contribution under this license.

"Licensed patents" are a contributor's patent claims that read directly on its contribution.

2. Grant of Rights

(A) Copyright Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free copyright license to reproduce its contribution, prepare derivative works of its contribution, and distribute its contribution or any derivative works that you create.

(B) Patent Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free license under its licensed patents to make, have made, use, sell, offer for sale, import, and/or otherwise dispose of its contribution in the software or derivative works of the contribution in the software.

3. Conditions and Limitations

(A) No Trademark License- This license does not grant you rights to use any contributors' name, logo, or trademarks.

(B) If you bring a patent claim against any contributor over patents that you claim are infringed by the software, your patent license from such contributor to the software ends automatically.

(C) If you distribute any portion of the software, you must retain all copyright, patent, trademark, and attribution notices that are present in the software.

(D) If you distribute any portion of the software in source code form, you may do so only under this license by including a complete copy of this license with your distribution. If you distribute any portion of the software in compiled or object code form, you may only do so under a license that complies with this license.

(E) The software is licensed "as-is." You bear the risk of using it. The contributors give no express warranties, guarantees or conditions. You may have additional consumer rights under your local laws

Copyright © 1988, 2025, Oracle and/or its affiliates.

which this license cannot change. To the extent permitted under your local laws, the contributors exclude the implied warranties of merchantability, fitness for a particular purpose and non-infringement.

Microsoft Software License Terms (Microsoft .Net Library)

MICROSOFT .NET LIBRARY

These license terms are an agreement between you and Microsoft Corporation (or based on where you live, one of its affiliates). They apply to the software named above. The terms also apply to any Microsoft services or updates for the software, except to the extent those have different terms.

IF YOU COMPLY WITH THESE LICENSE TERMS, YOU HAVE THE RIGHTS BELOW.

1. INSTALLATION AND USE RIGHTS.

You may install and use any number of copies of the software to develop and test your applications.

2. THIRD PARTY COMPONENTS. The software may include third party components with separate legal notices or governed by other agreements, as may be described in the ThirdPartyNotices file(s) accompanying the software.

3. ADDITIONAL LICENSING REQUIREMENTS AND/OR USE RIGHTS.

a. DISTRIBUTABLE CODE. The software is comprised of Distributable Code. “Distributable Code” is code that you are permitted to distribute in applications you develop if you comply with the terms below.

i. Right to Use and Distribute.

· You may copy and distribute the object code form of the software.

· Third Party Distribution. You may permit distributors of your applications to copy and distribute the Distributable Code as part of those applications.

ii. Distribution Requirements. For any Distributable Code you distribute, you must

· use the Distributable Code in your applications and not as a standalone distribution;

· require distributors and external end users to agree to terms that protect it at least as much as this agreement; and

· indemnify, defend, and hold harmless Microsoft from any claims, including attorneys’ fees, related to the distribution or use of your applications, except to the extent that any claim is based solely on the unmodified Distributable Code.

iii. Distribution Restrictions. You may not

· use Microsoft’s trademarks in your applications’ names or in a way that suggests your applications come from or are endorsed by Microsoft; or

· modify or distribute the source code of any Distributable Code so that any part of it becomes subject to an Excluded License. An “Excluded License” is one that requires, as a condition of use, modification or distribution of code, that (i) it be disclosed or distributed in source code form; or (ii) others have the right to modify it.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

4. DATA.

a. Data Collection. The software may collect information about you and your use of the software, and send that to Microsoft. Microsoft may use this information to provide services and improve our products and services. You may opt-out of many of these scenarios, but not all, as described in the software documentation. There are also some features in the software that may enable you and Microsoft to collect data from users of your applications. If you use these features, you must comply with applicable law, including providing appropriate notices to users of your applications together with Microsoft's privacy statement. Our privacy statement is located at https://go.microsoft.com/fwlink/?LinkID=824704. You can learn more about data collection and its use from the software documentation and our privacy statement. Your use of the software operates as your consent to these practices.

b. Processing of Personal Data. To the extent Microsoft is a processor or subprocessor of personal data in connection with the software, Microsoft makes the commitments in the European Union General Data Protection Regulation Terms of the Online Services Terms to all customers effective May 25, 2018, at https://docs.microsoft.com/en-us/legal/gdpr.

5. SCOPE OF LICENSE. The software is licensed, not sold. This agreement only gives you some rights to use the software. Microsoft reserves all other rights. Unless applicable law gives you more rights despite this limitation, you may use the software only as expressly permitted in this agreement. In doing so, you must comply with any technical limitations in the software that only allow you to use it in certain ways. You may not

· work around any technical limitations in the software;

· reverse engineer, decompile or disassemble the software, or otherwise attempt to derive the source code for the software, except and to the extent required by third party licensing terms governing use of certain open source components that may be included in the software;

· remove, minimize, block or modify any notices of Microsoft or its suppliers in the software;

· use the software in any way that is against the law; or

· share, publish, rent or lease the software, provide the software as a stand-alone offering for others to use, or transfer the software or this agreement to any third party.

6. EXPORT RESTRICTIONS. You must comply with all domestic and international export laws and regulations that apply to the software, which include restrictions on destinations, end users, and end use. For further information on export restrictions, visit www.microsoft.com/exporting.

7. SUPPORT SERVICES. Because this software is "as is," we may not provide support services for it.

8. ENTIRE AGREEMENT. This agreement, and the terms for supplements, updates, Internet-based services and support services that you use, are the entire agreement for the software and support services.

9. APPLICABLE LAW. If you acquired the software in the United States, Washington law applies to interpretation of and claims for breach of this agreement, and the laws of the state where you live apply to all other claims. If you acquired the software in any other country, its laws apply.

10. CONSUMER RIGHTS; REGIONAL VARIATIONS. This agreement describes certain legal rights. You may have other rights, including consumer rights, under the laws of your state or country. Separate and apart from your relationship with Microsoft, you may also have rights with respect to the party from which you acquired the software. This agreement does not change those other rights if the laws of your

Copyright © 1988, 2025, Oracle and/or its affiliates.

state or country do not permit it to do so. For example, if you acquired the software in one of the below regions, or mandatory country law applies, then the following provisions apply to you:

a) Australia. You have statutory guarantees under the Australian Consumer Law and nothing in this agreement is intended to affect those rights.

b) Canada. If you acquired this software in Canada, you may stop receiving updates by turning off the automatic update feature, disconnecting your device from the Internet (if and when you re-connect to the Internet, however, the software will resume checking for and installing updates), or uninstalling the software. The product documentation, if any, may also specify how to turn off updates for your specific device or software.

c) Germany and Austria.

(i) Warranty. The software will perform substantially as described in any Microsoft materials that accompany it. However, Microsoft gives no contractual guarantee in relation to the software.

(ii) Limitation of Liability. In case of intentional conduct, gross negligence, claims based on the Product Liability Act, as well as in case of death or personal or physical injury, Microsoft is liable according to the statutory law.

Subject to the foregoing clause (ii), Microsoft will only be liable for slight negligence if Microsoft is in breach of such material contractual obligations, the fulfillment of which facilitate the due performance of this agreement, the breach of which would endanger the purpose of this agreement and the compliance with which a party may constantly trust in (so-called "cardinal obligations"). In other cases of slight negligence, Microsoft will not be liable for slight negligence

11. DISCLAIMER OF WARRANTY. THE SOFTWARE IS LICENSED “AS-IS.” YOU BEAR THE RISK OF USING IT. MICROSOFT GIVES NO EXPRESS WARRANTIES, GUARANTEES OR CONDITIONS. TO THE EXTENT PERMITTED UNDER YOUR LOCAL LAWS, MICROSOFT EXCLUDES THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.

12. LIMITATION ON AND EXCLUSION OF REMEDIES AND DAMAGES. YOU CAN RECOVER FROM MICROSOFT AND ITS SUPPLIERS ONLY DIRECT DAMAGES UP TO U.S. $5.00. YOU CANNOT RECOVER ANY OTHER DAMAGES, INCLUDING CONSEQUENTIAL, LOST PROFITS, SPECIAL, INDIRECT OR INCIDENTAL DAMAGES.

This limitation applies to (a) anything related to the software, services, content (including code) on third party Internet sites, or third party applications; and (b) claims for breach of contract, breach of warranty, guarantee or condition, strict liability, negligence, or other tort to the extent permitted by applicable law.

It also applies even if Microsoft knew or should have known about the possibility of the damages. The above limitation or exclusion may not apply to you because your state or country may not allow the exclusion or limitation of incidental, consequential or other damages.

Mina SSHD-common Fourth-Party Licenses

Top Level Component : sshd-common

Top Level Component License : Apache 2.0

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Notice:

Apache MINA SSHD

Copyright 2008-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Please refer to each LICENSE.<component>.txt file for the

license terms of the components that Apache MINA depends on.

License:

Apache License, Version 2.0

4p Top Level Component :slf4j-api

4p Top Level Component License : MIT license.

License:

Copyright (c) 2004-2023 QOS.ch

All rights reserved.

MIT License

4p Top Level Component :jcl-over-slf4j

4p Top Level Component License : Apache 2.0

Notice:

/*

* Copyright 2001-2004 The Apache Software Foundation.

*

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

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

* You may obtain a copy of the License at

*

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

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

License:

License Reference [0]

==========License Reference [0] start==========

Apache License, Version 2.0

==========License Reference [0] end==========

Mina SSHD-core Fourth-Party Licenses

Top Level Component : sshd-core

Top Level Component License : Apache 2.0

Top Level Component Copyright : Copyright

Apache License, Version 2.0

Apache MINA SSHD

Copyright 2008-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Please refer to each LICENSE.<component>.txt file for the

license terms of the components that Apache MINA depends on.

Message logging is provided by the SLF4J library package,

which is open source software, written by Ceki GÃ¼lcÃ¼, and

copyright by SLF4J.ORG and QOS.ch. The original software is

available from

 Copyright © 1988, 2025, Oracle and/or its affiliates.

http://www.slf4j.org/

Apache MINA SSHD

Copyright 2008-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Please refer to each LICENSE.<component>.txt file for the

license terms of the components that Apache MINA depends on.

Licensed to the Apache Software Foundation (ASF) under one or more

contributor license agreements. See the NOTICE file distributed with

this work for additional information regarding copyright ownership.

The ASF licenses this file to You under the Apache License, Version 2.0

(the "License"); you may not use this file except in compliance with

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

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Fourth-Party Dependencies

org.apache.sshd:sshd-common

== Copyright Notices

Apache MINA SSHD

Copyright 2008-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Please refer to each LICENSE.<component>.txt file for the

license terms of the components that Apache MINA depends on.

License:

License Reference [0]

4p Top Level Component :slf4j-api

4p Top Level Component License : MIT license.

4p Top Level Component Copyright : Copyright

Copyright (c) 2004-2023 QOS.ch

All rights reserved.

MIT License

4p Top Level Component :jcl-over-slf4j

4p Top Level Component License : Apache 2.0

4p Top Level Component Copyright : Copyright

Notice:

```
/*
* Copyright 2001-2004 The Apache Software Foundation.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License:

License Reference [0]

==========License Reference [0] start==========

Apache License, Version 2.0

==========License Reference [0] end==========

Mina SSHD-scp Fourth-Party Licenses

========= Mina SSHD SCP ==========

Apache License, Version 2.0

=========CopyRight ==========

Apache MINA SSHD

Copyright 2008-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Please refer to each LICENSE.<component>.txt file for the

license terms of the components that Apache MINA depends on.

========= 4th party Dependencies ==========

Dependency #1

NAME: SLF4J-API

===License====

Name: MIT

All rights reserved.

MIT License

===CopyRight====

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)

Copyright (c) 2004-2023 QOS.ch

Dependency #2

NAME: JCL-OVER-SLF4J

===License====

Apache License, Version 2.0

=====Copyright =========

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)

minitar License

minitar is free software that may be redistributed and/or modified under the terms of Ruby's licence or the Simplified BSD licence.

==========

Oracle elects the Simplified BSD License.

==========

Copyright 2004–2017 Austin Ziegler.

Portions copyright 2004 Mauricio Julio Fernández Pradier.

Simplified BSD Licence

See the file docs/bsdl.txt in the main distribution.

BSD 2-Clause License

Ruby's Licence

See the file docs/ruby.txt in the main distribution.

Ruby is copyrighted free software by Yukihiro Matsumoto .

You can redistribute it and/or modify it under either the terms of the

2-clause BSDL (see the file BSDL), or the conditions below:

1. You may make and give away verbatim copies of the source form of the

software without restriction, provided that you duplicate all of the

original copyright notices and associated disclaimers.

2. You may modify your copy of the software in any way, provided that

you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise

make them Freely Available, such as by posting said

modifications to Usenet or an equivalent medium, or by allowing

the author to include your modifications in the software.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

b) use the modified software only within your corporation or
organization.
c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d) make other distribution arrangements with the author.
3. You may distribute the software in object code or binary form,
provided that you do at least ONE of the following:
a) distribute the binaries and library files of the software,
together with instructions (in the manual page or equivalent)
on where to get the original distribution.
b) accompany the distribution with the machine-readable source of
the software.
c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.
d) make other distribution arrangements with the author.
4. You may modify and include the part of the software into any other
software (possibly commercial). But some files in the distribution
are not written by the author, so that they are not under these terms.
For the list of those files and their copying conditions, see the
file LEGAL.
5. The scripts and library files supplied as input to or produced as
output from the software do not automatically fall under the
copyright of the software, but belong to whomever generated them,
and may be sold commercially, and may be aggregated with this
software.
6. THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE.

Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

Copyright <YEAR> <COPYRIGHT HOLDER>

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is

furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in

all copies or substantial portions of the Software.

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

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

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

THE SOFTWARE.

Mouse License

****

********* Copied from LT Public License & Copyright Notices *********

/ Copyright (C) 2009, 2010 by Roman R. Redziejowski (www.romanredz.se).

//

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

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

// You may obtain a copy of the License at

//

 Copyright © 1988, 2025, Oracle and/or its affiliates.

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

//

// Unless required by applicable law or agreed to in writing, software

// distributed under the License is distributed on an "AS IS" BASIS,

// WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

// See the License for the specific language governing permissions and

// limitations under the License.

Apache License, Version 2.0

Mozilla Public License, Version 1.1

MOZILLA PUBLIC LICENSE Version 1.1

1. Definitions.

1.0.1. "Commercial Use"

means distribution or otherwise making the Covered Code available to a third party.

1.1. "Contributor"

means each entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.

1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.

1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. "Executable" means Covered Code in any form other than Source Code.

1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License" means this document.

1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

Copyright © 1988, 2025, Oracle and/or its affiliates.

a. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

b. Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. Source Code License.

2.1. The Initial Developer Grant.

The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

a. under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

b. under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

c. the licenses granted in this Section 2.1 (a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

d. Notwithstanding Section 2.1 (b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

2.2. Contributor Grant.

Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

a. under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and

b. under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

c. the licenses granted in Sections 2.2 (a) and 2.2 (b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

d. Notwithstanding Section 2.2 (b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Application of License.

The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

3.2. Availability of Source Code.

Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

3.3. Description of Modifications.

You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

3.4. Intellectual Property Matters

(a) Third Party Claims

Copyright © 1988, 2025, Oracle and/or its affiliates.

If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs

If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

(c) Representations.

Contributor represents that, except as disclosed pursuant to Section 3.4 (a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

3.5. Required Notices.

You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.6. Distribution of Executable Versions.

You may distribute Covered Code in Executable form only if the requirements of Sections 3.1, 3.2, 3.3, 3.4 and 3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.7. Larger Works.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

6. Versions of the License.

6.1. New Versions

Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

6.2. Effect of New Versions

Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

6.3. Derivative Works

If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

7. DISCLAIMER OF WARRANTY

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY

Copyright © 1988, 2025, Oracle and/or its affiliates.

CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

8. TERMINATION

8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declatory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:

a. such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.

b. any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

9. LIMITATION OF LIABILITY

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF

 Copyright © 1988, 2025, Oracle and/or its affiliates.

INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. GOVERNMENT END USERS

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

11. MISCELLANEOUS

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

12. RESPONSIBILITY FOR CLAIMS

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

13. MULTIPLE-LICENSED CODE

Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.

EXHIBIT A - Mozilla Public License.

"The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.mozilla.org/MPL/ Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License. The Original Code is _____. The Initial Developer of the Original Code is _____. Portions created by _____ are Copyright (C) _____ _____. All Rights Reserved. Contributor(s): _____. Alternatively, the contents of this file may be used under the terms of the _____ license (the "[___] License"), in which case the provisions of [_____] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [____] License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other

provisions required by the [___] License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the [___] License."

[NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.]

Mozilla Public License, Version 2.0

Mozilla Public License Version 2.0

==========

1. Definitions

1.1. "Contributor"

means each individual or legal entity that creates, contributes to

the creation of, or owns Covered Software.

1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used

by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

means Covered Software of a particular Contributor.

1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached

the notice in Exhibit A, the Executable Form of such Source Code

Form, and Modifications of such Source Code Form, in each case

including portions thereof.

1.5. "Incompatible With Secondary Licenses"

means

(a) that the initial Contributor has attached the notice described

in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of

version 1.1 or earlier of the License, but not also under the

 Copyright © 1988, 2025, Oracle and/or its affiliates.

terms of a Secondary License.

1.6. "Executable Form"

means any form of the work other than Source Code Form.

1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License"

means this document.

1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"

means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General

Copyright © 1988, 2025, Oracle and/or its affiliates.

Public License, Version 3.0, or any later versions of those
licenses.

1.13. "Source Code Form"

means the form of the work preferred for making modifications.

1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first

 Copyright © 1988, 2025, Oracle and/or its affiliates.

distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

(b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

(c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under

Copyright © 1988, 2025, Oracle and/or its affiliates.

applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for

 Copyright © 1988, 2025, Oracle and/or its affiliates.

the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to

Copyright © 1988, 2025, Oracle and/or its affiliates.

statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all

 Copyright © 1988, 2025, Oracle and/or its affiliates.

end user license agreements (excluding distributors and resellers) which
have been validly granted by You or Your distributors under this License
prior to termination shall survive termination.
****
* *
* 6. Disclaimer of Warranty *
* ------------------------- *
* *
* Covered Software is provided under this License on an "as is" *
* basis, without warranty of any kind, either expressed, implied, or *
* statutory, including, without limitation, warranties that the *
* Covered Software is free of defects, merchantable, fit for a *
* particular purpose or non-infringing. The entire risk as to the *
* quality and performance of the Covered Software is with You. *
* Should any Covered Software prove defective in any respect, You *
* (not any Contributor) assume the cost of any necessary servicing, *
* repair, or correction. This disclaimer of warranty constitutes an *
* essential part of this License. No use of any Covered Software is *
* authorized under this License except under this disclaimer. *
* *
****
****
* *
* 7. Limitation of Liability *
* ---------------------------- *
* *
* Under no circumstances and under no legal theory, whether tort *
* (including negligence), contract, or otherwise, shall any *
* Contributor, or anyone who distributes Covered Software as *

* permitted above, be liable to You for any direct, indirect, *

* special, incidental, or consequential damages of any character *

* including, without limitation, damages for lost profits, loss of *

* goodwill, work stoppage, computer failure or malfunction, or any *

* and all other commercial damages or losses, even if such party *

* shall have been informed of the possibility of such damages. This *

* limitation of liability shall not apply to liability for death or *

* personal injury resulting from such party's negligence to the *

* extent applicable law prohibits such limitation. Some *

* jurisdictions do not allow the exclusion or limitation of *

* incidental or consequential damages, so this exclusion and *

* limitation may not apply to You. *

* *

****

8. Litigation

Any litigation relating to this License may be brought only in the
courts of a jurisdiction where the defendant maintains its principal
place of business and such litigation shall be governed by laws of that
jurisdiction, without reference to its conflict-of-law provisions.
Nothing in this Section shall prevent a party's ability to bring
cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject
matter hereof. If any provision of this License is held to be
unenforceable, such provision shall be reformed only to the extent
necessary to make it enforceable. Any law or regulation which provides
that the language of a contract shall be construed against the drafter

 Copyright © 1988, 2025, Oracle and/or its affiliates.

shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.

Copyright © 1988, 2025, Oracle and/or its affiliates.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely to look
for such a notice.
You may add additional accurate notices of copyright ownership.
Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as
defined by the Mozilla Public License, v. 2.0.

netty Licenses

---------- Top-level license ----------
https://github.com/netty/netty/blob/netty-4.1.113.Final/LICENSE.txt
Apache License
Apache License, Version 2.0
---------- Copyright notices ----------
https://github.com/netty/netty/blob/netty-4.1.113.Final/NOTICE.txt
The Netty Project
==========
Please visit the Netty web site for more information:
* https://netty.io/
Copyright 2014 The Netty Project
The Netty Project licenses this file to you under the Apache License,
version 2.0 (the "License"); you may not use this file except in compliance
with the License. You may obtain a copy of the License at:
https://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

Also, please refer to each LICENSE.<component>.txt file, which is located in
the 'license' directory of the distribution file, for the license terms of the
components that this product depends on.

This product contains the extensions to Java Collections Framework which has
been derived from the works by JSR-166 EG, Doug Lea, and Jason T. Greene:

* LICENSE:
* license/LICENSE.jsr166y.txt (Public Domain)
* HOMEPAGE:
* http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/
* http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jbosscache/experimental/jsr166/

This product contains a modified version of Robert Harder's Public Domain
Base64 Encoder and Decoder, which can be obtained at:

* LICENSE:
* license/LICENSE.base64.txt (Public Domain)
* HOMEPAGE:
* http://iharder.sourceforge.net/current/java/base64/

This product contains a modified portion of 'Webbit', an event based
WebSocket and HTTP server, which can be obtained at:

* LICENSE:
* license/LICENSE.webbit.txt (BSD License)
* HOMEPAGE:
* https://github.com/joewalnes/webbit

This product contains a modified portion of 'SLF4J', a simple logging
facade for Java, which can be obtained at:

* LICENSE:
* license/LICENSE.slf4j.txt (MIT License)

* HOMEPAGE:

* https://www.slf4j.org/

This product contains a modified portion of 'Apache Harmony', an open source

Java SE, which can be obtained at:

* NOTICE:

* license/NOTICE.harmony.txt

* LICENSE:

* license/LICENSE.harmony.txt (Apache License 2.0)

* HOMEPAGE:

* https://archive.apache.org/dist/harmony/

This product contains a modified portion of 'jbzip2', a Java bzip2 compression

and decompression library written by Matthew J. Francis. It can be obtained at:

* LICENSE:

* license/LICENSE.jbzip2.txt (MIT License)

* HOMEPAGE:

* https://code.google.com/p/jbzip2/

This product contains a modified portion of 'libdivsufsort', a C API library to construct

the suffix array and the Burrows-Wheeler transformed string for any input string of

a constant-size alphabet written by Yuta Mori. It can be obtained at:

* LICENSE:

* license/LICENSE.libdivsufsort.txt (MIT License)

* HOMEPAGE:

* https://github.com/y-256/libdivsufsort

This product contains a modified portion of Nitsan Wakart's 'JCTools', Java Concurrency Tools for the JVM,

which can be obtained at:

* LICENSE:

* license/LICENSE.jctools.txt (ASL2 License)

* HOMEPAGE:

* https://github.com/JCTools/JCTools

 Copyright © 1988, 2025, Oracle and/or its affiliates.

This product optionally depends on 'JZlib', a re-implementation of zlib in
pure Java, which can be obtained at:
* LICENSE:
* license/LICENSE.jzlib.txt (BSD style License)
* HOMEPAGE:
* http://www.jcraft.com/jzlib/
This product optionally depends on 'Compress-LZF', a Java library for encoding and
decoding data in LZF format, written by Tatu Saloranta. It can be obtained at:
* LICENSE:
* license/LICENSE.compress-lzf.txt (Apache License 2.0)
* HOMEPAGE:
* https://github.com/ning/compress
This product optionally depends on 'lz4', a LZ4 Java compression
and decompression library written by Adrien Grand. It can be obtained at:
* LICENSE:
* license/LICENSE.lz4.txt (Apache License 2.0)
* HOMEPAGE:
* https://github.com/jpountz/lz4-java
This product optionally depends on 'lzma-java', a LZMA Java compression
and decompression library, which can be obtained at:
* LICENSE:
* license/LICENSE.lzma-java.txt (Apache License 2.0)
* HOMEPAGE:
* https://github.com/jponge/lzma-java
This product optionally depends on 'zstd-jni', a zstd-jni Java compression
and decompression library, which can be obtained at:
* LICENSE:
* license/LICENSE.zstd-jni.txt (BSD)
* HOMEPAGE:

Copyright © 1988, 2025, Oracle and/or its affiliates.

* https://github.com/luben/zstd-jni

This product contains a modified portion of 'jfastlz', a Java port of FastLZ compression

and decompression library written by William Kinney. It can be obtained at:

* LICENSE:

* license/LICENSE.jfastlz.txt (MIT License)

* HOMEPAGE:

* https://code.google.com/p/jfastlz/

This product contains a modified portion of and optionally depends on 'Protocol Buffers', Google's data

interchange format, which can be obtained at:

* LICENSE:

* license/LICENSE.protobuf.txt (New BSD License)

* HOMEPAGE:

* https://github.com/google/protobuf

This product optionally depends on 'Bouncy Castle Crypto APIs' to generate

a temporary self-signed X.509 certificate when the JVM does not provide the

equivalent functionality. It can be obtained at:

* LICENSE:

* license/LICENSE.bouncycastle.txt (MIT License)

* HOMEPAGE:

* https://www.bouncycastle.org/

This product optionally depends on 'Snappy', a compression library produced

by Google Inc, which can be obtained at:

* LICENSE:

* license/LICENSE.snappy.txt (New BSD License)

* HOMEPAGE:

* https://github.com/google/snappy

This product optionally depends on 'JBoss Marshalling', an alternative Java

serialization API, which can be obtained at:

* LICENSE:

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* license/LICENSE.jboss-marshalling.txt (Apache License 2.0)

* HOMEPAGE:

* https://github.com/jboss-remoting/jboss-marshalling

This product optionally depends on 'Caliper', Google's micro-

benchmarking framework, which can be obtained at:

* LICENSE:

* license/LICENSE.caliper.txt (Apache License 2.0)

* HOMEPAGE:

* https://github.com/google/caliper

This product optionally depends on 'Apache Commons Logging', a logging

framework, which can be obtained at:

* LICENSE:

* license/LICENSE.commons-logging.txt (Apache License 2.0)

* HOMEPAGE:

* https://commons.apache.org/logging/

This product optionally depends on 'Apache Log4J', a logging framework, which

can be obtained at:

* LICENSE:

* license/LICENSE.log4j.txt (Apache License 2.0)

* HOMEPAGE:

* https://logging.apache.org/log4j/

This product optionally depends on 'Aalto XML', an ultra-high performance

non-blocking XML processor, which can be obtained at:

* LICENSE:

* license/LICENSE.aalto-xml.txt (Apache License 2.0)

* HOMEPAGE:

* https://wiki.fasterxml.com/AaltoHome

This product contains a modified version of 'HPACK', a Java implementation of

the HTTP/2 HPACK algorithm written by Twitter. It can be obtained at:

Copyright © 1988, 2025, Oracle and/or its affiliates.

* LICENSE:

* license/LICENSE.hpack.txt (Apache License 2.0)

* HOMEPAGE:

* https://github.com/twitter/hpack

This product contains a modified version of 'HPACK', a Java implementation of

the HTTP/2 HPACK algorithm written by Cory Benfield. It can be obtained at:

* LICENSE:

* license/LICENSE.hyper-hpack.txt (MIT License)

* HOMEPAGE:

* https://github.com/python-hyper/hpack/

This product contains a modified version of 'HPACK', a Java implementation of

the HTTP/2 HPACK algorithm written by Tatsuhiro Tsujikawa. It can be obtained at:

* LICENSE:

* license/LICENSE.nghttp2-hpack.txt (MIT License)

* HOMEPAGE:

* https://github.com/nghttp2/nghttp2/

This product contains a modified portion of 'Apache Commons Lang', a Java library

provides utilities for the java.lang API, which can be obtained at:

* LICENSE:

* license/LICENSE.commons-lang.txt (Apache License 2.0)

* HOMEPAGE:

* https://commons.apache.org/proper/commons-lang/

This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.

* LICENSE:

* license/LICENSE.mvn-wrapper.txt (Apache License 2.0)

* HOMEPAGE:

* https://github.com/takari/maven-wrapper

This product contains the dnsinfo.h header file, that provides a way to retrieve the system DNS configuration on MacOS.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

This private header is also used by Apple's open source

mDNSResponder (https://opensource.apple.com/tarballs/mDNSResponder/).

* LICENSE:

* license/LICENSE.dnsinfo.txt (Apple Public Source License 2.0)

* HOMEPAGE:

* https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h

This product optionally depends on 'Brotli4j', Brotli compression and

decompression for Java., which can be obtained at:

* LICENSE:

* license/LICENSE.brotli4j.txt (Apache License 2.0)

* HOMEPAGE:

* https://github.com/hyperxpro/Brotli4j

Nimbus JOSE+JWT Licenses

---------- Copyright Info ----------

Nimbus JOSE + JWT

Copyright 2012 - 2022, Connect2id Ltd.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use

this file except in compliance with the License. You may obtain a copy of the

License at

https://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed

under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

CONDITIONS OF ANY KIND, either express or implied. See the License for the

specific language governing permissions and limitations under the License.

Apache License

Apache License, Version 2.0

4th Party Dependencies:

1. com.github.stephenc.jcip » jcip-annotations (Apache 2.0)

/*

* Copyright 2013 Stephen Connolly.

*

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

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

* You may obtain a copy of the License at

*

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

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

---

node.js License

Node.js is licensed for use as follows:

"""

Copyright Node.js contributors. All rights reserved.

MIT License

"""

This license applies to parts of Node.js originating from the

https://github.com/joyent/node repository:

"""

Copyright Joyent, Inc. and other Node contributors. All rights reserved.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

"""

The Node.js license applies to all parts of Node.js that are not externally

maintained libraries.

The externally maintained libraries used by Node.js are:

- Acorn, located at deps/acorn, is licensed as follows:

"""

MIT License

Copyright (C) 2012-2022 by various contributors (see AUTHORS)

MIT License

"""

- c-ares, located at deps/cares, is licensed as follows:

"""

MIT License

Copyright (c) 1998 Massachusetts Institute of Technology

Copyright (c) 2007 - 2023 Daniel Stenberg with many contributors, see AUTHORS

file.

MIT License

"""

- cjs-module-lexer, located at deps/cjs-module-lexer, is licensed as follows:

"""

MIT License

Copyright (C) 2018-2020 Guy Bedford

MIT License

"""

- ittapi, located at deps/v8/third_party/ittapi, is licensed as follows:

"""

Copyright (c) 2019 Intel Corporation. All rights reserved.

BSD 3-Clause License

"""

- ICU, located at deps/icu-small, is licensed as follows:

"""

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

See Terms of Use

for definitions of Unicode Inc.’s Data Files and Software.

NOTICE TO USER: Carefully read the following legal agreement.

BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S

DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"),

YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE

TERMS AND CONDITIONS OF THIS AGREEMENT.

IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE

THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2023 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining

a copy of the Unicode data files and any associated documentation

(the "Data Files") or Unicode software and any associated documentation

(the "Software") to deal in the Data Files or Software

without restriction, including without limitation the rights to use,

copy, modify, merge, publish, distribute, and/or sell copies of

the Data Files or Software, and to permit persons to whom the Data Files

or Software are furnished to do so, provided that either

(a) this copyright and permission notice appear with all copies

of the Data Files or Software, or

(b) this copyright and permission notice appear in associated

Documentation.

Copyright © 1988, 2025, Oracle and/or its affiliates.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.
Except as contained in this notice, the name of a copyright holder
shall not be used in advertising or otherwise to promote the sale,
use or other dealings in these Data Files or Software without prior
written authorization of the copyright holder.

Third-Party Software Licenses
This section contains third-party software notices and/or additional
terms for licensed third-party software components included within ICU
libraries.

ICU License - ICU 1.8.1 to ICU 57.1
COPYRIGHT AND PERMISSION NOTICE
Copyright (c) 1995-2016 International Business Machines Corporation and others
All rights reserved.
Permission is hereby granted, free of charge, to any person obtaining
a copy of this software and associated documentation files (the
"Software"), to deal in the Software without restriction, including
without limitation the rights to use, copy, modify, merge, publish,
distribute, and/or sell copies of the Software, and to permit persons

to whom the Software is furnished to do so, provided that the above
copyright notice(s) and this permission notice appear in all copies of
the Software and that both the above copyright notice(s) and this
permission notice appear in supporting documentation.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT
OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR
HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY
SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER
RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF
CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN
CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
Except as contained in this notice, the name of a copyright holder
shall not be used in advertising or otherwise to promote the sale, use
or other dealings in this Software without prior written authorization
of the copyright holder.
All trademarks and registered trademarks mentioned herein are the
property of their respective owners.

Chinese/Japanese Word Break Dictionary Data (cjdict.txt)

The Google Chrome software developed by Google is licensed under
the BSD license. Other software included in this distribution is
provided under other licenses, as set forth below.
#
The BSD License
http://opensource.org/licenses/bsd-license.php
Copyright (C) 2006-2008, Google Inc.
#

 Copyright © 1988, 2025, Oracle and/or its affiliates.

All rights reserved.

#

BSD 3-Clause License (With Google Inc Reference)

#

#

The word list in cjdict.txt are generated by combining three word lists

listed below with further processing for compound word breaking. The

frequency is generated with an iterative training against Google web

corpora.

#

* Libtabe (Chinese)

- https://sourceforge.net/project/?group_id=1519

- Its license terms and conditions are shown below.

#

* IPADIC (Japanese)

- http://chasen.aist-nara.ac.jp/chasen/distribution.html

- Its license terms and conditions are shown below.

#

---------COPYING.libtabe ---- BEGIN--------------------

#

/*

* Copyright (c) 1999 TaBE Project.

* Copyright (c) 1999 Pai-Hsiang Hsiao.

* All rights reserved.

*

* Redistribution and use in source and binary forms, with or without

* modification, are permitted provided that the following conditions

* are met:

*

* . Redistributions of source code must retain the above copyright

* notice, this list of conditions and the following disclaimer.

* . Redistributions in binary form must reproduce the above copyright

* notice, this list of conditions and the following disclaimer in

* the documentation and/or other materials provided with the

* distribution.

* . Neither the name of the TaBE Project nor the names of its

* contributors may be used to endorse or promote products derived

* from this software without specific prior written permission.

*

* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

* "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS

* FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE

* REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,

* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

* (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

* SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,

* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED

* OF THE POSSIBILITY OF SUCH DAMAGE.

*/

#

/*

* Copyright (c) 1999 Computer Systems and Communication Lab,

* Institute of Information Science, Academia

* Sinica. All rights reserved.

*

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* . Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
* . Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
* . Neither the name of the Computer Systems and Communication Lab
* nor the names of its contributors may be used to endorse or
* promote products derived from this software without specific
* prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
* "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
* FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
* REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
* (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
* SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
*/
#

Copyright © 1988, 2025, Oracle and/or its affiliates.

```
# Copyright 1996 Chih-Hao Tsai @ Beckman Institute,
# University of Illinois
# c-tsai4@uiuc.edu http://casper.beckman.uiuc.edu/~c-tsai4
#
# ---------------COPYING.libtabe-----END--------------------------------
#
#
# ---------------COPYING.ipadic-----BEGIN-------------------------------
#
# Copyright 2000, 2001, 2002, 2003 Nara Institute of Science
# and Technology. All Rights Reserved.
#
# Use, reproduction, and distribution of this software is permitted.
# Any copy of this software, whether in its original form or modified,
# must include both the above copyright notice and the following
# paragraphs.
#
# Nara Institute of Science and Technology (NAIST),
# the copyright holders, disclaims all warranties with regard to this
# software, including all implied warranties of merchantability and
# fitness, in no event shall NAIST be liable for
# any special, indirect or consequential damages or any damages
# whatsoever resulting from loss of use, data or profits, whether in an
# action of contract, negligence or other tortuous action, arising out
# of or in connection with the use or performance of this software.
#
# A large portion of the dictionary entries
# originate from ICOT Free Software. The following conditions for ICOT
# Free Software applies to the current dictionary as well.
```

 Copyright © 1988, 2025, Oracle and/or its affiliates.

#

Each User may also freely distribute the Program, whether in its

original form or modified, to any third party or parties, PROVIDED

that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear

on, or be attached to, the Program, which is distributed substantially

in the same form as set out herein and that such intended

distribution, if actually made, will neither violate or otherwise

contravene any of the laws and regulations of the countries having

jurisdiction over the User or the intended distribution itself.

#

NO WARRANTY

#

The program was produced on an experimental basis in the course of the

research and development conducted during the project and is provided

to users as so produced on an experimental basis. Accordingly, the

program is provided without any warranty whatsoever, whether express,

implied, statutory or otherwise. The term "warranty" used herein

includes, but is not limited to, any warranty of the quality,

performance, merchantability and fitness for a particular purpose of

the program and the nonexistence of any infringement or violation of

any right of any third party.

#

Each user of the program will agree and understand, and be deemed to

have agreed and understood, that there is no warranty whatsoever for

the program and, accordingly, the entire risk arising from or

otherwise connected with the program is assumed by the user.

#

Therefore, neither ICOT, the copyright holder, or any other

organization that participated in or was otherwise related to the

Copyright © 1988, 2025, Oracle and/or its affiliates.

development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term
"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the
production of secondary products from the program.
#
In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.
#
----------COPYING.ipadic-----END----------

Lao Word Break Dictionary Data (laodict.txt)

Copyright (C) 2016 and later: Unicode, Inc. and others.
License & terms of use: http://www.unicode.org/copyright.html
Copyright (c) 2015 International Business Machines Corporation
and others. All Rights Reserved.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

```
#
# Project: https://github.com/rober42539/lao-dictionary
# Dictionary: https://github.com/rober42539/lao-dictionary/laodict.txt
# License: https://github.com/rober42539/lao-dictionary/LICENSE.txt
# (copied below)
#
# This file is derived from the above dictionary version of Nov 22, 2020
# ----------------------------------------------------------------------
# Copyright (C) 2013 Brian Eugene Wilson, Robert Martin Campbell.
# All rights reserved.
#
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions are met:
#
# Redistributions of source code must retain the above copyright notice, this
# list of conditions and the following disclaimer. Redistributions in binary
# form must reproduce the above copyright notice, this list of conditions and
# the following disclaimer in the documentation and/or other materials
# provided with the distribution.
#
# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
# "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
# LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
# FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
# INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
# SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
# HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
```

Copyright © 1988, 2025, Oracle and/or its affiliates.

STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED

OF THE POSSIBILITY OF SUCH DAMAGE.

Burmese Word Break Dictionary Data (burmesedict.txt)

Copyright (c) 2014 International Business Machines Corporation

and others. All Rights Reserved.

#

This list is part of a project hosted at:

github.com/kanyawtech/myanmar-karen-word-lists

#

Copyright (c) 2013, LeRoy Benjamin Sharon

All rights reserved.

#

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions

are met: Redistributions of source code must retain the above

copyright notice, this list of conditions and the following

disclaimer. Redistributions in binary form must reproduce the

above copyright notice, this list of conditions and the following

disclaimer in the documentation and/or other materials provided

with the distribution.

#

Neither the name Myanmar Karen Word Lists, nor the names of its

contributors may be used to endorse or promote products derived

from this software without specific prior written permission.

#

 Copyright © 1988, 2025, Oracle and/or its affiliates.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND

CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,

INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS

BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED

TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR

TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF

THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

SUCH DAMAGE.

Time Zone Database

ICU uses the public domain data and code derived from Time Zone

Database for its time zone support. The ownership of the TZ database

is explained in BCP 175: Procedure for Maintaining the Time Zone

Database section 7.

7. Database Ownership

#

The TZ database itself is not an IETF Contribution or an IETF

document. Rather it is a pre-existing and regularly updated work

that is in the public domain, and is intended to remain in the

public domain. Therefore, BCPs 78 [RFC5378] and 79 [RFC3979] do

not apply to the TZ Database or contributions that individuals make

to it. Should any claims be made and substantiated against the TZ

Database, the organization that is providing the IANA

Considerations defined in this RFC, under the memorandum of
understanding with the IETF, currently ICANN, may act in accordance
with all competent court orders. No ownership claims will be made
by ICANN or the IETF Trust on the database or the code. Any person
making a contribution to the database or code waives all rights to
future claims in that contribution or in the TZ Database.

Google double-conversion

Copyright 2006-2011, the V8 project authors. All rights reserved.
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

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

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

Copyright © 1988, 2025, Oracle and/or its affiliates.

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

File: aclocal.m4 (only for ICU4C)

Section: pkg.m4 - Macros to locate and utilise pkg-config.

Copyright © 2004 Scott James Remnant .

Copyright © 2012-2015 Dan Nicholson

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

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

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

As a special exception to the GNU General Public License, if you
distribute this file as part of a program that contains a
configuration script generated by Autoconf, you may include it under
the same distribution terms that you use for the rest of that
program.

(The condition for the exception is fulfilled because
ICU4C includes a configuration script generated by Autoconf,
namely the `configure` script.)

File: config.guess (only for ICU4C)

This file is free software; you can redistribute it and/or modify it
under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 3 of the License, or
(at your option) any later version.
This program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, see .
As a special exception to the GNU General Public License, if you
distribute this file as part of a program that contains a
configuration script generated by Autoconf, you may include it under
the same distribution terms that you use for the rest of that
program. This Exception is an additional permission under section 7
of the GNU General Public License, version 3 ("GPLv3").
(The condition for the exception is fulfilled because
ICU4C includes a configuration script generated by Autoconf,
namely the `configure` script.)

File: install-sh (only for ICU4C)

Copyright 1991 by the Massachusetts Institute of Technology
Permission to use, copy, modify, distribute, and sell this software and its
documentation for any purpose is hereby granted without fee, provided that
the above copyright notice appear in all copies and that both that
copyright notice and this permission notice appear in supporting
documentation, and that the name of M.I.T. not be used in advertising or
publicity pertaining to distribution of the software without specific,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

written prior permission. M.I.T. makes no representations about the
suitability of this software for any purpose. It is provided "as is"
without express or implied warranty.
"""
- libuv, located at deps/uv, is licensed as follows:
"""
Copyright (c) 2015-present libuv project contributors.
MIT License
This license applies to parts of libuv originating from the
https://github.com/joyent/libuv repository:
====
Copyright Joyent, Inc. and other Node contributors. All rights reserved.
MIT License
====
This license applies to all parts of libuv that are not externally
maintained libraries.
The externally maintained libraries used by libuv are:
- tree.h (from FreeBSD), copyright Niels Provos. Two clause BSD license.
- inet_pton and inet_ntop implementations, contained in src/inet.c, are
copyright the Internet Systems Consortium, Inc., and licensed under the ISC
license.
"""
- llhttp, located at deps/llhttp, is licensed as follows:
"""
This software is licensed under the MIT License.
Copyright Fedor Indutny, 2018.
MIT License
"""
- corepack, located at deps/corepack, is licensed as follows:

"""

Copyright © Corepack contributors

MIT License

"""

- undici, located at deps/undici, is licensed as follows:

"""

MIT License

Copyright (c) Matteo Collina and Undici contributors

MIT License

"""

- postject, located at test/fixtures/postject-copy, is licensed as follows:

"""

Postject is licensed for use as follows:

"""

MIT License

Copyright (c) 2022 Postman, Inc

MIT License

"""

The Postject license applies to all parts of Postject that are not externally

maintained libraries.

The externally maintained libraries used by Postject are:

- LIEF, located at vendor/LIEF, is licensed as follows:

"""

Apache License, Version 2.0

Copyright 2017 - 2022 R. Thomas

Copyright 2017 - 2022 Quarkslab

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

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

You may obtain a copy of the License at

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

"""

"""

- OpenSSL, located at deps/openssl, is licensed as follows:

"""

Apache License, Version 2.0

"""

- Punycode.js, located at lib/punycode.js, is licensed as follows:

"""

Copyright Mathias Bynens <https://mathiasbynens.be/>

MIT License

"""

- V8, located at deps/v8, is licensed as follows:

"""

This license applies to all parts of V8 that are not externally

maintained libraries. The externally maintained libraries used by V8

are:

- PCRE test suite, located in

test/mjsunit/third_party/regexp-pcre/regexp-pcre.js. This is based on the

test suite from PCRE-7.3, which is copyrighted by the University

of Cambridge and Google, Inc. The copyright notice and license

are embedded in regexp-pcre.js.

- Layout tests, located in test/mjsunit/third_party/object-keys. These are

based on layout tests from webkit.org which are copyrighted by

Copyright © 1988, 2025, Oracle and/or its affiliates.

Apple Computer, Inc. and released under a 3-clause BSD license.

- Strongtalk assembler, the basis of the files assembler-arm-inl.h,
assembler-arm.cc, assembler-arm.h, assembler-ia32-inl.h,
assembler-ia32.cc, assembler-ia32.h, assembler-x64-inl.h,
assembler-x64.cc, assembler-x64.h, assembler.cc and assembler.h.
This code is copyrighted by Sun Microsystems Inc. and released
under a 3-clause BSD license.

- Valgrind client API header, located at src/third_party/valgrind/valgrind.h
This is released under the BSD license.

- The Wasm C/C++ API headers, located at third_party/wasm-api/wasm.{h,hh}
This is released under the Apache license. The API's upstream prototype
implementation also formed the basis of V8's implementation in
src/wasm/c-api.cc.

These libraries have their own licenses; we recommend you read them,
as their terms may differ from the terms below.

Further license information can be found in LICENSE files located in
sub-directories.

Copyright 2014, the V8 project authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

"""

- SipHash, located at deps/v8/src/third_party/siphash, is licensed as follows:

"""

SipHash reference C implementation

Copyright (c) 2016 Jean-Philippe Aumasson <jeanphilippe.aumasson@gmail.com>

To the extent possible under law, the author(s) have dedicated all
copyright and related and neighboring rights to this software to the public
domain worldwide. This software is distributed without any warranty.

"""

- zlib, located at deps/zlib, is licensed as follows:

Copyright © 1988, 2025, Oracle and/or its affiliates.

"""

zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.13.1, October xxth, 2022

Copyright (C) 1995-2022 Jean-loup Gailly and Mark Adler

Zlib Data Compression Library License

"""

- simdutf, located at deps/simdutf, is licensed as follows:

"""

Copyright 2021 The simdutf authors

MIT License

"""

- ada, located at deps/ada, is licensed as follows:

"""

Copyright 2023 Yagiz Nizipli and Daniel Lemire

MIT License

"""

- minimatch, located at deps/minimatch, is licensed as follows:

"""

The ISC License

Copyright (c) 2011-2023 Isaac Z. Schlueter and Contributors

ISC License

"""

- npm, located at deps/npm, is licensed as follows:

"""

The npm application

Copyright (c) npm, Inc. and Contributors

Licensed on the terms of The Artistic License 2.0

Node package dependencies of the npm application

Copyright (c) their respective copyright owners

Licensed on their respective license terms

The npm public registry at https://registry.npmjs.org

and the npm website at https://www.npmjs.com

Operated by npm, Inc.

Use governed by terms published on https://www.npmjs.com

"Node.js"

Trademark Joyent, Inc., https://joyent.com

Neither npm nor npm, Inc. are affiliated with Joyent, Inc.

The Node.js application

Project of Node Foundation, https://nodejs.org

The npm Logo

Copyright (c) Mathias Pettersson and Brian Hammond

"Gubblebum Blocky" typeface

Copyright (c) Tjarda Koster, https://jelloween.deviantart.com

Used with permission

The Artistic License 2.0

Copyright (c) 2000-2006, The Perl Foundation.

Artistic License, Version 2.0

"""

- GYP, located at tools/gyp, is licensed as follows:

"""

Copyright (c) 2020 Node.js contributors. All rights reserved.

Copyright (c) 2009 Google Inc. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

"""

- inspector_protocol, located at tools/inspector_protocol, is licensed as follows:

"""

Copyright © 1988, 2025, Oracle and/or its affiliates.

// Copyright 2016 The Chromium Authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

"""

- jinja2, located at tools/inspector_protocol/jinja2, is licensed as follows:

"""

Copyright (c) 2009 by the Jinja Team, see AUTHORS for more details.

Some rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are

met:

* Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above

copyright notice, this list of conditions and the following

disclaimer in the documentation and/or other materials provided

with the distribution.

* The names of the contributors may not be used to endorse or

promote products derived from this software without specific

prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

Copyright © 1988, 2025, Oracle and/or its affiliates.

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"""

- markupsafe, located at tools/inspector_protocol/markupsafe, is licensed as follows:

"""

Copyright (c) 2010 by Armin Ronacher and contributors. See AUTHORS

for more details.

Some rights reserved.

Redistribution and use in source and binary forms of the software as well

as documentation, with or without modification, are permitted provided

that the following conditions are met:

* Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above

copyright notice, this list of conditions and the following

disclaimer in the documentation and/or other materials provided

with the distribution.

* The names of the contributors may not be used to endorse or

promote products derived from this software without specific

prior written permission.

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED BY THE COPYRIGHT HOLDERS AND

CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT

NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER

OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,

PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR

PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF

LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING

NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

Copyright © 1988, 2025, Oracle and/or its affiliates.

SOFTWARE AND DOCUMENTATION, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"""

- cpplint.py, located at tools/cpplint.py, is licensed as follows:

"""

Copyright (c) 2009 Google Inc. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

"""

- ESLint, located at tools/node_modules/eslint, is licensed as follows:

"""

Copyright OpenJS Foundation and other contributors, <www.openjsf.org>

MIT License

"""

- gtest, located at deps/googletest, is licensed as follows:

"""

Copyright 2008, Google Inc.

All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

"""

- nghttp2, located at deps/nghttp2, is licensed as follows:

"""

The MIT License

Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa

Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors

MIT License

"""

- large_pages, located at src/large_pages, is licensed as follows:

"""

Copyright (C) 2018 Intel Corporation

MIT License

"""

- caja, located at lib/internal/freeze_intrinsics.js, is licensed as follows:

"""

Adapted from SES/Caja - Copyright (C) 2011 Google Inc.

Copyright (C) 2018 Agoric

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

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

"""

- brotli, located at deps/brotli, is licensed as follows:

"""

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

MIT License

"""

- HdrHistogram, located at deps/histogram, is licensed as follows:

"""

HdrHistogram License

"""

- highlight.js, located at doc/api_assets/highlight.pack.js, is licensed as follows:

"""

BSD 3-Clause License

Copyright (c) 2006, Ivan Sagalaev.

Copyright © 1988, 2025, Oracle and/or its affiliates.

All rights reserved.

BSD 3-Clause License

"""

- node-heapdump, located at src/heap_utils.cc, is licensed as follows:

"""

ISC License

Copyright (c) 2012, Ben Noordhuis <info@bnoordhuis.nl>

ISC License

ISC License

Copyright (c) 2014, StrongLoop Inc.

ISC License

"""

- rimraf, located at lib/internal/fs/rimraf.js, is licensed as follows:

"""

The ISC License

Copyright (c) Isaac Z. Schlueter and Contributors

ISC License

"""

- uvwasi, located at deps/uvwasi, is licensed as follows:

"""

MIT License

Copyright (c) 2019 Colin Ihrig and Contributors

MIT License

"""

- ngtcp2, located at deps/ngtcp2/ngtcp2/, is licensed as follows:

"""

The MIT License

Copyright (c) 2016 ngtcp2 contributors

MIT License

"""

- nghttp3, located at deps/ngtcp2/nghttp3/, is licensed as follows:

"""

The MIT License

Copyright (c) 2019 nghttp3 contributors

MIT License

"""

- node-fs-extra, located at lib/internal/fs/cp, is licensed as follows:

"""

(The MIT License)

Copyright (c) 2011-2017 JP Richardson

MIT License

"""

- base64, located at deps/base64/base64/, is licensed as follows:

"""

Copyright (c) 2005-2007, Nick Galbreath

Copyright (c) 2013-2019, Alfred Klomp

Copyright (c) 2015-2017, Wojciech Mula

Copyright (c) 2016-2017, Matthieu Darbois

All rights reserved.

BSD 2-Clause License

"""

OpenJpeg Licenses

/*

* The copyright in this software is being made available under the 2-clauses

* BSD License, included below. This software may be subject to other third

* party and contributor rights, including patent rights, and no such rights

* are granted under this license.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

*

* Copyright (c) 2002-2014, Universite catholique de Louvain (UCL), Belgium

* Copyright (c) 2002-2014, Professor Benoit Macq

* Copyright (c) 2003-2014, Antonin Descampe

* Copyright (c) 2003-2009, Francois-Olivier Devaux

* Copyright (c) 2005, Herve Drolon, FreeImage Team

* Copyright (c) 2002-2003, Yannick Verschueren

* Copyright (c) 2001-2003, David Janssens

* Copyright (c) 2011-2012, Centre National d'Etudes Spatiales (CNES), France

* Copyright (c) 2012, CS Systemes d'Information, France

*

* All rights reserved.

*

BSD 2-Clause License

*/

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

=== Enter all copyright notices for the TOP-LEVEL component. This should

=== include anything relevant to copyrights, licensing, or terms and

=== conditions. Look in the README file, as well as in files that may have

=== names like COPYING, LEGAL, NOTICE, PATENTS, or other .txt files. The

=== information may even be contained in the headers of the files themselves.

=== ==========

* Copyright (c) 2002-2014, Universite catholique de Louvain (UCL), Belgium

* Copyright (c) 2002-2014, Professor Benoit Macq

* Copyright (c) 2003-2014, Antonin Descampe

* Copyright (c) 2003-2009, Francois-Olivier Devaux

* Copyright (c) 2005, Herve Drolon, FreeImage Team

* Copyright (c) 2002-2003, Yannick Verschueren

* Copyright (c) 2001-2003, David Janssens

* Copyright (c) 2011-2012, Centre National d'Etudes Spatiales (CNES), France

* Copyright (c) 2012, CS Systemes d'Information, France

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

== NAME OF DEPENDENCY 1

.astyle

== License

.### MIT License

Copyright (c) 2017 by Jim Pattee jimp03@email.com.

MIT License

== Copyright Notices

Copyright (c) 2017 by Jim Pattee jimp03@email.com.

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

== NAME OF DEPENDENCY 2

libz

== License

/* zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.8, April 28th, 2013

Copyright (C) 1995-2013 Jean-loup Gailly and Mark Adler

Zlib Data Compression Library License

The data format used by the zlib library is described by RFCs (Request for

Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950

(zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

== Copyright Notices

.Copyright (C) 1995-2013 Jean-loup Gailly and Mark Adler

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

== NAME OF DEPENDENCY 3

.Little CMS

== License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Little CMS

Copyright (c) 1998-2011 Marti Maria Saguer

MIT License

== Copyright Notices

.Copyright (c) 1998-2011 Marti Maria Saguer

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

== NAME OF DEPENDENCY 4

.libpng

== License and copyright

This copy of the libpng notices is provided for your convenience. In case of
any discrepancy between this copy and the notices in the file png.h that is
included in the libpng distribution, the latter shall prevail.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE:

If you modify libpng you may insert additional notices immediately following
this sentence.

This code is released under the libpng license.

libpng versions 1.0.7, July 1, 2000 through 1.6.25, September 1, 2016 are
Copyright (c) 2000-2002, 2004, 2006-2016 Glenn Randers-Pehrson, are
derived from libpng-1.0.6, and are distributed according to the same
disclaimer and license as libpng-1.0.6 with the following individuals
added to the list of Contributing Authors:

Simon-Pierre Cadieux

Eric S. Raymond

Mans Rullgard

Cosmin Truta

Gilles Vollant

James Yu

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the

library or against infringement. There is no warranty that our
efforts or the library will fulfill any of your particular purposes
or needs. This library is provided with all faults, and the entire
risk of satisfactory quality, performance, accuracy, and effort is with
the user.

Some files in the "contrib" directory and some configure-generated
files that are distributed with libpng have other copyright owners and
are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are
Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from
libpng-0.96, and are distributed according to the same disclaimer and
license as libpng-0.96, with the following individuals added to the list
of Contributing Authors:

Tom Lane

Glenn Randers-Pehrson

Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are
Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88,
and are distributed according to the same disclaimer and license as
libpng-0.88, with the following individuals added to the list of
Contributing Authors:

John Bowler

Kevin Bracey

Sam Bushell

Magnus Holmgren

Greg Roelofs

Tom Tanner

Some files in the "scripts" directory have other copyright owners
but are released under this license.

Copyright © 1988, 2025, Oracle and/or its affiliates.

libpng versions 0.5, May 1995, through 0.88, January 1996, are

Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors"
is defined as the following set of individuals:

Andreas Dilger

Dave Martindale

Guy Eric Schalnat

Paul Schmidt

Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors
and Group 42, Inc. disclaim all warranties, expressed or implied,
including, without limitation, the warranties of merchantability and of
fitness for any purpose. The Contributing Authors and Group 42, Inc.
assume no liability for direct, indirect, incidental, special, exemplary,
or consequential damages, which may result from the use of the PNG
Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this
source code, or portions hereof, for any purpose, without fee, subject
to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not
be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any
source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without
fee, and encourage the use of this source code as a component to
supporting the PNG file format in commercial products. If you use this
source code in a product, acknowledgment is not required but would be
appreciated.

END OF COPYRIGHT NOTICE, DISCLAIMER, and LICENSE.

TRADEMARK:

The name "libpng" has not been registered by the Copyright owner
as a trademark in any jurisdiction. However, because libpng has
been distributed and maintained world-wide, continually since 1995,
the Copyright owner claims "common-law trademark protection" in any
jurisdiction where common-law trademark is recognized.

OSI CERTIFICATION:

Libpng is OSI Certified Open Source Software. OSI Certified Open Source is
a certification mark of the Open Source Initiative. OSI has not addressed
the additional disclaimers inserted at version 1.0.7.

EXPORT CONTROL:

The Copyright owner believes that the Export Control Classification
Number (ECCN) for libpng is EAR99, which means not subject to export
controls or International Traffic in Arms Regulations (ITAR) because
it is open source, publicly available software, that does not contain
any encryption software. See the EAR, paragraphs 734.3(b)(3) and
734.7(b).

Glenn Randers-Pehrson

glennrp at users.sourceforge.net

September 1, 2016

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

== NAME OF DEPENDENCY 5

.libtiff

== License

/*

* Copyright (c) 2009 Frank Warmerdam

*

* MIT License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

*/

== Copyright Notices

.Copyright (c) 2009 Frank Warmerdam

OpenSSL License

LICENSE ISSUES

==========

The OpenSSL toolkit stays under a double license, i.e. both the conditions of

the OpenSSL License and the original SSLeay license apply to the toolkit.

See below for the actual license texts.

OpenSSL License

/* ==

* Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.

*

* Redistribution and use in source and binary forms, with or without

* modification, are permitted provided that the following conditions

* are met:

*

* 1. Redistributions of source code must retain the above copyright

* notice, this list of conditions and the following disclaimer.

*

* 2. Redistributions in binary form must reproduce the above copyright

* notice, this list of conditions and the following disclaimer in

* the documentation and/or other materials provided with the

* distribution.

*

* 3. All advertising materials mentioning features or use of this

* software must display the following acknowledgment:

* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
*
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
* endorse or promote products derived from this software without
* prior written permission. For written permission, please contact
* openssl-core@openssl.org.
*
* 5. Products derived from this software may not be called "OpenSSL"
* nor may "OpenSSL" appear in their names without prior written
* permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
* acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit (http://www.openssl.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* ==

*

* This product includes cryptographic software written by Eric Young

* (eay@cryptsoft.com). This product includes software written by Tim

* Hudson (tjh@cryptsoft.com).

*

*/

Original SSLeay License

/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)

* All rights reserved.

*

* This package is an SSL implementation written

* by Eric Young (eay@cryptsoft.com).

* The implementation was written so as to conform with Netscapes SSL.

*

* This library is free for commercial and non-commercial use as long as

* the following conditions are aheared to. The following conditions

* apply to all code found in this distribution, be it the RC4, RSA,

* lhash, DES, etc., code; not just the SSL code. The SSL documentation

* included with this distribution is covered by the same copyright terms

* except that the holder is Tim Hudson (tjh@cryptsoft.com).

*

* Copyright remains Eric Young's, and as such any Copyright notices in

* the code are not to be removed.

* If this package is used in a product, Eric Young should be given attribution

* as the author of the parts of the library used.

* This can be in the form of a textual message at program startup or

* in documentation (online or textual) provided with the package.

*

* Redistribution and use in source and binary forms, with or without

* modification, are permitted provided that the following conditions

* are met:

* 1. Redistributions of source code must retain the copyright

* notice, this list of conditions and the following disclaimer.

* 2. Redistributions in binary form must reproduce the above copyright

* notice, this list of conditions and the following disclaimer in the

* documentation and/or other materials provided with the distribution.

* 3. All advertising materials mentioning features or use of this software

* must display the following acknowledgement:

* "This product includes cryptographic software written by

* Eric Young (eay@cryptsoft.com)"

* The word 'cryptographic' can be left out if the rouines from the library

* being used are not cryptographic related :-).

* 4. If you include any Windows specific code (or a derivative thereof) from

* the apps directory (application code) you must include an acknowledgement:

* "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

*

* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS" AND

* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE

* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS

* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

* SUCH DAMAGE.

*

* The licence and distribution terms for any publically available version or

* derivative of this code cannot be changed. i.e. this code cannot simply be

* copied and put under another distribution licence

* [including the GNU Public Licence.]

*/

Open XML SDK License

SPDX identifier

MIT

License text

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

MIT License

Notices and Information

This software incorporates material from third parties.

Newtonsoft.Json

Source: https://github.com/JamesNK/Newtonsoft.Json

The MIT License (MIT)

Copyright (c) 2007 James Newton-King

MIT License

StyleCopAnalyzers

Source: https://github.com/DotNetAnalyzers/StyleCopAnalyzers

MIT License

Copyright (c) Tunnel Vision Laboratories, LLC

MIT License

Oracle JET License

Oracle JET 17.0.1

You may not use the identified files except in compliance with the Universal Permissive License (UPL), Version 1.0 (the "License.")

You may obtain a copy of the License at https://opensource.org/licenses/UPL. A copy of the license is also reproduced below.

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

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

Copyright (c) 2014, 2024 Oracle and/or its affiliates

The Universal Permissive License (UPL), Version 1.0

Subject to the condition set forth below, permission is hereby granted to any person obtaining

a copy of this software, associated documentation and/or data (collectively the "Software"),

free of charge and under any and all copyright rights in the Software, and any and all patent

rights owned or freely licensable by each licensor hereunder covering either (i) the unmodified

Software as contributed to or provided by such licensor, or (ii) the Larger Works (as defined below),

to deal in both

(a) the Software, and (b) any piece of software and/or hardware listed in the lrgrwrks.txt file if

one is included with the Software (each a Larger Work to which the Software is contributed by such licensors),

without restriction, including without limitation the rights to copy, create derivative works of,

display, perform, and distribute the Software and make, use, sell, offer for sale, import, export,

have made, and have sold the Software and the Larger Work(s), and to sublicense the foregoing rights

on either these or other terms.

This license is subject to the following condition:

The above copyright notice and either this complete permission notice or at a minimum a reference

to the UPL must be included in all copies or substantial portions of the Software.

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

LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.

Copyright © 1988, 2025, Oracle and/or its affiliates.

IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,

WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH

THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

DO NOT TRANSLATE OR LOCALIZE.

****

Oracle elects to use only the GNU Lesser General Public License version 2.1

(LGPL) for any software where a choice of LGPL/GPL license versions are made

available with the language indicating that LGPLv2.1/GPLv2 or any later version

may be used, or where a choice of which version of the LGPL/GPL is applied is

unspecified.

****

THIRD-PARTY COMPONENT FILE LICENSE

(path in the installation) (see license text reproduced below)

---

js/libs/chai/chai.js MIT

js/libs/hammer/hammer.js MIT

js/libs/js-signals/signals.js MIT

js/libs/jquery/jquery.js MIT

js/libs/jquery/jquery-ui-.custom.js MIT

js/libs/jquery/jqueryui-amd/core.js MIT

js/libs/jquery/jqueryui-amd/draggable.js MIT

js/libs/jquery/jqueryui-amd/mouse.js MIT

js/libs/jquery/jqueryui-amd/position.js MIT

js/libs/jquery/jqueryui-amd/sortable.js MIT

js/libs/jquery/jqueryui-amd/widget.js MIT

js/libs/jquery/jqueryui-amd/disable-selection.js MIT

js/libs/jquery/jqueryui-amd/jquery-var-for-color.js MIT

js/libs/jquery/jqueryui-amd/core.js MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

js/libs/jquery/jqueryui-amd/ie.js MIT

js/libs/jquery/jqueryui-amd/keycode.js MIT

js/libs/jquery/jqueryui-amd/jquery-patch.js MIT

js/libs/jquery/jqueryui-amd/labels.js MIT

js/libs/jquery/jqueryui-amd/form-reset-mixin.js MIT

js/libs/jquery/jqueryui-amd/unique-id.js MIT

js/libs/jquery/jqueryui-amd/scroll-parent.js MIT

js/libs/jquery/jqueryui-amd/tabbable.js MIT

js/libs/jquery/jqueryui-amd/widget.js MIT

js/libs/jquery/jqueryui-amd/version.js MIT

js/libs/jquery/jqueryui-amd/focusable.js MIT

js/libs/jquery/jqueryui-amd/data.js MIT

js/libs/jquery/jqueryui-amd/effect.js MIT

js/libs/jquery/jqueryui-amd/safe-blur.js MIT

js/libs/jquery/jqueryui-amd/form.js MIT

js/libs/jquery/jqueryui-amd/safe-active-element.js MIT

js/libs/jquery/jqueryui-amd/plugin.js MIT

js/libs/jquery/jqueryui-amd/widgets/sortable.js MIT

js/libs/jquery/jqueryui-amd/widgets/draggable.js MIT

js/libs/jquery/jqueryui-amd/widgets/mouse.js MIT

js/libs/jquery/jqueryui-amd/vendor/jquery-color/jquery.color.js MIT

js/libs/jquery/jqueryui-amd/position.js MIT

js/libs/knockout/knockout.js MIT

js/libs/oj/v17.0.1/min/ojcspexpressionevaluator.js (cspexpressionevaluator.js) MIT

js/libs/oj/v17.0.1/min/ojexpparser.js (expparser.js) MIT

js/libs/oj/v17.0.1/min/ojknockout.js (knockout-fast-foreach.js) MIT

js/libs/oj/v17.0.1/min/ojmessagebanner.js (Ramda) MIT

js/libs/oj/v17.0.1/min/ojselectcombobox.js (Select2.js) Apache 2.0

js/libs/oj/v17.0.1/min/ojtree.js (jsTree.js) MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

js/libs/oj/v17.0.1/ojL10n.js (requireJS i18n) MIT

js/libs/proj4js/dist/proj4.js MIT

js/libs/require/require.js MIT

js/libs/require/text.js MIT

js/libs/require-css/css.min.js (require-css) MIT

scss/oj/v17.0.1/3rdparty/normalize/normalize.scss MIT

js/libs/touchr/touchr.js MIT

js/libs/preact/dist/preact.umd.js MIT

Chai

https://github.com/chaijs/chai

Copyright (c) 2017 Chai.js Assertion Library

MIT License

expression-eval

https://github.com/donmccurdy/expression-eval

Copyright (c) 2017 Don McCurdy

MIT License

jsep

https://github.com/soney/jsep

Copyright (c) 2013 Stephen Oney, https://ericsmekens.github.io/jsep/

MIT License

Knockout Fast Foreach v0.6.0 (2016-07-28T11:02:54.197Z)

By: Brian M Hunt (C) 2015 | License: MIT

MIT License

proj4js

http://proj4js.org/

Copyright (C) 2014 Mike Adair, Richard Greenwood, Didier Richard, Stephen Irons, Olivier Terral and Calvin Metcalf;

Licensed under the MIT license

require-css

https://github.com/guybedford/require-css

Copyright (C) 2013 Guy Bedford

MIT License

Hammer.JS

http://hammerjs.github.io/

Copyright (C) 2011-2017 by Jorik Tangelder (Eight Media)

MIT License

Foundation Responsive Library

http://foundation.zurb.com

Copyright 2014, ZURB

MIT License

Normalize.scss

Copyright Â© Nicolas Gallagher and Jonathan Neal

MIT License

RequireJS i18n

http://github.com/requirejs/i18n for details

Copyright (c) 2010-2011, The Dojo Foundation

MIT License

jsTree http://jstree.com/

Copyright (c) 2012 Ivan Bozhanov (http://vakata.com)

MIT License

select2.js

https://github.com/select2/select2

Copyright 2012 Igor Vaynberg

This software is licensed under the Apache License, Version 2.0 (the "Apache License") or the GNU

General Public License version 2 (the "GPL License"). You may choose either license to govern your use of this software only upon the condition that you accept all of the terms of either the Apache License or the GPL License.

You may obtain a copy of the Apache License and the GPL License at:

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

http://www.gnu.org/licenses/gpl-2.0.html

Copyright © 1988, 2025, Oracle and/or its affiliates.

Unless required by applicable law or agreed to in writing, software distributed under the

Apache License or the GPL Licesnse is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

CONDITIONS OF ANY KIND, either express or implied. See the Apache License and the GPL License for

the specific language governing permissions and limitations under the Apache License and the GPL License.

jQuery UI

http://jqueryui.com

Includes: core.js, widget.js, mouse.js, position.js, draggable.js, sortable.js

MIT License

jQuery JavaScript Library

http://jquery.com/

Copyright OpenJS Foundation and other contributors, https://openjsf.org/

MIT License

JS Signals <http://millermedeiros.github.com/js-signals/>

Author: Miller Medeiros

MIT License

RequireJS text

http://github.com/requirejs/text

Copyright jQuery Foundation and other contributors, https://jquery.org/

MIT License

RequireJS

http://github.com/jrburke/requirejs

Copyright jQuery Foundation and other contributors, https://jquery.org/

MIT License

Knockout JavaScript library

Copyright (c) 2010 Steven Sanderson, the Knockout.js team, and other contributors

http://knockoutjs.com/

MIT License

Preact

The MIT License (MIT)

Copyright (c) 2015-present Jason Miller

MIT License

Ramda

https://github.com/ramda/ramda

The MIT License (MIT)

Copyright (c) 2013-2020 Scott Sauyet and Michael Hurley

MIT License

========== Apache-2.0 ==========

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache

License, Version 2.0 (the "License.")

You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0.

A copy of the license is also reproduced below.

Unless required by applicable law or agreed to in writing, software distributed

under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations

under the License.

Apache License

Apache License, Version 2.0

========== Proj4js ==========

Mike Adair madairATdmsolutions.ca

Richard Greenwood richATgreenwoodmap.com

Didier Richard didier.richardATign.fr

Stephen Irons stephen.ironsATclear.net.nz

Olivier Terral oterralATgmail.com

Calvin Metcalf cmetcalfATappgeo.com

Copyright (c) 2014, Mike Adair, Richard Greenwood, Didier Richard, Stephen Irons, Olivier Terral and Calvin Metcalf

Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

Oracle OpenSearch Dashboards Licenses

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

SPDX:Apache-2.0

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

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

Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

Copyright (C) 1995-2022 Jean-loup Gailly and Mark Adler

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

Copyright (C) 2004 Sam Hocevar \<sam@hocevar.net>

Copyright (C) 2006-2008, Google Inc.

Copyright (C) 2011 Google Inc.

Copyright (C) 2011 by Beau Gunderson

Copyright (C) 2011-2015 by Vitaly Puzrin

Copyright (C) 2011-2019 by Yehuda Katz

Copyright (C) 2012 by Vitaly Puzrin

Copyright (C) 2012-2014 by various contributors (see AUTHORS)

Copyright (C) 2012-2020 by various contributors (see AUTHORS)

Copyright (C) 2012-2022 by various contributors (see AUTHORS)

Copyright (C) 2013 Brian Eugene Wilson, Robert Martin Campbell.

Copyright (C) 2013 Jordan Harband

Copyright (C) 2014 Jordan Harband

Copyright (C) 2014-2017 by Vitaly Puzrin and Andrei Tuputcyn

Copyright (C) 2015 Jordan Harband

Copyright (C) 2016 and later: Unicode, Inc. and others.

Copyright (C) 2016-2019 by Roman Dvornov

Copyright (C) 2018 Agoric

Copyright (C) 2018 Intel Corporation

Copyright (C) 2018-2020 Guy Bedford

Copyright (c) 1995-2016 International Business Machines Corporation and others

Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.

Copyright (c) 1999 Computer Systems and Communication Lab,

Copyright (c) 1999 Pai-Hsiang Hsiao.

Copyright (c) 1999 TaBE Project.

Copyright (c) 2000-2006, The Perl Foundation.

Copyright (c) 2002 Cynthia Brewer, Mark Harrower,

Copyright (c) 2003-2005 Tom Wu

Copyright (c) 2005-2007, Nick Galbreath

Copyright (c) 2006, Ivan Sagalaev.

Copyright (c) 2007 - 2018, Daniel Stenberg with many contributors, see AUTHORS

Copyright (c) 2007-2014 IOLA and Ole Laursen

Copyright (c) 2007-2014 IOLA and Ole Laursen.

Copyright (c) 2007-2014, Alexandru Marasteanu <hello [at) alexei (dot] ro>

Copyright (c) 2007-present, Alexandru Marasteanu <hello@alexei.ro>

Copyright (c) 2008, Three Dub Media (http://threedubmedia.com)

Copyright (c) 2008-2011, Dominic Sayers

Copyright (c) 2009 Chris Wanstrath (Ruby)

Copyright (c) 2009 Google Inc. All rights reserved.

Copyright (c) 2009 by the Jinja Team, see AUTHORS for more details.

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright (c) 2010 "Cowboy" Ben Alman

Copyright (c) 2010 Xuan Luo.

Copyright (c) 2010 by Armin Ronacher and contributors. See AUTHORS

Copyright (c) 2010, Ajax.org B.V.

Copyright (c) 2010, Digital Bazaar, Inc.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2010-2014 Jan Lehnardt (JavaScript)

Copyright (c) 2010-2015 The mustache.js community

Copyright (c) 2010-2016 David Majda

Copyright (c) 2010-2016 Robert Kieffer and other contributors

Copyright (c) 2010-2018 Caolan McMahon

Copyright (c) 2010-2020 Robert Kieffer and other contributors

Copyright (c) 2011 Brandon Aaron (http://brandonaaron.net)

Copyright (c) 2011 Dominic Tarr

Copyright (c) 2011 Guillermo Rauch <guillermo@learnboost.com>

Copyright (c) 2011 Heather Arthur <fayearthur@gmail.com>

Copyright (c) 2011 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2011 Troy Goode <troygoode@gmail.com>

Copyright (c) 2011, Yahoo Inc.

Copyright (c) 2011-2013 Felix Geisendörfer, Andrew Kelley

Copyright (c) 2011-2014, Walmart

Copyright (c) 2011-2015 Twitter, Inc

Copyright (c) 2011-2016 Heather Arthur <fayearthur@gmail.com>

Copyright (c) 2011-2017 JP Richardson

Copyright (c) 2011-2018, Project contributors

Copyright (c) 2011-2019, Gregor Aisch

Copyright (c) 2011-2020, Sideway Inc, and project contributors

Copyright (c) 2011-2022 Isaac Z. Schlueter, Ben Noordhuis, and Contributors

Copyright (c) 2012 Adam Draper

Copyright (c) 2012 Heather Arthur

Copyright (c) 2012 James Halliday

Copyright (c) 2012 Lea Verou

Copyright (c) 2012 Raynos.

Copyright (c) 2012 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2012 Tim Caswell

Copyright (c) 2012, 2013, 2014 Gil Tene

Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa

Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors

Copyright (c) 2012, Andreas Lind Petersen

Copyright (c) 2012, Artur Adib <arturadib@gmail.com>

Copyright (c) 2012, Ben Noordhuis <info@bnoordhuis.nl>

Copyright (c) 2012, Matt Robenolt

Copyright (c) 2012-2014 Raynos.

Copyright (c) 2012-2014 Roman Shtylman <shtylman@gmail.com>

Copyright (c) 2012-2014, Walmart

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2015, Walmart.

Copyright (c) 2012-2018 Aseem Kishore, and [others].

Copyright (c) 2012-2018, Project contributors

Copyright (c) 2012-2019 Paul Miller (https://paulmillr.com), Elan Shanker

Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller (https://paulmillr.com)

Copyright (c) 2012-2019, Sideway Inc, and project contributors

Copyright (c) 2012-2020, Sideway Inc, and project contributors

Copyright (c) 2012-2021, Sideway Inc, and project contributors

Copyright (c) 2012-2022, Sideway Inc, and project contributors

Copyright (c) 2013 Brian J. Brennan

Copyright (c) 2013 Jake Luer <jake@alogicalparadox.com> (http://alogicalparadox.com)

Copyright (c) 2013 James Halliday

Copyright (c) 2013 James Halliday (mail@substack.net)

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

Copyright (c) 2013 Kael Zhang <i@kael.me>, contributors

Copyright (c) 2013 Manuel Stofer

Copyright (c) 2013 Ozgur Ozcitak

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2013 Raynos.

Copyright (c) 2013 Roman Shtylman <shtylman@gmail.com>

Copyright (c) 2013 TJ Holowaychuk

Copyright (c) 2013 Thiago de Arruda

Copyright (c) 2013, Jason Davies.

Copyright (c) 2013, LeRoy Benjamin Sharon

Copyright (c) 2013-2014 sha.js contributors

Copyright (c) 2013-2014, GlobeSherpa

Copyright (c) 2013-2014, Thomas Watson Steen and Elasticsearch B.V.

Copyright (c) 2013-2014, Walmart.

Copyright (c) 2013-2017, Forrest L Norvell

Copyright (c) 2013-2018 Petka Antonov

Copyright (c) 2013-2019 Ivan Nikulin (ifaaan@gmail.com, https://github.com/inikulin)

Copyright (c) 2013-2019, Alfred Klomp

Copyright (c) 2013-2019, Forrest L Norvell

Copyright (c) 2013-2020, Sideway Inc, and project contributors

Copyright (c) 2013-present, Facebook, Inc.

Copyright (c) 2013–2016 Brian J. Brennan

Copyright (c) 2014 Andrew Kelley

Copyright (c) 2014 Blake Embrey (hello@blakeembrey.com)

Copyright (c) 2014 Daniel Bugl

Copyright (c) 2014 Dave Justice

Copyright (c) 2014 Evan Wallace

Copyright (c) 2014 International Business Machines Corporation

Copyright (c) 2014 James Hrisho

Copyright (c) 2014 Jameson Little

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>

Copyright (c) 2014 Jordan Harband

Copyright (c) 2014 Josh Wolfe

Copyright (c) 2014 Mathias Buus

Copyright (c) 2014 Matt Warren

Copyright (c) 2014 Michael Barker

Copyright (c) 2014 Nathan Rajlich <nathan@tootallnate.net>

Copyright (c) 2014 Stefan Thomas

Copyright (c) 2014 Steven Skelton

Copyright (c) 2014 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2014 Thomas Watson Steen

Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors

Copyright (c) 2014 skoranga

Copyright (c) 2014, 2015, 2016, 2017, 2018 Simon Lydell

Copyright (c) 2014, Domenic Denicola

Copyright (c) 2014, StrongLoop Inc.

Copyright (c) 2014, Walmart.

Copyright (c) 2014-2015 Jon Schlinkert, contributors.

Copyright (c) 2014-2015, 2017, Jon Schlinkert.

Copyright (c) 2014-2015, Eli Skeggs and Project contributors

Copyright (c) 2014-2015, Jon Schlinkert.

Copyright (c) 2014-2016 GitHub, Inc.

Copyright (c) 2014-2016, Jon Schlinkert

Copyright (c) 2014-2016, Jon Schlinkert.

Copyright (c) 2014-2016, Walmart.

Copyright (c) 2014-2017 Christian Zangl

Copyright (c) 2014-2017 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2014-2017 Thomas Watson Steen

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright (c) 2014-2018 Suguru Motegi

Copyright (c) 2014-2018 Tyler Kellen <tyler@sleekcode.net>, Blaine Bublitz <blaine.bublitz@gmail.com>, and Eric Schoffstall <yo@contra.io>

Copyright (c) 2014-2018, Jon Schlinkert.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2014-2019, Gil Pedersen

Copyright (c) 2014-2020 Damien Sorel

Copyright (c) 2014-2020 Teambition

Copyright (c) 2014-2020, Sideway Inc, and project contributors

Copyright (c) 2014-2022 Denis Pushkarev

Copyright (c) 2014-present Matt Zabriskie

Copyright (c) 2014-present Sebastian McKenzie and other contributors

Copyright (c) 2014-present, Facebook, Inc.

Copyright (c) 2014-present, Jon Schlinkert.

Copyright (c) 2015 Andres Suarez <zertosh@gmail.com>

Copyright (c) 2015 Andrey Okonetchnikov

Copyright (c) 2015 Brian Donovan

Copyright (c) 2015 Dan Abramov

Copyright (c) 2015 David Chin

Copyright (c) 2015 David Clark

Copyright (c) 2015 Dmitry Ivanov

Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

Copyright (c) 2015 International Business Machines Corporation

Copyright (c) 2015 JD Ballard

Copyright (c) 2015 Javier Blanco

Copyright (c) 2015 Jordan Harband

Copyright (c) 2015 Josh Junon

Copyright (c) 2015 Luigi Pinca

Copyright (c) 2015 Matteo Collina

Copyright (c) 2015 Rich Harris

Copyright (c) 2015 Robin Frischmann

Copyright (c) 2015 Thomas Watson Steen

Copyright (c) 2015 Tyler Kellen

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

Copyright (c) 2015 Ville Lautanala

Copyright (c) 2015 Vitaly Puzrin, Alex Kocharin.

Copyright (c) 2015, 2017, Jon Schlinkert.

Copyright (c) 2015, 2019 Elan Shanker, 2021 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

Copyright (c) 2015, Contributors

Copyright (c) 2015, Espen Hovlandsdal

Copyright (c) 2015, Jon Schlinkert.

Copyright (c) 2015, Yahoo! Inc. All rights reserved.

Copyright (c) 2015-2016 Douglas Christopher Wilson <doug@somethingdoug.com>

Copyright (c) 2015-2016, Mark Bradshaw

Copyright (c) 2015-2017 Evgeny Poberezkin

Copyright (c) 2015-2017 Geoff Wagstaff

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright (c) 2015-2017, Wojciech Mula

Copyright (c) 2015-2018 Elasticsearch BV

Copyright (c) 2015-2018 Google, Inc., Netflix, Inc., Microsoft Corp. and contributors

Copyright (c) 2015-2018 Reselect Contributors

Copyright (c) 2015-2018 Thomas Watson Steen

Copyright (c) 2015-2018, Jon Schlinkert.

Copyright (c) 2015-2019 Elasticsearch BV

Copyright (c) 2015-2019 Thomas Watson Steen

Copyright (c) 2015-2020 Thomas Watson Steen

Copyright (c) 2015-2020, Matteo Collina <matteo.collina@gmail.com>

Copyright (c) 2015-2020, Sideway Inc, and project contributors

Copyright (c) 2015-2021 Evgeny Poberezkin

Copyright (c) 2015-2022 Douglas Christopher Wilson <doug@somethingdoug.com>

Copyright (c) 2015-2022, Elasticsearch B.V.

Copyright (c) 2015-present Dan Abramov

Copyright (c) 2015-present libuv project contributors.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2015-present, Ben Mosher

Copyright (c) 2015-present, Jon Schlinkert.

Copyright (c) 2015–2016 Sebastian Mayr

Copyright (c) 2016 - present Microsoft Corporation

Copyright (c) 2016 Adam Draper

Copyright (c) 2016 Alex Indigo

Copyright (c) 2016 David Frank

Copyright (c) 2016 David Mark Clements

Copyright (c) 2016 Denis Rul

Copyright (c) 2016 Evan Krambuhl

Copyright (c) 2016 Evgeny Poberezkin

Copyright (c) 2016 Jacob Parker and Maximilian Stoiber

Copyright (c) 2016 Jean-Philippe Aumasson <jeanphilippe.aumasson@gmail.com>

Copyright (c) 2016 Jordan Harband

Copyright (c) 2016 Mathias Buus

Copyright (c) 2016 Piotr Witek <piotrek.witek@gmail.com> (http://piotrwitek.github.io)

Copyright (c) 2016 Sebastian Mayr

Copyright (c) 2016 Thomas Watson Steen

Copyright (c) 2016 W.Y.

Copyright (c) 2016 William Blankenship

Copyright (c) 2016 ngtcp2 contributors

Copyright (c) 2016 rhysd

Copyright (c) 2016, 2018 Linus Unnebäck

Copyright (c) 2016, Contributors

Copyright (c) 2016, Jon Schlinkert.

Copyright (c) 2016-2017, Jon Schlinkert.

Copyright (c) 2016-2017, Matthieu Darbois

Copyright (c) 2016-2018 Matteo Collina

Copyright (c) 2016-2018 The Inter UI Project Authors (me@rsms.me)

Copyright (c) 2016-2019 David Mark Clements

Copyright (c) 2016-2019 Matteo Collina, David Mark Clements and the Pino contributors

Copyright (c) 2016-2019 Thomas Watson Steen

Copyright (c) 2016-2020, Sideway Inc, and project contributors

Copyright (c) 2016-present Sultan Tarimo

Copyright (c) 2016-present Vladimir Danchenkov and Maximilian Stoiber

Copyright (c) 2016-present, jszhou

Copyright (c) 2017 Alberto Leal <mailforalberto@gmail.com> (github.com/dashed)

Copyright (c) 2017 Anton

Copyright (c) 2017 Brandon Keepers

Copyright (c) 2017 David Mark Clements & Matteo Collina

Copyright (c) 2017 Eric Wendelin and other contributors

Copyright (c) 2017 Espen Hovlandsdal

Copyright (c) 2017 Evgeny Poberezkin

Copyright (c) 2017 Fedor Indutny

Copyright (c) 2017 Giulio Canti

Copyright (c) 2017 Ilya Kantor

Copyright (c) 2017 JS Foundation and other contributors

Copyright (c) 2017 Jakub Chodorowicz

Copyright (c) 2017 Kent C. Dodds

Copyright (c) 2017 Khaled Al-Ansari

Copyright (c) 2017 Matteo Collina

Copyright (c) 2017 Menglin "Mark" Xu <mark@remarkablemark.org>

Copyright (c) 2017 Michel Weststrate

Copyright (c) 2017 Robin Frischmann

Copyright (c) 2017 crypto-browserify

Copyright (c) 2017 molsson

Copyright (c) 2017 sudodoki <smd.deluzion@gmail.com>

Copyright (c) 2017, Jakob Krigovsky

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2017, Rebecca Turner <me@re-becca.org>

Copyright (c) 2017-2018 Fredrik Nicol

Copyright (c) 2017-2019 James Kyle <me@thejameskyle.com>

Copyright (c) 2017-2020, Sideway Inc, and project contributors

Copyright (c) 2017-2022 npm, Inc., Isaac Z. Schlueter, and Contributors

Copyright (c) 2017-2023 npm, Inc., Isaac Z. Schlueter, and Contributors

Copyright (c) 2017-present Giulio Canti

Copyright (c) 2017-present, Jon Schlinkert.

Copyright (c) 2018 Akash Kurdekar

Copyright (c) 2018 Alex Reardon

Copyright (c) 2018 Brian Vaughn

Copyright (c) 2018 Cody Olsen

Copyright (c) 2018 Copyright 2018 Klaus Hartl, Fagner Brack, GitHub Contributors

Copyright (c) 2018 David Mark Clements, Matteo Collina & Ruben Bridgewater

Copyright (c) 2018 HackerOne Inc and individual contributors

Copyright (c) 2018 Jed Watson

Copyright (c) 2018 Jed Watson.

Copyright (c) 2018 Jordan Harband

Copyright (c) 2018 Made With MOXY Lda <hello@moxy.studio>

Copyright (c) 2018 Mark Erikson

Copyright (c) 2018 Mathias Buus

Copyright (c) 2018 Nikita Skovoroda <chalkerx@gmail.com>

Copyright (c) 2018 Param Aggarwal

Copyright (c) 2018 Thomas Watson Steen

Copyright (c) 2018, Mapbox

Copyright (c) 2018-2019 Thomas Watson Steen

Copyright (c) 2018-2020, Sideway Inc, and project contributors

Copyright (c) 2018-2021 Josh Junon

Copyright (c) 2019 Alexander Reardon

Copyright (c) 2019 Anton Zinovyev

Copyright (c) 2019 Colin Ihrig and Contributors

Copyright (c) 2019 Elan Shanker, Paul Miller (https://paulmillr.com)

Copyright (c) 2019 Federico Zivolo

Copyright (c) 2019 Intel Corporation. All rights reserved.

Copyright (c) 2019 Jason A. Storey

Copyright (c) 2019 Jordan Harband

Copyright (c) 2019 The Fastify Team

Copyright (c) 2019 Thomas Watson Steen

Copyright (c) 2019 nghttp3 contributors

Copyright (c) 2019, Sideway Inc, and project contributors

Copyright (c) 2019-2020 David Mark Clements

Copyright (c) 2019-2020, Project contributors

Copyright (c) 2019-2020, Sideway Inc, and project contributors

Copyright (c) 2019-present StringEpsilon <StringEpsilon@gmail.com>

Copyright (c) 2020 Anton Korzunov

Copyright (c) 2020 David Mark Clements

Copyright (c) 2020 Evan Wallace

Copyright (c) 2020 Inspect JS

Copyright (c) 2020 Jordan Harband

Copyright (c) 2020 Node.js contributors. All rights reserved.

Copyright (c) 2020 Roland Groza

Copyright (c) 2020 Tomas Della Vedova

Copyright (c) 2020-present LongYinan

Copyright (c) 2021 Alex Reardon

Copyright (c) 2021 Inspect JS

Copyright (c) 2022 Inspect JS

Copyright (c) 2022 Postman, Inc

Copyright (c) Andrea Carraro

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) Bogdan Chadkin <trysound@yandex.ru>

Copyright (c) Brian Zengel <https://github.com/bczengel>, Ilya Mochalov <https://github.com/chrootsu>

Copyright (c) Denis Malinochkin

Copyright (c) Elasticsearch BV

Copyright (c) Ellen Gummesson

Copyright (c) Emotion team and other contributors

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Fastify

Copyright (c) Feross Aboukhadijeh

Copyright (c) Feross Aboukhadijeh, and other contributors.

Copyright (c) Isaac Z. Schlueter

Copyright (c) Isaac Z. Schlueter and Contributors

Copyright (c) Ivan Nikolić <http://ivannikolic.com>

Copyright (c) JS Foundation and other contributors

Copyright (c) JS Foundation and other contributors <https://js.foundation/>

Copyright (c) Jon Schlinkert (https://github.com/jonschlinkert).

Copyright (c) Mathias Pettersson and Brian Hammond

Copyright (c) Matteo Collina and Undici contributors

Copyright (c) Michael Jackson 2016-2018

Copyright (c) Microsoft Corporation.

Copyright (c) Microsoft Corporation. All rights reserved.

Copyright (c) React Training 2016-2018

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

Copyright (c) Stephen Sugden <me@stephensugden.com> (stephensugden.com)

Copyright (c) Tjarda Koster, https://jelloween.deviantart.com

Copyright (c) npm, Inc.

Copyright (c) npm, Inc. and Contributors

Copyright (c) their respective copyright owners

Copyright 1991 by the Massachusetts Institute of Technology

Copyright 1996 Chih-Hao Tsai @ Beckman Institute,

Copyright 1998 by the Massachusetts Institute of Technology.

Copyright 2000, 2001, 2002, 2003 Nara Institute of Science

Copyright 2006, 2015 Klaus Hartl & Fagner Brack

Copyright 2006-2011, the V8 project authors. All rights reserved.

Copyright 2008 Fair Oaks Labs, Inc.

Copyright 2008, Google Inc.

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2009-2021 Elasticsearch B.V.

Copyright 2010 James Halliday (mail@substack.net)

Copyright 2010 James Halliday (mail@substack.net); Modified work Copyright 2014 Contributors (ben@npmjs.com)

Copyright 2010, 2011, 2012, 2013. All rights reserved.

Copyright 2010-2015 Mike Bostock

Copyright 2010-2016 Mike Bostock

Copyright 2010-2016, Mike Bostock

Copyright 2010-2017 Mike Bostock

Copyright 2010-2022 Mike Bostock

Copyright 2011 Gary Court. All rights reserved.

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2011-2022 Elasticsearch B.V.

Copyright 2012 rison origninal author

Copyright 2012-2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.

Copyright 2012-2018 Elasticsearch B.V.

Copyright 2012–2016 Elasticsearch BV

Copyright 2013 Elasticsearch BV

Copyright 2013 Michael Hart (michael.hart.au@gmail.com)

Copyright 2013 Thorsten Lorenz.

Copyright 2013 Yahoo! Inc.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2014 Alex Sexton

Copyright 2014 James Saryerwinnie

Copyright 2014 Mozilla Foundation and contributors

Copyright 2014 Simon Lydell

Copyright 2014 Yahoo Inc.

Copyright 2014 Yahoo! Inc.

Copyright 2014, 2015, 2016, 2017, 2018 Simon Lydell

Copyright 2014, the V8 project authors. All rights reserved.

Copyright 2014-2017 Christian Zangl, MIT license

Copyright 2014–present Olivier Lalonde <olalonde@gmail.com>, James Talmage <james@talmage.io>, Ruben Verborgh

Copyright 2015 Calvin Metcalf

Copyright 2015-2016 Mike Bostock

Copyright 2016 The Chromium Authors. All rights reserved.

Copyright 2017 - 2022 Quarkslab

Copyright 2017 - 2022 R. Thomas

Copyright 2017 Elasticsearch BV

Copyright 2017 JS Foundation

Copyright 2017 Kat Marchán

Copyright 2018 Observable, Inc.

Copyright 2018 Stefan Penner

Copyright 2019 "David Mark Clements <david.mark.clements@gmail.com>"

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

Copyright 2019 Atlassian Pty Ltd

Copyright 2019 Elastic and contributors

Copyright 2019 ehmicky <ehmicky@gmail.com>

Copyright 2019-2021 Elasticsearch B.V.

Copyright 2020 Elastic and contributors

Copyright 2021 OpenSearch Contributors

Copyright 2021 The simdutf authors

Copyright 2023 Ada authors

Copyright © 1991-2020 Unicode, Inc. All rights reserved.

Copyright © 1991-2022 Unicode, Inc. All rights reserved.

Copyright © 2004 Scott James Remnant .

Copyright © 2012-2015 Dan Nicholson

Copyright © 2015 Kiko Beats

Copyright © 2015-2018, Jon Schlinkert.

Copyright © 2020-2022 Michael Garvin

Copyright © Corepack contributors**

---------- Notices ----------

OpenSearch (https://opensearch.org/)

Copyright OpenSearch Contributors

This product includes software, including Kibana source code,

developed by Elasticsearch (http://www.elastic.co).

Copyright 2009-2021 Elasticsearch B.V.

This product includes software developed by The Apache Software

Foundation (http://www.apache.org/)

This product includes software developed by

Joda.org (http://www.joda.org/).

Pretty handling of logarithmic axes.

Copyright (c) 2007-2014 IOLA and Ole Laursen.

Licensed under the MIT license.

Created by Arne de Laat

Set axis.mode to "log" and make the axis logarithmic using transform:

axis: {

mode: 'log',

transform: function(v) {v <= 0 ? Math.log(v) / Math.LN10 : null},

inverseTransform: function(v) {Math.pow(10, v)}

Copyright © 1988, 2025, Oracle and/or its affiliates.

}

The transform filters negative and zero values, because those are
invalid on logarithmic scales.

This plugin tries to create good looking logarithmic ticks, using
unicode superscript characters. If all data to be plotted is between two
powers of ten then the default flot tick generator and renderer are
used. Logarithmic ticks are places at powers of ten and at half those
values if there are not to many ticks already (e.g. [1, 5, 10, 50, 100]).

For details, see https://github.com/flot/flot/pull/1328

This module was heavily inspired by the externals plugin that ships with webpack@97d58d31

MIT License http://www.opensource.org/licenses/mit-license.php

Author Tobias Koppers @sokra

This product includes code that is based on Ace editor, which was available
under a "BSD" license.

Distributed under the BSD license:

Copyright (c) 2010, Ajax.org B.V.

All rights reserved.

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

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

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

* Neither the name of Ajax.org B.V. nor the
names of its contributors may be used to endorse or promote products
derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL AJAX.ORG B.V. BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This product includes code that is based on Ace editor, which was available

under a "BSD" license.

Distributed under the BSD license:

Copyright (c) 2010, Ajax.org B.V.

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

* Neither the name of Ajax.org B.V. nor the

names of its contributors may be used to endorse or promote products

derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

 Copyright © 1988, 2025, Oracle and/or its affiliates.

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL AJAX.ORG B.V. BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This product includes code that is based on flot-charts, which was available

under a "MIT" license.

The MIT License (MIT)

Copyright (c) 2007-2014 IOLA and Ole Laursen

MIT License

Based on the scroll-into-view-if-necessary module from npm

https://github.com/stipsan/compute-scroll-into-view/blob/master/src/index.ts#L269-L340

MIT License

Copyright (c) 2018 Cody Olsen

MIT License

MIT License

Copyright (c) 2014-present Sebastian McKenzie and other contributors

MIT License

This product bundles bootstrap@3.3.6 which is available under a

"MIT" license.

The MIT License (MIT)

Copyright (c) 2011-2015 Twitter, Inc

MIT License

This product bundles childnode-remove which is available under a

"MIT" license.

The MIT License (MIT)

Copyright (c) 2016-present, jszhou

https://github.com/jserz/js_piece

MIT License

This product bundles code based on probot-metadata@1.0.0 which is

available under a "MIT" license.

ISC License

Copyright (c) 2017 Brandon Keepers

ISC License

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

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

- Apache-2.0

- BSD-0-Clause

- BSD-2-Clause

- BSD-3-Clause

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

- CC-BY-4.0

- CC0-1.0

- GPL-2.0

- ISC

- MIT

- Unknown License

Copyright © 1988, 2025, Oracle and/or its affiliates.

- Unlicense

- WTFPL

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

== Dependency

@ampproject/remapping

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Google LLC

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

== Dependency

@aws-crypto/cache-material

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/caching-materials-manager-node

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/client-node

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/decrypt-node

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/encrypt-node

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/hkdf-node

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/kms-keyring-node

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

@aws-crypto/kms-keyring

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/material-management-node

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/material-management

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/raw-aes-keyring-node

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/raw-keyring

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/raw-rsa-keyring-node

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@aws-crypto/serialize

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Amazon.com, Inc. or its affiliates. All Rights Reserved.

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

== Dependency

@babel/cli

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

@babel/code-frame

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/compat-data

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/core

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/generator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-annotate-as-pure

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-builder-binary-assignment-operator-visitor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-compilation-targets

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-create-class-features-plugin

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-create-regexp-features-plugin

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-define-polyfill-provider

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Nicolò Ribaudo and other contributors

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

== Dependency

@babel/helper-environment-visitor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-explode-assignable-expression

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-function-name

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-get-function-arity

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-hoist-variables

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-member-expression-to-functions

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-module-imports

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-module-transforms

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-optimise-call-expression

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-plugin-utils

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-remap-async-to-generator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-replace-supers

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-simple-access

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-skip-transparent-expression-wrappers

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-split-export-declaration

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

@babel/helper-validator-identifier

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-validator-option

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helper-wrap-function

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/helpers

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

@babel/highlight

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/parser

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2012-2014 by various contributors (see AUTHORS)

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

== Dependency

@babel/plugin-bugfix-safari-id-destructuring-collision-in-function-expression

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-bugfix-v8-spread-parameters-in-optional-chaining

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-async-generator-functions

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-class-properties

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-class-static-block

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-dynamic-import

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-export-namespace-from

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-json-strings

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-logical-assignment-operators

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-logical-assignment-operators

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-nullish-coalescing-operator

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-numeric-separator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-object-rest-spread

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-optional-catch-binding

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-optional-chaining

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-private-methods

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-private-property-in-object

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-proposal-unicode-property-regex

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-async-generators

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

@babel/plugin-syntax-bigint

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-class-properties

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-class-static-block

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-dynamic-import

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-export-namespace-from

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-import-meta

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-json-strings

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-jsx

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

@babel/plugin-syntax-logical-assignment-operators

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-nullish-coalescing-operator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-numeric-separator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-object-rest-spread

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-optional-catch-binding

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-optional-chaining

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-private-property-in-object

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-top-level-await

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-syntax-typescript

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-arrow-functions

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-async-to-generator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-block-scoped-functions

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-block-scoping

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-classes

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-computed-properties

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-destructuring

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-dotall-regex

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-duplicate-keys

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-exponentiation-operator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-for-of

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-function-name

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-literals

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-member-expression-literals

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-modules-amd

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-modules-commonjs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

@babel/plugin-transform-modules-systemjs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-modules-umd

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-named-capturing-groups-regex

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-new-target

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-object-super

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-parameters

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-property-literals

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-react-display-name

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-react-jsx-development

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-react-jsx

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-react-pure-annotations

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-regenerator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-reserved-words

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-shorthand-properties

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-spread

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-sticky-regex

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-template-literals

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-typeof-symbol

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-typescript

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-unicode-escapes

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/plugin-transform-unicode-regex

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/preset-env

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/preset-modules

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Babel

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

== Dependency

@babel/preset-react

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/preset-typescript

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

@babel/runtime

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/template

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/traverse

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@babel/types

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

@elastic/charts

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2017 Evgeny Poberezkin

Copyright 2018 Observable, Inc.

Copyright 2019 Elastic and contributors

== Notices

This product includes code that is adapted from fast-deep-equal@3.1.1,

which is available under a "MIT" license.

MIT License

Copyright (c) 2017 Evgeny Poberezkin

MIT License

This product also includes code that is adapted from d3-delaunay@5.2.1,

which is available under a "ISC" license.

Copyright 2018 Observable, Inc.

ISC License

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

== Dependency

@elastic/datemath

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@elastic/ecs-helpers

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019-2021 Elasticsearch B.V.

Copyright 2020 Elastic and contributors

== Notices

@elastic/ecs-helpers

Copyright 2019-2021 Elasticsearch B.V.

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

== Dependency

@elastic/ecs-pino-format

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019-2021 Elasticsearch B.V.

Copyright 2020 Elastic and contributors

== Notices

@elastic/ecs-pino-format

Copyright 2019-2021 Elasticsearch B.V.

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

== Dependency

@elastic/eslint-config-kibana

== License Type

SPDX:Apache-2.0

== Copyright

Spencer Alger <email@spalger.com>

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

== Dependency

@elastic/eui

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (C) Paul Johnston 1999 - 2009

Copyright (c) 2002 Cynthia Brewer, Mark Harrower,

Copyright (c) 2002 Cynthia Brewer, Mark Harrower, and The

Copyright (c) 2010, Ajax.org B.V.

Copyright (c) 2011-2019, Gregor Aisch

Copyright (c) 2013-present, Facebook, Inc.

Copyright (c) 2014-2015, Jon Schlinkert.

Copyright (c) 2014-present, Facebook, Inc.

Copyright (c) 2016 Federico Zivolo and contributors

Copyright (c) 2017-2018 GitHub, Inc.

Copyright (c) 2018 HackerOne Inc and individual contributors

Copyright (c) 2018 Jed Watson.

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Microsoft Corporation.

Copyright (c) Microsoft Corporation. All rights reserved.

Copyright 2006 Google Inc.

Copyright 2011, Sebastian Tschan

Copyright 2012-2018 Elasticsearch B.V.

Copyright 2015, Yahoo! Inc.

Copyright 2018 The diff-match-patch Authors.

Copyright 2021 OpenSearch Contributors

== Notices

OpenSearch UI

Copyright 2021 OpenSearch Contributors

This product includes software, including EUI source code, developed by Elasticsearch (http://www.elastic.co).

Copyright 2012-2018 Elasticsearch B.V.

Copyright © 1988, 2025, Oracle and/or its affiliates.

This product bundles code based on react-datepicker@2.0.0 which is

available under a "MIT" license.

The MIT License (MIT)

Copyright (c) 2018 HackerOne Inc and individual contributors

MIT License

--

This product bundles code based on @types/react-datepicker@1.8.0 which is

available under a "MIT" license.

MIT License

Copyright (c) Microsoft Corporation. All rights reserved.

MIT License

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

== Dependency

@elastic/good

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

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

== Dependency

@elastic/node-crypto

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2012–2016 Elasticsearch BV

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

== Dependency

@elastic/numeral

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Adam Draper

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

== Dependency

@elastic/request-crypto

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2017 Elasticsearch BV

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

== Dependency

@elastic/safer-lodash-set

== License Type

SPDX:MIT

== Copyright

Copyright (c) Brian Zengel <https://github.com/bczengel>, Ilya Mochalov <https://github.com/chrootsu>

Copyright (c) Elasticsearch BV

Copyright (c) JS Foundation and other contributors <https://js.foundation/>

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

== Dependency

@emotion/is-prop-valid

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

@emotion/memoize

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

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

== Dependency

@emotion/stylis

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

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

== Dependency

@emotion/unitless

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

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

== Dependency

@gar/promisify

== License Type

SPDX:MIT

== Copyright

Copyright © 2020-2022 Michael Garvin

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

== Dependency

@hapi/accept

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Walmart.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

Copyright (c) 2015-2016, Mark Bradshaw

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

== Dependency

@hapi/ammo

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Walmart.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/b64

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (C) 1999 Masanao Izumo <iz@onicos.co.jp>

Copyright (c) 2014, Walmart.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/boom

== License Type

SPDX:BSD-3-Clause

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/bounce

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2017-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/bourne

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2019-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/call

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>, MIT Licensed, http://bjoern.hoehrmann.de/utf-8/decoder/dfa/

Copyright (c) 2014, Walmart.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

Copyright (c) 2017-2019 Justin Ridgewell, MIT Licensed, https://github.com/jridgewell/safe-decode-string-component

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

== Dependency

@hapi/catbox-memory

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/catbox

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/content

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Walmart.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/cookie

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/cryptiles

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/file

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2019-2020, Project contributors

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

== Dependency

@hapi/good-squeeze

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014-2016, Walmart.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/h2o2

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/hapi

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2011, Yahoo Inc.

Copyright (c) 2011-2014, Walmart

Copyright (c) 2011-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/heavy

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2013-2014, Walmart.

Copyright (c) 2013-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/hoek

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2011, Yahoo Inc.

Copyright (c) 2011-2014, Walmart

Copyright (c) 2011-2020, Sideway Inc, and project contributors

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

@hapi/inert

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2020, Sideway Inc, and project contributors

Copyright (c) 2014-2019, Gil Pedersen

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

== Dependency

@hapi/iron

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/mimos

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Walmart.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/nigel

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Walmart.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/oppsy

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2015-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/pez

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2011-2013 Felix Geisendörfer, Andrew Kelley

Copyright (c) 2014, Walmart.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/podium

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2016-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/shot

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2021, Sideway Inc, and project contributors

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

== Dependency

@hapi/somever

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2018-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/statehood

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Walmart.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/subtext

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2019, Sideway Inc, and project contributors

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

@hapi/teamwork

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2015-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/topo

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/validate

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/vise

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Walmart.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2014-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/vision

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2015, Walmart.

Copyright (c) 2012-2020, Sideway Inc, and project contributors

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

== Dependency

@hapi/wreck

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart.

Copyright (c) 2012-2022, Sideway Inc, and project contributors

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

== Dependency

@istanbuljs/load-nyc-config

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2019, Contributors

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

== Dependency

@istanbuljs/schema

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 CFWare, LLC

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

== Dependency

@jest/console

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

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

== Dependency

@jest/environment

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

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

== Dependency

@jest/fake-timers

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

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

== Dependency

@jest/globals

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

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

== Dependency

@jest/source-map

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

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

== Dependency

@jest/test-result

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

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

== Dependency

@jest/test-sequencer

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

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

== Dependency

@jest/transform

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

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

== Dependency

@jest/types

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

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

== Dependency

@jridgewell/resolve-uri

== License Type

SPDX:MIT

== Copyright

Copyright 2019 Justin Ridgewell <jridgewell@google.com>

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

== Dependency

@jridgewell/sourcemap-codec

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2015 Rich Harris

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

== Dependency

@jridgewell/trace-mapping

== License Type

SPDX:MIT

== Copyright

Copyright 2022 Justin Ridgewell <justin@ridgewell.name>

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

== Dependency

@kwsites/file-exists

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Steve King

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

== Dependency

@kwsites/promise-deferred

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 kwsites

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

== Dependency

@lmdb/lmdb-darwin-arm64

== License Type

SPDX:MIT

== Copyright

[Copyright (c) 2014 Timur Kristóf](https://github.com/venemo/node-lmdb/)

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

== Dependency

@mapbox/hast-util-table-cell-style

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2018, Mapbox

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

== Dependency

@mrmlnc/readdir-enhanced

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 James Messinger

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

== Dependency

@msgpackr-extract/msgpackr-extract-darwin-arm64

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Kris Zyp

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

== Dependency

@nicolo-ribaudo/chokidar-2

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2023 Nicolò Ribaudo

MIT License

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

@node-rs/xxhash-darwin-arm64

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020-present LongYinan

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

== Dependency

@node-rs/xxhash

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020-present LongYinan

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

== Dependency

@nodelib/fs.scandir

== License Type

SPDX:MIT

== Copyright

Copyright (c) Denis Malinochkin

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

== Dependency

@nodelib/fs.stat

== License Type

SPDX:MIT

== Copyright

Copyright (c) Denis Malinochkin

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

== Dependency

@nodelib/fs.walk

== License Type

SPDX:MIT

== Copyright

Copyright (c) Denis Malinochkin

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

== Dependency

@npmcli/fs

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2011-2017 JP Richardson

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

== Dependency

@npmcli/move-file

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

Copyright (c) npm, Inc.

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

== Dependency

@opensearch-project/opensearch-next

== License Type

SPDX:Apache-2.0

== Copyright

Copyright OpenSearch Contributors

== Notices

Copyright © 1988, 2025, Oracle and/or its affiliates.

OpenSearch (https://opensearch.org/)

Copyright OpenSearch Contributors

This product includes software developed by

Elasticsearch (http://www.elastic.co).

This product includes software developed by The Apache Software

Foundation (http://www.apache.org/).

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

== Dependency

@opensearch-project/opensearch

== License Type

SPDX:Apache-2.0

== Copyright

Copyright OpenSearch Contributors

== Notices

OpenSearch (https://opensearch.org/)

Copyright OpenSearch Contributors

This product includes software developed by

Elasticsearch (http://www.elastic.co).

This product includes software developed by The Apache Software

Foundation (http://www.apache.org/).

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

== Dependency

@opensearch/datemath

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@opentelemetry/api

== License Type

SPDX:Apache-2.0

== Copyright

OpenTelemetry Authors

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

== Dependency

@osd/ace

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2010, Ajax.org B.V.

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

== Dependency

@osd/analytics

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/apm-config-loader

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/babel-preset

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/config-schema

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/config

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/cross-platform

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/dev-utils

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/eslint-import-resolver-opensearch-dashboards

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/eslint-plugin-eslint

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2015-present, Ben Mosher

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

== Dependency

@osd/expect

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Guillermo Rauch <guillermo@learnboost.com>

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

== Dependency

@osd/i18n

== License Type

SPDX:Apache-2.0

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

(no copyright notices found)

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

== Dependency

@osd/interpreter

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/logging

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/monaco

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/opensearch-archiver

== License Type

SPDX:Apache-2.0

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

(no copyright notices found)

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

== Dependency

@osd/opensearch

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/optimizer

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

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

== Dependency

@osd/plugin-generator

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/plugin-helpers

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

@osd/pm

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2012 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2013-present, Facebook, Inc.

Copyright (c) 2014-2015 Jon Schlinkert, contributors.

Copyright (c) 2014-2015, 2017, Jon Schlinkert.

Copyright (c) 2014-2015, Jon Schlinkert.

Copyright (c) 2014-2016, Jon Schlinkert.

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright (c) 2014-2018, Jon Schlinkert.

Copyright (c) 2014-2020 Teambition

Copyright (c) 2014-present, Jon Schlinkert.

Copyright (c) 2015, 2017, Jon Schlinkert.

Copyright (c) 2015, Jon Schlinkert.

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright (c) 2015-2018, Jon Schlinkert.

Copyright (c) 2015-present, Jon Schlinkert.

Copyright (c) 2016, Jon Schlinkert.

Copyright (c) 2016-2017, Jon Schlinkert.

Copyright (c) Jon Schlinkert (https://github.com/jonschlinkert).

Copyright (c) Microsoft Corporation.

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

Copyright 2014 Simon Lydell

Copyright 2014, 2015, 2016, 2017, 2018 Simon Lydell

Copyright © 2015-2018, Jon Schlinkert.

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

== Dependency

@osd/std

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/stylelint-config

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/stylelint-plugin-stylelint

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/telemetry-tools

== License Type

SPDX:Apache-2.0

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

(no copyright notices found)

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

== Dependency

@osd/test-subj-selector

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/test

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2017 Brandon Keepers

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

== Dependency

@osd/ui-framework

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/ui-shared-deps

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2007-2014 IOLA and Ole Laursen

Copyright (c) 2007-2014 IOLA and Ole Laursen.

Copyright (c) 2008, Three Dub Media (http://threedubmedia.com)

Copyright (c) 2010 "Cowboy" Ben Alman

Copyright (c) 2010 Xuan Luo.

Copyright (c) 2011 Brandon Aaron (http://brandonaaron.net)

Copyright (c) 2018 Jed Watson.

Copyright (c) Microsoft Corporation.

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

== Dependency

@osd/utility-types

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@osd/utils

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

@popperjs/core

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Federico Zivolo

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

@reduxjs/toolkit

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Mark Erikson

Copyright (c) Facebook, Inc. and its affiliates.

Copyright 2018-2021 the Deno authors. All rights reserved. MIT license.

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

== Dependency

@sinonjs/commons

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2018, Sinon.JS

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

== Dependency

@sinonjs/fake-timers

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2010-2014, Christian Johansen, christian@cjohansen.no. All rights reserved.

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

== Dependency

@tootallnate/once

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Nathan Rajlich

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

== Dependency

@types/babel__core

== License Type

SPDX:MIT

== Copyright

Troy Gerwien (githubUsername: "yortus")

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

== Dependency

@types/babel__generator

== License Type

SPDX:MIT

== Copyright

Troy Gerwien (githubUsername: "yortus")

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

== Dependency

@types/babel__template

== License Type

SPDX:MIT

== Copyright

Troy Gerwien (githubUsername: "yortus")

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

== Dependency

@types/babel__traverse

== License Type

SPDX:MIT

== Copyright

Troy Gerwien (githubUsername: "yortus")

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

@types/chroma-js

== License Type

SPDX:MIT

== Copyright

Sebastian Brückner (githubUsername: "invliD")

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

== Dependency

@types/duplexify

== License Type

SPDX:MIT

== Copyright

sami Kukkonen (githubUsername: "strax")

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

== Dependency

@types/glob

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

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

== Dependency

@types/graceful-fs

== License Type

SPDX:MIT

== Copyright

Bart van der Schoor (githubUsername: Bartvds)

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

== Dependency

@types/hast

== License Type

SPDX:MIT

== Copyright

lukeggchapman (githubUsername: lukeggchapman)

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

== Dependency

@types/hoist-non-react-statics

== License Type

SPDX:MIT

== Copyright

JounQin ("githubUsername": "JounQin")

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

== Dependency

@types/istanbul-lib-coverage

== License Type

SPDX:MIT

== Copyright

Jason Cheatham ("githubUsername": "jason0x43")

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

== Dependency

@types/istanbul-lib-report

== License Type

SPDX:MIT

== Copyright

Jason Cheatham ("githubUsername": "jason0x43")

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

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

@types/istanbul-reports

== License Type

SPDX:MIT

== Copyright

Jason Cheatham ("githubUsername": "jason0x43")

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

== Dependency

@types/js-cookie

== License Type

SPDX:MIT

== Copyright

Theodore Brown ("githubUsername": "theodorejb")

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

== Dependency

@types/json-schema

== License Type

SPDX:MIT

== Copyright

Boris Cherny (githubUsername: "bcherny")

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

== Dependency

@types/lodash

== License Type

SPDX:MIT

== Copyright

Brian Zengel (githubUsername: "bczengel")

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

== Dependency

@types/lru-cache

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

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

== Dependency

@types/mdast

== License Type

SPDX:MIT

== Copyright

Christian Murphy ("githubUsername": "ChristianMurphy")

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

== Dependency

@types/minimatch

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

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

== Dependency

@types/node-jose

== License Type

SPDX:MIT

== Copyright

Nadun Indunil ("githubUsername": "nadunindunil")

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

== Dependency

@types/node

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Alberto Schiabel (githubUsername": "jkomyno")

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

== Dependency

@types/numeral

== License Type

SPDX:MIT

== Copyright

Vincent Bortone (githubUsername": "vbortone")

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

== Dependency

@types/parse5

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

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

== Dependency

@types/prettier

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

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

== Dependency

@types/prismjs

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Michael Schmidt (githubUsername": "RunDevelopment")

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

== Dependency

@types/prop-types

== License Type

SPDX:MIT

== Copyright

DovydasNavickas (githubUsername": "DovydasNavickas")

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

== Dependency

@types/react-beautiful-dnd

== License Type

SPDX:MIT

== Copyright

varHarrie ("githubUsername": "varHarrie")

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

== Dependency

@types/react-input-autosize

== License Type

SPDX:MIT

== Copyright

Jason Unger ("githubUsername": "jsonunger")

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

== Dependency

@types/react-redux

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Qubo ("githubUsername": "tkqubo")

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

== Dependency

@types/react-virtualized-auto-sizer

== License Type

SPDX:MIT

== Copyright

Hidemi Yukita ("githubUsername": "otofu-square")

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

== Dependency

@types/react-window

== License Type

SPDX:MIT

== Copyright

Martynas Kadiša ("githubUsername": "martynaskadisa")

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

== Dependency

@types/react

== License Type

SPDX:MIT

== Copyright

Asana ("url": "https://asana.com")

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

== Dependency

@types/refractor

== License Type

SPDX:MIT

== Copyright

Ifiok Jr. ("githubUsername": "ifiokjr")

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

== Dependency

@types/resize-observer-browser

== License Type

SPDX:MIT

== Copyright

Chives ("githubUsername": "chivesrs")

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

== Dependency

@types/scheduler

== License Type

SPDX:MIT

== Copyright

Nathan Bierema ("githubUsername": "Methuselah96")

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

== Dependency

@types/source-list-map

== License Type

SPDX:MIT

== Copyright

e-cloud ("githubUsername": "e-cloud")

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

== Dependency

@types/stack-utils

== License Type

SPDX:MIT

== Copyright

BendingBender ("githubUsername": "BendingBender")

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

@types/tapable

== License Type

SPDX:MIT

== Copyright

e-cloud ("githubUsername": "e-cloud")

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

== Dependency

@types/tinycolor2

== License Type

SPDX:MIT

== Copyright

Mordechai Zuber ("githubUsername": "M-Zuber")

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

== Dependency

@types/uglify-js

== License Type

SPDX:MIT

== Copyright

Alan Agius ("githubUsername": "alan-agius4")

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

== Dependency

@types/unist

== License Type

SPDX:MIT

== Copyright

bizen241 ("githubUsername": "bizen241")

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

== Dependency

@types/webpack-sources

== License Type

SPDX:MIT

== Copyright

e-cloud ("githubUsername": "e-cloud")

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

== Dependency

@types/webpack

== License Type

SPDX:MIT

== Copyright

Qubo ("githubUsername": "tkqubo")

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

== Dependency

@types/yargs-parser

== License Type

SPDX:MIT

== Copyright

Miles Johnson ("githubUsername": "milesj")

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

== Dependency

@types/yargs

== License Type

SPDX:MIT

== Copyright

Martin Poelstra ("githubUsername": "poelstra")

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

== Dependency

@types/yauzl

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) Microsoft Corporation.

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

== Dependency

@webassemblyjs/ast

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/floating-point-hex-parser

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Mauro Bringolf

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

== Dependency

@webassemblyjs/helper-api-error

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/helper-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/helper-code-frame

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/helper-fsm

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/helper-module-context

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/helper-wasm-bytecode

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/helper-wasm-section

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/ieee754

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/leb128

== License Type

SPDX:MIT

== Copyright

Copyright 2012 The Obvious Corporation.

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

== Dependency

@webassemblyjs/utf8

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/wasm-edit

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/wasm-gen

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/wasm-opt

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/wasm-parser

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

@webassemblyjs/wast-parser

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@webassemblyjs/wast-printer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>

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

== Dependency

@xobotyi/scrollbar-width

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Anton Zinovyev

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

== Dependency

@xtuc/ieee754

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2008, Fair Oaks Labs, Inc.

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

== Dependency

@xtuc/long

== License Type

SPDX:Apache-2.0

== Copyright

Daniel Wirtz <dcode@dcode.io>

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

== Dependency

JSONStream

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2011 Dominic Tarr

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

== Dependency

abab

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright © 2019 W3C and Jeff Carpenter \<jeffcarp@chromium.org\>

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

== Dependency

abort-controller

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Toru Nagashima

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

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

abortcontroller-polyfill

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 molsson

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

== Dependency

acorn-globals

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Forbes Lindesay

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

== Dependency

acorn-walk

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2012-2018 by various contributors (see AUTHORS)

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

== Dependency

acorn

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2012-2018 by various contributors (see AUTHORS)

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

== Dependency

after-all-results

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Thomas Watson Steen

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

== Dependency

agent-base

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Nathan Rajlich <nathan@tootallnate.net>

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

== Dependency

agentkeepalive

== License Type

SPDX:MIT

== Copyright

Copyright(c) node-modules and other contributors.

Copyright(c) 2012 - 2015 fengmk2 <fengmk2@gmail.com>

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

== Dependency

aggregate-error

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

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

== Dependency

ajv-errors

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Evgeny Poberezkin

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

== Dependency

ajv-keywords

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Evgeny Poberezkin

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

== Dependency

ajv

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2021 Evgeny Poberezkin

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

== Dependency

ansi-colors

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Brian Woodward.

Copyright © 2018, [Brian Woodward](https://github.com/doowb).

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

== Dependency

ansi-escapes

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

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

== Dependency

ansi-regex

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

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

== Dependency

ansi-styles

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

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

== Dependency

ansi-wrap

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, Jon Schlinkert.

Copyright © 2015 Jon Schlinkert

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

== Dependency

anymatch

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2019 Elan Shanker, Paul Miller (https://paulmillr.com)

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

== Dependency

app_link_test

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

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

== Dependency

append-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017, Brian Woodward.

Copyright © 2017, [Brian Woodward](https://doowb.com).

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

== Dependency

aproba

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2015, Rebecca Turner <me@re-becca.org>

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

== Dependency

argparse

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2012 by Vitaly Puzrin

Copyright (c) 2012 [Vitaly Puzrin](https://github.com/puzrin).

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

== Dependency

aria-hidden

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2017 Anton Korzunov

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

== Dependency

arr-diff

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

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

== Dependency

arr-flatten

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

arr-union

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2016, Jon Schlinkert.

Copyright © 2016 [Jon Schlinkert](https://github.com/jonschlinkert)

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

== Dependency

array-find

== License Type

SPDX:MIT

== Copyright

Copyright (c) Stefan Duberg

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

== Dependency

array-uniq

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

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

== Dependency

array-unique

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, Jon Schlinkert.

Copyright (c) 2014-2016, Jon Schlinkert

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

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

== Dependency

arrify

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

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

== Dependency

asn1.js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Fedor Indutny

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

== Dependency

assert

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2009 Thomas Robinson <280north.com>

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

== Dependency

assign-symbols

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2015, Jon Schlinkert.

Copyright © 2015 Jon Schlinkert

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

== Dependency

async-cache

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter

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

== Dependency

async-each

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Paul Miller [(paulmillr.com)](http://paulmillr.com)

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

== Dependency

async-value-promise

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Stephen Belanger

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

== Dependency

async-value

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Stephen Belanger

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

== Dependency

async

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2010-2018 Caolan McMahon

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

== Dependency

asynckit

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Alex Indigo

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

== Dependency

atob

== License Type

At your option you may choose either of the following licenses:

* The MIT License (MIT)

* The Apache License 2.0 (Apache-2.0)

The MIT License (MIT)

Copyright (c) 2015 AJ ONeal

MIT License

Apache License

Apache License, Version 2.0

Copyright 2015 AJ ONeal

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

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

== Copyright

Copyright (c) 2015 AJ ONeal

Copyright 2015 AJ ONeal

copyright 2012-2018 AJ ONeal

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

== Dependency

atomic-sleep

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 David Mark Clements

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

== Dependency

attr-accept

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Andrey Okonetchnikov

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

== Dependency

autobind-decorator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Andrey Popp

copyright 2015, Andrey Popp <8mayday@gmail.com>

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

== Dependency

autoprefixer

== License Type

SPDX:MIT

== Copyright

Copyright 2013 Andrey Sitnik <andrey@sitnik.ru>

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

== Dependency

available-typed-arrays

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Inspect JS

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

== Dependency

aws-sdk

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (C) Paul Johnston 1999 - 2009

Copyright (c) 1998 - 2009, Paul Johnston & Contributors

Copyright (c) 2013 Dominic Tarr

Copyright 2011, Sebastian Tschan

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2012-2013 Amazon.com, Inc. or its affiliates. All Rights Reserved.

Copyright 2012-2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.

== Notices

AWS SDK for JavaScript

Copyright 2012-2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed at

Amazon Web Services, Inc. (http://aws.amazon.com/).

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

== Dependency

aws4

== License Type

SPDX:MIT

== Copyright

Copyright 2013 Michael Hart (michael.hart.au@gmail.com)

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

== Dependency

axios

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Matt Zabriskie

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

== Dependency

babel-jest

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

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

== Dependency

babel-plugin-add-module-exports

== License Type

SPDX:MIT

== Copyright

59naga <i59naga@icloud.com>

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

== Dependency

babel-plugin-dynamic-import-node

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Airbnb

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

== Dependency

babel-plugin-istanbul

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2016, Istanbul Code Coverage

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

== Dependency

babel-plugin-jest-hoist

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

babel-plugin-polyfill-corejs2

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Nicolò Ribaudo and other contributors

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

== Dependency

babel-plugin-polyfill-corejs3

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Nicolò Ribaudo and other contributors

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

== Dependency

babel-plugin-polyfill-regenerator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Nicolò Ribaudo and other contributors

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

== Dependency

babel-plugin-styled-components

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016-present Vladimir Danchenkov and Maximilian Stoiber

Copyright © 2016-present Vladimir Danchenkov and Maximilian Stoiber.

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

== Dependency

babel-plugin-syntax-jsx

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

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

== Dependency

babel-plugin-transform-react-remove-prop-types

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Nikita Gusakov

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

== Dependency

babel-preset-current-node-syntax

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Nicolò Ribaudo and other contributors

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

== Dependency

babel-preset-jest

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

Copyright © 1988, 2025, Oracle and/or its affiliates.

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

== Dependency

bail

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

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

== Dependency

balanced-match

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

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

== Dependency

base64-js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jameson Little

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

== Dependency

base64url

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013–2016 Brian J. Brennan

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

== Dependency

base

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

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

== Dependency

basic-auth

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 TJ Holowaychuk

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>

Copyright (c) 2015-2016 Douglas Christopher Wilson <doug@somethingdoug.com>

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

== Dependency

big.js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Michael Mclaughlin

Copyright (c) 2018 Michael Mclaughlin <M8ch88l@gmail.com>

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

== Dependency

binary-extensions

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2019 Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com), Paul Miller (https://paulmillr.com)

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

== Dependency

binary-search

== License Type

SPDX:CC0-1.0

== Copyright

The Dark Sky Company, LLC (support@darkskyapp.com)

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

== Dependency

bindings

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Nathan Rajlich <nathan@tootallnate.net>

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

== Dependency

bl

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-2019 bl contributors

Copyright (c) 2013-2019 bl contributors (listed above).

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

== Dependency

bluebird

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2013-2017 Petka Antonov

Copyright (c) 2013-2018 Petka Antonov

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

== Dependency

bn.js

== License Type

SPDX:MIT

== Copyright

Copyright Fedor Indutny, 2015.

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

== Dependency

boolbase

== License Type

Copyright (c) 2014-2015, Felix Boehm <me@feedic.com>

ISC License

== Copyright

Copyright (c) 2014-2015, Felix Boehm <me@feedic.com>

---------- (separator) ----------

== Dependency

brace-expansion

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

---------- (separator) ----------

== Dependency

brace

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2010, Ajax.org B.V.

Copyright 2013 Thorsten Lorenz.

---------- (separator) ----------

== Dependency

braces

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2018, Jon Schlinkert.

Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

breadth-filter

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Stephen Belanger

---------- (separator) ----------

== Dependency

brorand

== License Type

SPDX:MIT

== Copyright

Copyright Fedor Indutny, 2014.

---------- (separator) ----------

== Dependency

browser-process-hrtime

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright 2014 kumavis

---------- (separator) ----------

== Dependency

browser-stdout

== License Type

SPDX:ISC

== Copyright

Copyright 2018 kumavis

---------- (separator) ----------

== Dependency

browserify-aes

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017 browserify-aes contributors

---------- (separator) ----------

== Dependency

browserify-cipher

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017 Calvin Metcalf & contributors

---------- (separator) ----------

== Dependency

browserify-des

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017 Calvin Metcalf, Fedor Indutny & contributors

---------- (separator) ----------

== Dependency

browserify-rsa

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2016 Calvin Metcalf & contributors

---------- (separator) ----------

== Dependency

browserify-sign

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2014-2015 Calvin Metcalf and browserify-sign contributors

---------- (separator) ----------

== Dependency

browserify-zlib

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015 Devon Govett <devongovett@gmail.com>

---------- (separator) ----------

== Dependency

browserslist

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright 2014 Andrey Sitnik <andrey@sitnik.ru> and other contributors

---------- (separator) ----------

== Dependency

bser

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015-present Facebook, Inc.

---------- (separator) ----------

== Dependency

buffer-crc32

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Brian J. Brennan

---------- (separator) ----------

== Dependency

buffer-equal

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 James Halliday and contributors

---------- (separator) ----------

== Dependency

buffer-from

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2016, 2018 Linus Unnebäck

---------- (separator) ----------

== Dependency

buffer-xor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Daniel Cousens

---------- (separator) ----------

== Dependency

buffer

== License Type

SPDX:MIT

== Copyright

Copyright (C) [Feross Aboukhadijeh](http://feross.org), and other contributors. Originally forked from an MIT-licensed module by Romain Beauxis.

Copyright (c) Feross Aboukhadijeh, and other contributors.

---------- (separator) ----------

== Dependency

buffer

== License Type

SPDX:MIT

== Copyright

Copyright (C) [Feross Aboukhadijeh](http://feross.org), and other contributors. Originally forked from an MIT-licensed module by Romain Beauxis.

Copyright (c) Feross Aboukhadijeh, and other contributors.

---------- (separator) ----------

== Dependency

builtin-status-codes

== License Type

SPDX:MIT

== Copyright

Copyright (c) Ben Drucker <bvdrucker@gmail.com> (bendrucker.me)

---------- (separator) ----------

== Dependency

cacache

== License Type

SPDX:ISC

== Copyright

Copyright (c) npm, Inc.

---------- (separator) ----------

== Dependency

cache-base

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

call-bind

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Jordan Harband

---------- (separator) ----------

== Dependency

call-me-maybe

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Eric McCarthy

---------- (separator) ----------

== Dependency

callsites

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

camelcase

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

camelize

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 James Halliday and contributors

---------- (separator) ----------

== Dependency

caniuse-lite

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:CC-BY-4.0

== Copyright

Ben Briggs (beneb.info@gmail.com)

---------- (separator) ----------

== Dependency

ccount

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

chalk

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

character-entities-html4

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

character-entities-legacy

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

character-entities

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

character-reference-invalid

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

chardet

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2018 Dmitry Shirokov

---------- (separator) ----------

== Dependency

cheerio

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2022 The Cheerio contributors

---------- (separator) ----------

== Dependency

chokidar

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2019 Paul Miller (https://paulmillr.com), Elan Shanker

---------- (separator) ----------

== Dependency

chownr

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

chroma-js

== License Type

chroma.js - JavaScript library for color conversions

Copyright (c) 2011-2019, Gregor Aisch

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

Copyright © 1988, 2025, Oracle and/or its affiliates.

3. The name Gregor Aisch may not be used to endorse or promote products

derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL GREGOR AISCH OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,

INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,

BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY

OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING

NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE,

EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

chroma.js includes colors from colorbrewer2.org, which are released under

the following license:

Copyright (c) 2002 Cynthia Brewer, Mark Harrower,

and The Pennsylvania State University.

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing,

software distributed under the License is distributed on an

"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,

either express or implied. See the License for the specific

language governing permissions and limitations under the License.

Named colors are taken from X11 Color Names.

http://www.w3.org/TR/css3-color/#svg-color

@preserve

== Copyright

Copyright (c) 2002 Cynthia Brewer, Mark Harrower,

Copyright (c) 2002 Cynthia Brewer, Mark Harrower, and The

Copyright (c) 2011-2019, Gregor Aisch

---------- (separator) ----------

== Dependency

chrome-trace-event

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Joyent Inc. All rights reserved.

---------- (separator) ----------

== Dependency

ci-info

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016-2021 Thomas Watson Steen

---------- (separator) ----------

== Dependency

cipher-base

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2017 crypto-browserify contributors

---------- (separator) ----------

== Dependency

cjs-module-lexer

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2012-2018 by various contributors (see AUTHORS)

Copyright (C) 2018-2020 Guy Bedford

---------- (separator) ----------

== Dependency

class-utils

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, 2017-2018, Jon Schlinkert.

Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

classnames

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018

Copyright (c) 2018 Jed Watson

Copyright (c) 2018 Jed Watson.

---------- (separator) ----------

== Dependency

clean-stack

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

clean-webpack-plugin

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 John Agan

---------- (separator) ----------

== Dependency

cli-cursor

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

cli-width

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2015, Ilya Radchenko <ilya@burstcreations.com>

---------- (separator) ----------

== Dependency

cliui

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:ISC

== Copyright

Copyright (c) 2015, Contributors

---------- (separator) ----------

== Dependency

clone-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

clone-stats

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Hugh Kennedy

---------- (separator) ----------

== Dependency

clone

== License Type

SPDX:MIT

== Copyright

Copyright © 2011-2015 Paul Vorbach <paul@vorba.ch>

Copyright © 2011-2016 [Paul Vorbach](https://paul.vorba.ch/) and

---------- (separator) ----------

== Dependency

cloneable-readable

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Matteo Collina

---------- (separator) ----------

== Dependency

co

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 TJ Holowaychuk <tj@vision-media.ca>

---------- (separator) ----------

== Dependency

collapse-white-space

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

collect-v8-coverage

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Simen Bekkhus

---------- (separator) ----------

== Dependency

collection-visit

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2015, 2017, Jon Schlinkert

Copyright (c) 2015, 2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

color-convert

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011-2016 Heather Arthur <fayearthur@gmail.com>

---------- (separator) ----------

== Dependency

color-name

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Dmitry Ivanov

---------- (separator) ----------

== Dependency

color-string

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Heather Arthur <fayearthur@gmail.com>

---------- (separator) ----------

== Dependency

color

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Heather Arthur

---------- (separator) ----------

== Dependency

combined-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Debuggable Limited <felix@debuggable.com>

---------- (separator) ----------

== Dependency

comma-separated-tokens

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

commander

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 TJ Holowaychuk <tj@vision-media.ca>

---------- (separator) ----------

== Dependency

commondir

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2013 James Halliday (mail@substack.net)

---------- (separator) ----------

== Dependency

component-emitter

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Component contributors <dev@component.io>

---------- (separator) ----------

== Dependency

compression-webpack-plugin

== License Type

SPDX:MIT

== Copyright

Copyright JS Foundation and other contributors

---------- (separator) ----------

== Dependency

concat-map

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 James Halliday and contributors

---------- (separator) ----------

== Dependency

concat-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Max Ogden

---------- (separator) ----------

== Dependency

console-browserify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Raynos.

---------- (separator) ----------

== Dependency

console-log-level

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2019 Thomas Watson Steen

---------- (separator) ----------

== Dependency

constants-browserify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

---------- (separator) ----------

== Dependency

convert-source-map

== License Type

SPDX:MIT

== Copyright

Copyright 2013 Thorsten Lorenz.

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

cookie

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2014 Roman Shtylman <shtylman@gmail.com>

Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

---------- (separator) ----------

== Dependency

copy-concurrently

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2017, Rebecca Turner <me@re-becca.org>

---------- (separator) ----------

== Dependency

copy-descriptor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, Jon Schlinkert.

Copyright (c) 2015-2016, Jon Schlinkert

---------- (separator) ----------

== Dependency

copy-to-clipboard

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 sudodoki <smd.deluzion@gmail.com>

---------- (separator) ----------

== Dependency

core-js-compat

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2022 Denis Pushkarev

---------- (separator) ----------

== Dependency

core-js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2022 Denis Pushkarev

---------- (separator) ----------

== Dependency

core-util-is

== License Type

SPDX:MIT

== Copyright

Copyright Node.js contributors. All rights reserved.

---------- (separator) ----------

== Dependency

corePluginStaticAssets

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

core_app_status

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

core_plugin_a

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

core_plugin_appleave

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

core_plugin_b

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

core_plugin_chromeless

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

core_plugin_route_timeouts

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

core_provider_plugin

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

cp-file

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

 Copyright © 1988, 2025, Oracle and/or its affiliates.

cpy

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

create-ecdh

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017 createECDH contributors

---------- (separator) ----------

== Dependency

create-hash

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 crypto-browserify contributors

---------- (separator) ----------

== Dependency

create-hmac

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 crypto-browserify contributors

---------- (separator) ----------

== Dependency

cross-spawn

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Made With MOXY Lda <hello@moxy.studio>

---------- (separator) ----------

== Dependency

crypto-browserify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Dominic Tarr

---------- (separator) ----------

== Dependency

css-box-model

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Alex Reardon

---------- (separator) ----------

== Dependency

css-color-keywords

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2017, Jakob Krigovsky

---------- (separator) ----------

== Dependency

css-in-js-utils

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2017 Robin Frischmann

---------- (separator) ----------

== Dependency

css-select

== License Type

Copyright (c) Felix Böhm

All rights reserved.

BSD 2-Clause License

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

css-to-react-native

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Jacob Parker and Maximilian Stoiber

Copyright © 2019 Krister Kari, Jacob Parker, and Maximilian Stoiber.

---------- (separator) ----------

== Dependency

css-tree

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2016-2019 by Roman Dvornov

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

---------- (separator) ----------

== Dependency

css-what

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

cssom

== License Type

SPDX:MIT

== Copyright

Copyright (c) Nikita Vasilyev

---------- (separator) ----------

== Dependency

cssstyle

== License Type

SPDX:MIT

== Copyright

Copyright (c) Chad Walker

---------- (separator) ----------

== Dependency

csstype

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017-2018 Fredrik Nicol

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

custom-event-polyfill

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Evan Krambuhl

---------- (separator) ----------

== Dependency

cyclist

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Mathias Buus

---------- (separator) ----------

== Dependency

d3-array

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2010-2016 Mike Bostock

Copyright 2018 Mike Bostock

---------- (separator) ----------

== Dependency

d3-cloud

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2013, Jason Davies.

Copyright 2017 Mike Bostock.

---------- (separator) ----------

== Dependency

d3-collection

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2010-2016, Mike Bostock

Copyright 2018 Mike Bostock

---------- (separator) ----------

== Dependency

d3-color

== License Type

SPDX:ISC

== Copyright

Copyright 2010-2022 Mike Bostock

---------- (separator) ----------

== Dependency

d3-dispatch

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2010-2016 Mike Bostock

Copyright 2019 Mike Bostock

---------- (separator) ----------

== Dependency

d3-format

== License Type

SPDX:BSD-3-Clause

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright 2010-2015 Mike Bostock

Copyright 2020 Mike Bostock

---------- (separator) ----------

== Dependency

d3-interpolate

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2010-2016 Mike Bostock

Copyright 2019 Mike Bostock

---------- (separator) ----------

== Dependency

d3-path

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2015-2016 Mike Bostock

Copyright 2019 Mike Bostock

---------- (separator) ----------

== Dependency

d3-scale

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2010-2015 Mike Bostock

Copyright 2017 Mike Bostock.

---------- (separator) ----------

== Dependency

d3-shape

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2010-2015 Mike Bostock

Copyright 2019 Mike Bostock

---------- (separator) ----------

== Dependency

d3-time-format

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2010-2017 Mike Bostock

Copyright 2020 Mike Bostock

---------- (separator) ----------

== Dependency

d3-time

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2010-2016 Mike Bostock

Copyright 2019 Mike Bostock

---------- (separator) ----------

== Dependency

dashboard_listing_test_plugin

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

dashify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jon Schlinkert

Copyright (c) 2015 Jon Schlinkert.

---------- (separator) ----------

== Dependency

data-urls

== License Type

SPDX:MIT

== Copyright

Copyright © 2017–2020 Domenic Denicola <d@domenic.me>

---------- (separator) ----------

== Dependency

data_search_plugin

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

debug

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2014-2017 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2018-2021 Josh Junon

---------- (separator) ----------

== Dependency

decamelize

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

decimal.js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2021 Michael Mclaughlin

Copyright (c) 2021 Michael Mclaughlin <M8ch88l@gmail.com>

---------- (separator) ----------

== Dependency

decode-uri-component

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017, Sam Verschueren <sam.verschueren@gmail.com> (github.com/SamVerschueren)

---------- (separator) ----------

== Dependency

dedent

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2015 Desmond Brand (dmnd@desmondbrand.com)

---------- (separator) ----------

== Dependency

deep-freeze-strict

== License Type

This software is released to the public domain.

It is based in part on the deepFreeze function from:

https://developer.mozilla.org/en-US/docs/JavaScript/Reference/Global_Objects/Object/freeze

https://developer.mozilla.org/en-US/docs/Project:Copyrights

== Copyright

James Friend (james@jsdf.co)

---------- (separator) ----------

== Dependency

deep-is

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2009 Thomas Robinson <280north.com>

Copyright (c) 2012 James Halliday <mail@substack.net>

Copyright (c) 2012, 2013 Thorsten Lorenz <thlorenz@gmx.de>

---------- (separator) ----------

== Dependency

deepmerge

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 James Halliday, Josh Duff, and other contributors

---------- (separator) ----------

== Dependency

define-properties

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

define-properties

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

define-property

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, Jon Schlinkert.

Copyright © 2015 Jon Schlinkert

---------- (separator) ----------

== Dependency

del

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

delayed-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Debuggable Limited <felix@debuggable.com>

---------- (separator) ----------

== Dependency

des.js

== License Type

SPDX:MIT

== Copyright

Copyright Fedor Indutny, 2015.

---------- (separator) ----------

== Dependency

detect-libc

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2017, 2022 Lovell Fuller

---------- (separator) ----------

== Dependency

detect-newline

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

detect-node-es

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Ilya Kantor

---------- (separator) ----------

== Dependency

diff-match-patch

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2018 The diff-match-patch Authors.

---------- (separator) ----------

== Dependency

diff-sequences

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

diff

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2009-2015, Kevin Decker <kpdecker@gmail.com>

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

diffie-hellman

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Calvin Metcalf

---------- (separator) ----------

== Dependency

dir-glob

== License Type

SPDX:MIT

== Copyright

Copyright (c) Kevin Mårtensson <kevinmartensson@gmail.com> (github.com/kevva)

---------- (separator) ----------

== Dependency

dns-sync

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 skoranga

---------- (separator) ----------

== Dependency

docViewLinksPlugin

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

docViewPlugin

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

dom-serializer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 The cheeriojs contributors

---------- (separator) ----------

== Dependency

domain-browser

== License Type

SPDX:MIT

== Copyright

Copyright © 2013+ Bevry Pty Ltd

---------- (separator) ----------

== Dependency

domelementtype

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

domexception

== License Type

 Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright © 2017 Domenic Denicola

---------- (separator) ----------

== Dependency

domhandler

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

domutils

== License Type

Copyright (c) Felix Böhm

All rights reserved.

BSD 2-Clause License

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

duplexify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Mathias Buus

---------- (separator) ----------

== Dependency

duplexify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Mathias Buus

---------- (separator) ----------

== Dependency

ejs

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2112 Matthew Eernisse (mde@fleegix.org)

---------- (separator) ----------

== Dependency

elastic-apm-http-client

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2019 Elasticsearch BV

Copyright (c) 2018 Stephen Belanger

---------- (separator) ----------

== Dependency

elastic-apm-node

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2012, Matt Robenolt

Copyright (c) 2013-2014, Thomas Watson Steen and Elasticsearch B.V.

Copyright (c) 2013-2017, Forrest L Norvell

Copyright (c) 2013-2019, Forrest L Norvell

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2015-2022, Elasticsearch B.V.

Copyright (c) 2016 Thomas Watson Steen

Copyright (c) 2016-2018 Thomas Watson Steen

Copyright (c) 2016-2019 Thomas Watson Steen

Copyright (c) 2017 Espen Hovlandsdal

Copyright (c) 2018 Mathias Buus

Copyright (c) 2020 Evan Wallace

Copyright 2011-2022 Elasticsearch B.V.

== Notices

apm-agent-nodejs

Copyright 2011-2022 Elasticsearch B.V.

Notice

This project contains several dependencies which have been vendored in

due to a need for minor changes. Where possible changes have been

contributed back to the original project.

async-listener

- **path:** lib/instrumentation/patch-async.js

- **author:** Forrest L Norvell

- **project url:** https://github.com/othiym23/async-listener

- **original file:** https://github.com/othiym23/async-listener/blob/master/index.js

- **license:** BSD-2-Clause, http://opensource.org/licenses/BSD-2-Clause

```

Copyright (c) 2013-2017, Forrest L Norvell

All rights reserved.

BSD 2-Clause License

## shimmer

- **path:** [lib/instrumentation/shimmer.js](lib/instrumentation/shimmer.js)

- **author:** Forrest L Norvell

- **project url:** https://github.com/othiym23/shimmer
```

- **original file:** https://github.com/othiym23/shimmer/blob/master/index.js

- **license:** BSD-2-Clause, http://opensource.org/licenses/BSD-2-Clause

```

Copyright (c) 2013-2019, Forrest L Norvell

All rights reserved.

BSD 2-Clause License

## process-top

- **path:** [lib/metrics/platforms/generic/process-top.js](lib/metrics/platforms/generic/process-top.js)

- **author:** Mathias Buus

- **project url:** https://github.com/mafintosh/process-top

- **original file:** https://github.com/mafintosh/process-top/blob/master/index.js

- **license:** MIT License (MIT), http://opensource.org/licenses/MIT

```

Copyright (c) 2018 Mathias Buus

MIT License

opentelemetry-js

- **path:** lib/instrumentation/run-context/

- **author:** OpenTelemetry Authors

- **project url:** https://github.com/open-telemetry/opentelemetry-js

- **original file:** https://github.com/open-telemetry/opentelemetry-js/tree/main/packages/opentelemetry-context-async-hooks/src

- **license:** Apache License 2.0, https://github.com/open-telemetry/opentelemetry-js/blob/main/packages/opentelemetry-context-async-hooks/LICENSE

Parts of "lib/instrumentation/run-context" have been adapted from or influenced

by TypeScript code in `@opentelemetry/context-async-hooks`.

- **path:** lib/opentelemetry-bridge/otelutils.js

- **author:** OpenTelemetry Authors

- **project url:** https://github.com/open-telemetry/opentelemetry-js

- **original file:** https://github.com/open-telemetry/opentelemetry-js/tree/main/packages/opentelemetry-core/src/common/time.ts

 Copyright © 1988, 2025, Oracle and/or its affiliates.

- **license:** Apache License 2.0, https://github.com/open-telemetry/opentelemetry-js/blob/main/packages/opentelemetry-core/LICENSE

"lib/opentelemetry-bridge/opentelemetry-core-mini/" includes files adapted from

code in `@opentelemetry/core`.

- **path:** lib/opentelemetry-bridge/opentelemetry-core-mini/

- **author:** OpenTelemetry Authors

- **project url:** https://github.com/open-telemetry/opentelemetry-js

- **original file:** https://github.com/open-telemetry/opentelemetry-js/tree/main/packages/opentelemetry-core/src/

- **license:** Apache License 2.0, https://github.com/open-telemetry/opentelemetry-js/blob/main/packages/opentelemetry-core/LICENSE

```

Apache License

Apache License, Version 2.0

## load-source-map

- **path:** [lib/load-source-map.js](lib/load-source-map.js)

- **author:** Espen Hovlandsdal

- **project url:** https://github.com/rexxars/load-source-map

- **original file:** https://github.com/rexxars/load-source-map/blob/v2.0.0/lib/index.js

- **license:** MIT License (MIT), http://opensource.org/licenses/MIT

```

The MIT License (MIT)

Copyright (c) 2017 Espen Hovlandsdal

MIT License

esbuild

A small part of esbuild's runtime JS code is used in this project's

"lib/propwrap.js" module.

- **path:** lib/propwrap.js

- **author:** Evan Wallace

- **project url:** https://github.com/evanw/esbuild

- **original file:** https://github.com/evanw/esbuild/blob/v0.14.42/internal/runtime/runtime.go

- **license:** MIT License (MIT), http://opensource.org/licenses/MIT

```

MIT License

Copyright (c) 2020 Evan Wallace

MIT License

## @types/aws-lambda

A subset of `@types/aws-lambda` is vendored to support this project's TypeScript

types without required users to install the extra dependency.

- **path:** [types/aws-lambda.d.ts](types/aws-lambda.d.ts)

- **project url:** https://github.com/DefinitelyTyped/DefinitelyTyped

- **original file:** https://github.com/DefinitelyTyped/DefinitelyTyped/blob/master/types/aws-lambda/handler.d.ts

- **license:** MIT License (MIT), http://opensource.org/licenses/MIT

```

This project is licensed under the MIT license.

Copyrights are respective of each contributor listed at the beginning of each definition file.

MIT License

require-in-the-middle

- **path:** lib/ritm.js

- **author:** Thomas Watson Steen

- **project url:** https://github.com/elastic/require-in-the-middle

- **original file:** https://github.com/elastic/require-in-the-middle/blob/v5.2.0/index.js

- **license:** MIT License (MIT), http://opensource.org/licenses/MIT

```

The MIT License (MIT)

Copyright (c) 2016-2019 Thomas Watson Steen

MIT License

---------- (separator) ----------

== Dependency

 Copyright © 1988, 2025, Oracle and/or its affiliates.
```

elasticsearch

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2013 Elasticsearch BV

--------------------------------- (separator) ---------------------------------

== Dependency

electron-to-chromium

== License Type

SPDX:ISC

== Copyright

Copyright 2018 Kilian Valkhof

--------------------------------- (separator) ---------------------------------

== Dependency

elliptic

== License Type

SPDX:MIT

== Copyright

Copyright Fedor Indutny, 2014.

--------------------------------- (separator) ---------------------------------

== Dependency

emittery

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

--------------------------------- (separator) ---------------------------------

== Dependency

emoji-regex

== License Type

SPDX:MIT

== Copyright

Copyright Mathias Bynens <https://mathiasbynens.be/>

---------- (separator) ----------

== Dependency

emojis-list

== License Type

SPDX:MIT

== Copyright

Copyright © 2015 Kiko Beats

---------- (separator) ----------

== Dependency

emoticon

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

end-of-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Mathias Buus

---------- (separator) ----------

== Dependency

enhanced-resolve

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2012-2016 Tobias Koppers

---------- (separator) ----------

== Dependency

entities

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

errno

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2015 [Rod Vagg](https://github.com/rvagg) ([@rvagg](https://twitter.com/rvagg))*

---------- (separator) ----------

== Dependency

error-callsites

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2020 Thomas Watson Steen

---------- (separator) ----------

== Dependency

error-ex

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 JD Ballard

---------- (separator) ----------

== Dependency

error-stack-parser

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Eric Wendelin and other contributors

---------- (separator) ----------

== Dependency

es-abstract

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

es-abstract

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

es-to-primitive

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

es6-promise

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors

Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors (Conversion to ES6 API by Jake Archibald)

---------- (separator) ----------

== Dependency

es6-promisify

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

escalade

== License Type

SPDX:MIT

== Copyright

Copyright (c) Luke Edwards <luke.edwards05@gmail.com> (lukeed.com)

---------- (separator) ----------

== Dependency

escape-string-regexp

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

escape-string-regexp

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

escape-string-regexp

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

escodegen

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (C) 2011-2012 Ariya Hidayat <ariya.hidayat@gmail.com>

Copyright (C) 2012 Arpad Borsos <arpad.borsos@googlemail.com>

Copyright (C) 2012 John Freeman <jfreeman08@gmail.com>

Copyright (C) 2012 Joost-Wim Boekesteijn <joost-wim@boekesteijn.nl>

Copyright (C) 2012 Kris Kowal <kris.kowal@cixar.com>

Copyright (C) 2012 Robert Gust-Bardon <donate@robert.gust-bardon.org>

Copyright (C) 2012 Yusuke Suzuki (twitter: @Constellation) and other contributors.

Copyright (C) 2012 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (C) 2012 [Yusuke Suzuki](http://github.com/Constellation)

Copyright (C) 2012-2013 Mathias Bynens <mathias@qiwi.be>

Copyright (C) 2012-2013 Michael Ficarra <escodegen.copyright@michael.ficarra.me>

Copyright (C) 2012-2014 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2013 Irakli Gozalishvili <rfobic@gmail.com>

Copyright (C) 2014 Ivan Nikulin <ifaaan@gmail.com>

Copyright (C) 2015 Ingvar Stepanyan <me@rreverser.com>

---------- (separator) ----------

== Dependency

eslint-import-resolver-node

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

eslint-import-resolver-webpack

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

eslint-module-utils

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

eslint-scope

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (C) 2012-2013 Yusuke Suzuki (twitter: @Constellation) and other contributors.

Copyright (C) 2012-2014 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2013 Alex Seville <hi@alexanderseville.com>

Copyright (C) 2014 Thiago de Arruda <tpadilha84@gmail.com>

Copyright (C) 2015 Yusuke Suzuki <utatane.tea@gmail.com>

---------- (separator) ----------

== Dependency

esprima

== License Type

SPDX:BSD-2-Clause

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

esrecurse

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (C) 2014 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2014 [Yusuke Suzuki](https://github.com/Constellation)

---------- (separator) ----------

== Dependency

estraverse

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:BSD-2-Clause

== Copyright

Copyright (C) 2012 Ariya Hidayat <ariya.hidayat@gmail.com>

Copyright (C) 2012-2013 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2012-2016 [Yusuke Suzuki](http://github.com/Constellation)

Copyright (C) 2014 Yusuke Suzuki <utatane.tea@gmail.com>

---------- (separator) ----------

== Dependency

estraverse

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (C) 2012 Ariya Hidayat <ariya.hidayat@gmail.com>

Copyright (C) 2012-2013 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2012-2016 [Yusuke Suzuki](http://github.com/Constellation)

Copyright (C) 2014 Yusuke Suzuki <utatane.tea@gmail.com>

---------- (separator) ----------

== Dependency

esutils

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (C) 2013 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2013 [Yusuke Suzuki](http://github.com/Constellation)

Copyright (C) 2013-2014 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2014 Ivan Nikulin <ifaaan@gmail.com>

---------- (separator) ----------

== Dependency

event-target-shim

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Toru Nagashima

copyright 2015 Toru Nagashima. All rights reserved.

---------- (separator) ----------

== Dependency

events

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

events

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

evp_bytestokey

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 crypto-browserify contributors

---------- (separator) ----------

== Dependency

execa

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

execa

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

exit-hook

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

expand-brackets

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2016, Jon Schlinkert

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

expect

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2008-2016 Pivotal Labs

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

expiry-js

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

extend-shallow

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, 2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

extend-shallow

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, 2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

extend

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Stefan Thomas

---------- (separator) ----------

== Dependency

external-editor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Kevin Gravier

Copyright (c) 2016-2018 Kevin Gravier

---------- (separator) ----------

== Dependency

extglob

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

fast-deep-equal

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Evgeny Poberezkin

---------- (separator) ----------

== Dependency

fast-glob

== License Type

SPDX:MIT

== Copyright

Copyright (c) Denis Malinochkin

---------- (separator) ----------

== Dependency

fast-glob

== License Type

SPDX:MIT

== Copyright

Copyright (c) Denis Malinochkin

---------- (separator) ----------

== Dependency

fast-json-stable-stringify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 James Halliday

Copyright (c) 2017 Evgeny Poberezkin

---------- (separator) ----------

== Dependency

fast-json-stringify

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2016-2018 Matteo Collina

---------- (separator) ----------

== Dependency

fast-levenshtein

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 [Ramesh Nair](http://www.hiddentao.com/)

---------- (separator) ----------

== Dependency

fast-redact

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019-2020 David Mark Clements

---------- (separator) ----------

== Dependency

fast-safe-stringify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 David Mark Clements

Copyright (c) 2017 David Mark Clements & Matteo Collina

Copyright (c) 2018 David Mark Clements, Matteo Collina & Ruben Bridgewater

---------- (separator) ----------

== Dependency

fast-shallow-equal

== License Type

SPDX:Unlicense

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

fast-stream-to-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Thomas Watson Steen

---------- (separator) ----------

== Dependency

fastest-stable-stringify

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

fastq

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2015-2020, Matteo Collina <matteo.collina@gmail.com>

---------- (separator) ----------

== Dependency

fb-watchman

== License Type

SPDX:Apache-2.0

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2014-present Facebook, Inc.

---------- (separator) ----------

== Dependency

fd-slicer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Andrew Kelley

---------- (separator) ----------

== Dependency

figgy-pudding

== License Type

SPDX:ISC

== Copyright

Copyright (c) npm, Inc.

---------- (separator) ----------

== Dependency

figures

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

file-selector

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Roland Groza

Copyright (c) Microsoft Corporation.

---------- (separator) ----------

== Dependency

file-uri-to-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Nathan Rajlich <nathan@tootallnate.net>

Copyright (c) 2014 Nathan Rajlich <nathan@tootallnate.net>

---------- (separator) ----------

== Dependency

filelist

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2112 Matthew Eernisse (mde@fleegix.org)

---------- (separator) ----------

== Dependency

fill-range

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, 2017, Jon Schlinkert.

Copyright (c) 2014-2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

fill-range

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, 2017, Jon Schlinkert.

Copyright (c) 2014-2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

filter-obj

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

find-cache-dir

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

find-cache-dir

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

find-root

== License Type

SPDX:MIT

== Copyright

Copyright © 2017 jsdnxx

---------- (separator) ----------

== Dependency

find-up

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

find-up

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

find-up

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

find-up

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

flat

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Hugh Kennedy

---------- (separator) ----------

== Dependency

flatstr

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 David Mark Clements

---------- (separator) ----------

== Dependency

flush-write-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Mathias Buus

---------- (separator) ----------

== Dependency

focus-lock

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Anton

---------- (separator) ----------

== Dependency

follow-redirects

== License Type

SPDX:MIT

== Copyright

Copyright 2014–present Olivier Lalonde <olalonde@gmail.com>, James Talmage <james@talmage.io>, Ruben Verborgh

---------- (separator) ----------

== Dependency

font-awesome

== License Type

SPDX:MIT

== Copyright

Dave Gandy (dave@fontawesome.io)

---------- (separator) ----------

== Dependency

for-each

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Raynos.

---------- (separator) ----------

== Dependency

for-in

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2014-2017, Jon Schlinkert

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

foreach

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Manuel Stofer

---------- (separator) ----------

== Dependency

form-data

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Felix Geisendörfer (felix@debuggable.com) and contributors

---------- (separator) ----------

== Dependency

form-data

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Felix Geisendörfer (felix@debuggable.com) and contributors

---------- (separator) ----------

== Dependency

forwarded-parse

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Luigi Pinca

---------- (separator) ----------

== Dependency

fp-ts

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017-present Giulio Canti

---------- (separator) ----------

== Dependency

fraction.js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2019, [Robert Eisele](https://www.xarg.org/)

Copyright (c) 2017 Robert Eisele

Copyright (c) 2021, Robert Eisele (robert@xarg.org)

---------- (separator) ----------

== Dependency

fragment-cache

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016-2017, Jon Schlinkert

Copyright (c) 2016-2017, Jon Schlinkert.

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

from2

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Hugh Kennedy

---------- (separator) ----------

== Dependency

fs-constants

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Mathias Buus

---------- (separator) ----------

== Dependency

fs-minipass

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

fs-mkdirp-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors (Originally based on code from node-mkdirp - MIT/X11 license - Copyright 2010 James Halliday)

Copyright 2010 James Halliday) with heavy modification to better support custom modes.

---------- (separator) ----------

== Dependency

fs-readdir-recursive

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jonathan Ong me@jongleberry.com

---------- (separator) ----------

== Dependency

fs-write-stream-atomic

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

fs.realpath

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

fsevents

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2010-2020 by Philipp Dunkel, Ben Noordhuis, Elan Shankar, Paul Miller

Copyright (C) 2010-2020 by Philipp Dunkel, Ben Noordhuis, Elan Shankar, Paul Miller — see LICENSE file.

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

fsevents

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2010-2020 by Philipp Dunkel, Ben Noordhuis, Elan Shankar, Paul Miller

Copyright (C) 2010-2020 by Philipp Dunkel, Ben Noordhuis, Elan Shankar, Paul Miller — see LICENSE file.

---------- (separator) ----------

== Dependency

function-bind

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Raynos.

---------- (separator) ----------

== Dependency

function.prototype.name

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Jordan Harband

---------- (separator) ----------

== Dependency

functions-have-names

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

gensync

== License Type

SPDX:MIT

== Copyright

Copyright 2018 Logan Smyth <loganfsmyth@gmail.com>

---------- (separator) ----------

== Dependency

get-caller-file

== License Type

SPDX:ISC

== Copyright

Copyright 2018 Stefan Penner

---------- (separator) ----------

== Dependency

get-intrinsic

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Jordan Harband

---------- (separator) ----------

== Dependency

get-intrinsic

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Jordan Harband

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

get-nonce

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Anton Korzunov

---------- (separator) ----------

== Dependency

get-package-type

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 CFWare, LLC

---------- (separator) ----------

== Dependency

get-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

get-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

get-symbol-description

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2021 Inspect JS

---------- (separator) ----------

== Dependency

get-value

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, Jon Schlinkert.

Copyright (c) 2014-2016, Jon Schlinkert.

---------- (separator) ----------

== Dependency

get-value

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, Jon Schlinkert.

Copyright (c) 2014-2016, Jon Schlinkert.

---------- (separator) ----------

== Dependency

getopts

== License Type

SPDX:MIT

== Copyright

Copyright © Jorge Bucaran <<https://jorgebucaran.com>>

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

getos

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 William Blankenship

---------- (separator) ----------

== Dependency

glob-all

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

glob-parent

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2015, 2019 Elan Shanker, 2021 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

glob-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

glob-to-regexp

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2013, Nick Fitzgerald

---------- (separator) ----------

== Dependency

glob-to-regexp

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2013, Nick Fitzgerald

---------- (separator) ----------

== Dependency

glob

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

globals

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

globby

 Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

globby

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

globby

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

graceful-fs

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2011-2022 Isaac Z. Schlueter, Ben Noordhuis, and Contributors

---------- (separator) ----------

== Dependency

gulp-zip

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

handlebars

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2011-2019 by Yehuda Katz

---------- (separator) ----------

== Dependency

has-ansi

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

has-bigints

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

has-bigints

== License Type

SPDX:MIT

 Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

has-flag

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

has-flag

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

has-glob

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, Jon Schlinkert.

Copyright (c) 2015-2016, Jon Schlinkert

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

has-property-descriptors

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2022 Inspect JS

---------- (separator) ----------

== Dependency

has-symbols

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Jordan Harband

---------- (separator) ----------

== Dependency

has-tostringtag

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2021 Inspect JS

---------- (separator) ----------

== Dependency

has-value

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

has-value

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

has-values

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, 2017, Jon Schlinkert.

Copyright (c) 2014-2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

has-values

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, 2017, Jon Schlinkert.

Copyright (c) 2014-2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

has

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Thiago de Arruda

---------- (separator) ----------

== Dependency

hash-base

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Kirill Fomichev

---------- (separator) ----------

== Dependency

hash.js

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

hast-to-hyperscript

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

hast-util-from-parse5

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

hast-util-is-element

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

hast-util-parse-selector

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

hast-util-raw

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

hast-util-to-html

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

hast-util-to-parse5

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

hast-util-whitespace

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

hastscript

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

he

== License Type

SPDX:MIT

== Copyright

Copyright Mathias Bynens <https://mathiasbynens.be/>

---------- (separator) ----------

 Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

history

== License Type

SPDX:MIT

== Copyright

Copyright (c) React Training 2016-2018

---------- (separator) ----------

== Dependency

hjson

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017 Christian Zangl

Copyright 2014-2017 Christian Zangl, MIT license

---------- (separator) ----------

== Dependency

hmac-drbg

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

hoek

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2011, Yahoo Inc.

Copyright (c) 2011-2014, Walmart

Copyright (c) 2011-2018, Project contributors

---------- (separator) ----------

== Dependency

hoist-non-react-statics

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2015, Yahoo! Inc. All rights reserved.

Copyright 2015, Yahoo! Inc.

---------- (separator) ----------

== Dependency

hpagent

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Tomas Della Vedova

---------- (separator) ----------

== Dependency

hpagent

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Tomas Della Vedova

---------- (separator) ----------

== Dependency

html-encoding-sniffer

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright © 2016–2020 Domenic Denicola <d@domenic.me>

---------- (separator) ----------

== Dependency

html-void-elements

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

htmlparser2

== License Type

SPDX:MIT

== Copyright

Copyright 2010, 2011, Chris Winberry <chris@winberry.net>. All rights reserved.

---------- (separator) ----------

== Dependency

http-aws-es

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017 Geoff Wagstaff

---------- (separator) ----------

== Dependency

http-headers

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017 Thomas Watson Steen

---------- (separator) ----------

== Dependency

http-proxy-agent

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Nathan Rajlich <nathan@tootallnate.net>

---------- (separator) ----------

== Dependency

http-proxy-agent

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Nathan Rajlich <nathan@tootallnate.net>

---------- (separator) ----------

== Dependency

https-browserify

== License Type

SPDX:MIT

== Copyright

Copyright (c) James Halliday

---------- (separator) ----------

== Dependency

https-proxy-agent

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Nathan Rajlich <nathan@tootallnate.net>

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

human-signals

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 ehmicky <ehmicky@gmail.com>

---------- (separator) ----------

== Dependency

human-signals

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 ehmicky <ehmicky@gmail.com>

---------- (separator) ----------

== Dependency

humanize-ms

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

hyphenate-style-name

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2015, Espen Hovlandsdal

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

iconv-lite

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Alexander Shtuchkin

Copyright (c) Microsoft Corporation. All rights reserved.

---------- (separator) ----------

== Dependency

ieee754

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2008, Fair Oaks Labs, Inc.

Copyright 2008 Fair Oaks Labs, Inc.

---------- (separator) ----------

== Dependency

ieee754

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2008, Fair Oaks Labs, Inc.

Copyright 2008 Fair Oaks Labs, Inc.

---------- (separator) ----------

== Dependency

iferr

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Nadav Ivgi

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

ignore

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Kael Zhang <i@kael.me>, contributors

---------- (separator) ----------

== Dependency

ignore

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Kael Zhang <i@kael.me>, contributors

---------- (separator) ----------

== Dependency

immer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Michel Weststrate

---------- (separator) ----------

== Dependency

imurmurhash

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Gary Court, Jens Taylor

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

indent-string

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

index_patterns_test_plugin

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

infer-owner

== License Type

SPDX:ISC

== Copyright

Copyright (c) npm, Inc. and Contributors

---------- (separator) ----------

== Dependency

inflight

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

inherits

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter

---------- (separator) ----------

== Dependency

inherits

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter

---------- (separator) ----------

== Dependency

inherits

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter

---------- (separator) ----------

== Dependency

inline-style-parser

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

inline-style-prefixer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Robin Frischmann

---------- (separator) ----------

== Dependency

inline-style

== License Type

SPDX:MIT

== Copyright

Copyright (c) Ellen Gummesson

---------- (separator) ----------

== Dependency

inquirer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Simon Boudrias

Copyright (c) 2016 Simon Boudrias (twitter: [@vaxilart](https://twitter.com/Vaxilart))

---------- (separator) ----------

== Dependency

internal-slot

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

interpret

 Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2018 Tyler Kellen <tyler@sleekcode.net>, Blaine Bublitz <blaine.bublitz@gmail.com>, and Eric Schoffstall <yo@contra.io>

---------- (separator) ----------

== Dependency

intl-format-cache

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Yahoo! Inc. All rights reserved.

Copyright 2014 Yahoo! Inc.

---------- (separator) ----------

== Dependency

intl-messageformat-parser

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2014 Alex Sexton

Copyright 2014 Yahoo! Inc.

---------- (separator) ----------

== Dependency

intl-messageformat

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012, Andreas Lind Petersen

Copyright (c) 2014, Yahoo! Inc. All rights reserved.

Copyright 2013 Andy Earnshaw, MIT License

Copyright 2013 Yahoo! Inc.

---------- (separator) ----------

== Dependency

intl-relativeformat

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012, Andreas Lind Petersen

Copyright (c) 2014, Yahoo! Inc. All rights reserved.

Copyright 2013 Andy Earnshaw, MIT License

Copyright 2014 Yahoo! Inc.

---------- (separator) ----------

== Dependency

invariant

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

---------- (separator) ----------

== Dependency

ip-address

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2011 by Beau Gunderson

---------- (separator) ----------

== Dependency

ip-cidr

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2005 Tom Wu

Copyright (c) 2005-2009 Tom Wu

---------- (separator) ----------

== Dependency

is-absolute

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2009-2014, TJ Holowaychuk

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-accessor-descriptor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-accessor-descriptor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-alphabetical

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

is-alphanumerical

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

is-arguments

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jordan Harband

---------- (separator) ----------

== Dependency

is-arrayish

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 JD Ballard

---------- (separator) ----------

 Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

is-arrayish

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 JD Ballard

---------- (separator) ----------

== Dependency

is-bigint

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Jordan Harband

---------- (separator) ----------

== Dependency

is-binary-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com), Paul Miller (https://paulmillr.com)

---------- (separator) ----------

== Dependency

is-binary-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com), Paul Miller (https://paulmillr.com)

---------- (separator) ----------

== Dependency

is-boolean-object

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (C) [Feross Aboukhadijeh](http://feross.org).

Copyright (c) Feross Aboukhadijeh

---------- (separator) ----------

== Dependency

is-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (C) [Feross Aboukhadijeh](http://feross.org).

Copyright (c) Feross Aboukhadijeh

---------- (separator) ----------

== Dependency

is-callable

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

is-core-module

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Dave Justice

---------- (separator) ----------

== Dependency

is-data-descriptor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-data-descriptor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-date-object

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-decimal

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

is-descriptor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-descriptor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-extendable

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2015, Jon Schlinkert.

Copyright © 2015 Jon Schlinkert

---------- (separator) ----------

== Dependency

is-extendable

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, Jon Schlinkert.

Copyright © 2015 Jon Schlinkert

---------- (separator) ----------

== Dependency

is-extglob

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2016, Jon Schlinkert

Copyright (c) 2014-2016, Jon Schlinkert.

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-finite

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

is-fullwidth-code-point

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

is-generator-fn

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

is-generator-function

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jordan Harband

---------- (separator) ----------

== Dependency

is-glob

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

is-glob

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-hexadecimal

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

is-integer

== License Type

SPDX:WTFPL

== Copyright

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

Copyright (C) 2004 Sam Hocevar \<sam@hocevar.net>

---------- (separator) ----------

== Dependency

is-native

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 W.Y.

---------- (separator) ----------

== Dependency

is-negated-glob

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Jon Schlinkert

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-negative-zero

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jordan Harband

---------- (separator) ----------

== Dependency

is-nil

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 W.Y.

---------- (separator) ----------

== Dependency

is-number-object

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

is-number

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, Jon Schlinkert.

Copyright (c) 2014-2016, Jon Schlinkert

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-number

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, Jon Schlinkert.

Copyright (c) 2014-2016, Jon Schlinkert

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-path-cwd

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

is-path-in-cwd

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

is-path-inside

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

is-path-inside

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

is-plain-obj

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

is-plain-object

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-potential-custom-element-name

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

is-primitive

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-regex

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jordan Harband

---------- (separator) ----------

== Dependency

is-relative

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-shared-array-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2021 Inspect JS

---------- (separator) ----------

== Dependency

is-shared-array-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2021 Inspect JS

---------- (separator) ----------

== Dependency

is-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

is-string

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-symbol

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-typed-array

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-typed-array

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-typedarray

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

is-unc-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-unicode-supported

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

is-utf8

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2014 Wei Fanzhe

---------- (separator) ----------

== Dependency

is-valid-glob

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2015-2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-weakref

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Inspect JS

---------- (separator) ----------

== Dependency

is-whitespace-character

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

is-windows

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2018, Jon Schlinkert.

Copyright © 2015-2018, Jon Schlinkert.

Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

is-word-character

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

is-wsl

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

isarray

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

---------- (separator) ----------

== Dependency

isarray

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

---------- (separator) ----------

== Dependency

isemail

== License Type

SPDX:BSD-3-Clause

 Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2008-2011, Dominic Sayers

Copyright (c) 2013-2014, GlobeSherpa

Copyright (c) 2014-2015, Eli Skeggs and Project contributors

---------- (separator) ----------

== Dependency

isexe

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

isobject

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

isobject

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

istanbul-lib-coverage

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2012-2015 Yahoo! Inc.

Copyright 2012-2015, Yahoo Inc.

---------- (separator) ----------

== Dependency

istanbul-lib-instrument

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright 2012-2015 Yahoo! Inc.

Copyright 2012-2015, Yahoo Inc.

---------- (separator) ----------

== Dependency

jake

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2112 Matthew Eernisse (mde@fleegix.org)

---------- (separator) ----------

== Dependency

jest-circus

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

jest-config

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-diff

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

Copyright 2018 The diff-match-patch Authors.

---------- (separator) ----------

== Dependency

jest-docblock

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-each

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

--------------------------------- (separator) ---------------------------------

== Dependency

jest-environment-jsdom

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

--------------------------------- (separator) ---------------------------------

== Dependency

jest-environment-node

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

--------------------------------- (separator) ---------------------------------

== Dependency

jest-get-type

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

--------------------------------- (separator) ---------------------------------

== Dependency

 Copyright © 1988, 2025, Oracle and/or its affiliates.

jest-haste-map

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-jasmine2

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-leak-detector

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-matcher-utils

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-message-util

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-mock

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-pnp-resolver

== License Type

SPDX:MIT

== Copyright

Copyright © 2016 Maël Nison**

---------- (separator) ----------

== Dependency

jest-regex-util

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-resolve

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-runner

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-runtime

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-serializer

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-snapshot

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-util

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-validate

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

jest-worker

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jest-worker

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

jmespath

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 James Saryerwinnie

---------- (separator) ----------

== Dependency

joi

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart

Copyright (c) 2012-2018, Project contributors

---------- (separator) ----------

== Dependency

jquery

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

js-cookie

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Copyright 2018 Klaus Hartl, Fagner Brack, GitHub Contributors

Copyright 2006, 2015 Klaus Hartl & Fagner Brack

---------- (separator) ----------

== Dependency

js-tokens

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014, 2015, 2016, 2017, 2018 Simon Lydell

Copyright 2014, 2015, 2016, 2017, 2018 Simon Lydell

---------- (separator) ----------

== Dependency

js-yaml

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (C) 2011-2015 by Vitaly Puzrin

---------- (separator) ----------

== Dependency

js-yaml

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2011-2015 by Vitaly Puzrin

---------- (separator) ----------

== Dependency

jsbn

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2003-2005 Tom Wu

Copyright (c) 2005 Tom Wu

Copyright (c) 2005-2009 Tom Wu

---------- (separator) ----------

== Dependency

jsdom

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2000 Lars Knoll (knoll@kde.org)

Copyright (C) 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Apple Inc. All rights reserved.

Copyright (c) 2010 Elijah Insua

---------- (separator) ----------

== Dependency

jsesc

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

jsesc

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

json-parse-better-errors

== License Type

SPDX:MIT

== Copyright

Copyright 2017 Kat Marchán

---------- (separator) ----------

== Dependency

json-parse-even-better-errors

== License Type

SPDX:MIT

== Copyright

Copyright 2017 Kat Marchán

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

json-schema-traverse

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Evgeny Poberezkin

---------- (separator) ----------

== Dependency

json-schema-traverse

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Evgeny Poberezkin

---------- (separator) ----------

== Dependency

json-schema

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2005-2015, The Dojo Foundation

---------- (separator) ----------

== Dependency

json-stable-stringify-without-jsonify

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

json-stable-stringify

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

json-stringify-safe

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

json5

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2018 Aseem Kishore, and [others].

---------- (separator) ----------

== Dependency

jsonify

== License Type

SPDX:MIT

== Copyright

Douglas Crockford (http://crockford.com/)

---------- (separator) ----------

== Dependency

jsonparse

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2011-2012 Tim Caswell

Copyright (c) 2012 Tim Caswell

---------- (separator) ----------

== Dependency

junk

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

kind-of

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright © 2020, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

lazystream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 J. Pommerening, contributors.

---------- (separator) ----------

== Dependency

lead

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

leven

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

levn

== License Type

SPDX:MIT

== Copyright

Copyright (c) George Zahariev

---------- (separator) ----------

== Dependency

lines-and-columns

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Brian Donovan

---------- (separator) ----------

== Dependency

linkify-it

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2015 Vitaly Puzrin.

---------- (separator) ----------

== Dependency

lmdb

== License Type

SPDX:MIT

== Copyright

Copyright (C) Yann Collet 2011-2020

Copyright (C) Yann Collet 2016-2020

Copyright (c) 2011-2020, Yann Collet

Copyright (c) 2014 Timur Kristóf](https://github.com/venemo/node-lmdb/)) and LMDB, which has a specific [OpenLDAP license](dependencies/lmdb/libraries/liblmdb/LICENSE),

Copyright 1999-2003 The OpenLDAP Foundation, Redwood City,

Copyright 2012-2021 Howard Chu, Symas Corp.

---------- (separator) ----------

== Dependency

load-json-file

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

loader-runner

== License Type

SPDX:MIT

== Copyright

Copyright (c) Tobias Koppers @sokra

---------- (separator) ----------

== Dependency

loader-utils

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

locate-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

locate-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

locate-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

locate-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

lodash.assignin

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.bind

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.debounce

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.defaults

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.filter

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.find

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.flatten

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.foreach

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.get

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.isequal

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.map

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.max

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.merge

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.padstart

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.pick

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.reduce

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.reject

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.repeat

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.some

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash.sortby

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

(no copyright notices found)

---------- (separator) ----------

== Dependency

lodash

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

log-symbols

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

long

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2009 The Closure Library Authors

Copyright 2020 Daniel Wirtz / The long.js Authors.

---------- (separator) ----------

== Dependency

loose-envify

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2015 Andres Suarez <zertosh@gmail.com>

---------- (separator) ----------

== Dependency

lru-cache

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

lru-cache

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

lru-cache

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

make-dir

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

make-dir

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

makeerror

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Naitik Shah. All rights reserved.

---------- (separator) ----------

== Dependency

management_test_plugin

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

map-cache

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, Jon Schlinkert.

Copyright (c) 2015-2016, Jon Schlinkert.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

--- (separator) ---

== Dependency

map-visit

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

--- (separator) ---

== Dependency

mapcap

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Stephen Belanger

--- (separator) ---

== Dependency

markdown-escapes

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

--- (separator) ---

== Dependency

markdown-it

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Vitaly Puzrin, Alex Kocharin.

---------- (separator) ----------

== Dependency

md5.js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Kirill Fomichev

---------- (separator) ----------

== Dependency

mdast-util-definitions

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

mdast-util-to-hast

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

mdn-data

== License Type

SPDX:CC0-1.0

== Copyright

(no copyright notices found)

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

mdurl

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Vitaly Puzrin, Alex Kocharin.

---------- (separator) ----------

== Dependency

measured-core

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

measured-reporting

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

memoize-one

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Alexander Reardon

---------- (separator) ----------

== Dependency

memory-fs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2014 Tobias Koppers

---------- (separator) ----------

== Dependency

memory-fs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2014 Tobias Koppers

---------- (separator) ----------

== Dependency

memory-fs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2014 Tobias Koppers

---------- (separator) ----------

== Dependency

merge-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) Stephen Sugden <me@stephensugden.com> (stephensugden.com)

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

merge2

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2020 Teambition

---------- (separator) ----------

== Dependency

micromatch

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present, Jon Schlinkert.

Copyright © 2022, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

micromatch

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present, Jon Schlinkert.

Copyright © 2022, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

miller-rabin

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

mime-db

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>

Copyright (c) 2015-2022 Douglas Christopher Wilson <doug@somethingdoug.com>

---------- (separator) ----------

== Dependency

mime-types

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>

Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

---------- (separator) ----------

== Dependency

mimic-fn

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

mini-create-react-context

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017-2019 James Kyle <me@thejameskyle.com>

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2019-present StringEpsilon <StringEpsilon@gmail.com>

---------- (separator) ----------

== Dependency

mini-css-extract-plugin

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

minimalistic-assert

== License Type

SPDX:ISC

== Copyright

Copyright 2015 Calvin Metcalf

---------- (separator) ----------

== Dependency

minimalistic-crypto-utils

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

minimatch

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

minimist

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

minipass-collect

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

minipass-flush

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

minipass-pipeline

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

 Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

minipass

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2017-2022 npm, Inc., Isaac Z. Schlueter, and Contributors

---------- (separator) ----------

== Dependency

minipass

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2017-2022 npm, Inc., Isaac Z. Schlueter, and Contributors

---------- (separator) ----------

== Dependency

minizlib

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

mississippi

== License Type

SPDX:BSD-2-Clause

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

mixin-deep

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, 2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

mkdirp-classic

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 James Halliday (mail@substack.net) and Mathias Buus

---------- (separator) ----------

== Dependency

mkdirp

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

mkdirp

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

mocha

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011-2022 OpenJS Foundation and contributors, https://openjsf.org

---------- (separator) ----------

== Dependency

module-details-from-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Thomas Watson Steen

---------- (separator) ----------

== Dependency

moment-timezone

== License Type

SPDX:MIT

== Copyright

Copyright (c) JS Foundation and other contributors

---------- (separator) ----------

== Dependency

moment

== License Type

SPDX:MIT

== Copyright

Copyright (c) JS Foundation and other contributors

---------- (separator) ----------

== Dependency

monaco-editor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 - present Microsoft Corporation

MIT License

---------- (separator) ----------

== Dependency

monitor-event-loop-delay

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2018 Elasticsearch BV

---------- (separator) ----------

== Dependency

monocle-ts

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Giulio Canti

---------- (separator) ----------

== Dependency

move-concurrently

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2017, Rebecca Turner <me@re-becca.org>

---------- (separator) ----------

== Dependency

ms

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Vercel, Inc.

---------- (separator) ----------

== Dependency

ms

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Vercel, Inc.

---------- (separator) ----------

== Dependency

ms

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Vercel, Inc.

---------- (separator) ----------

== Dependency

msgpackr-extract

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Kris Zyp

---------- (separator) ----------

== Dependency

msgpackr

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Kris Zyp

---------- (separator) ----------

== Dependency

mustache

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2009 Chris Wanstrath (Ruby)

Copyright (c) 2010-2014 Jan Lehnardt (JavaScript)

Copyright (c) 2010-2015 The mustache.js community

---------- (separator) ----------

== Dependency

mute-stream

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

nan

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 NAN WG Members / Collaborators (listed above).

Copyright (c) 2018 NAN contributors

Copyright (c) 2018 [NAN contributors](<https://github.com/nodejs/nan#wg-members--collaborators>)

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

nano-css

== License Type

SPDX:Unlicense

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

nanoid

== License Type

SPDX:MIT

== Copyright

Copyright 2017 Andrey Sitnik <andrey@sitnik.ru>

---------- (separator) ----------

== Dependency

nanoid

== License Type

SPDX:MIT

== Copyright

Copyright 2017 Andrey Sitnik <andrey@sitnik.ru>

---------- (separator) ----------

== Dependency

nanomatch

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016-2018, Jon Schlinkert.

Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

natural-compare

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2015 Lauri Rooden <lauri@rooden.ee>

---------- (separator) ----------

== Dependency

neo-async

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2018 Suguru Motegi

---------- (separator) ----------

== Dependency

nested-error-stacks

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Matt Lavin <matt.lavin@gmail.com>

---------- (separator) ----------

== Dependency

newtype-ts

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Giulio Canti

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

next-line

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Thomas Watson Steen

---------- (separator) ----------

== Dependency

node-addon-api

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Node.js API collaborators

---------- (separator) ----------

== Dependency

node-emoji

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Daniel Bugl

---------- (separator) ----------

== Dependency

node-fetch

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 David Frank

---------- (separator) ----------

== Dependency

node-forge

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

You may use the Forge project under the terms of either the BSD License or the GNU General Public License (GPL) Version 2.

The BSD License is recommended for most projects. It is simple and easy to understand and it places almost no restrictions on what you can do with the Forge project.

If the GPL suits your project better you are also free to use Forge under that license.

You don't have to do anything special to choose one license or the other and you don't have to notify anyone which license you are using. You are free to use this project in commercial projects as long as the copyright header is left intact.

If you are a commercial entity and use this set of libraries in your commercial software then reasonable payment to Digital Bazaar, if you can afford it, is not required but is expected and would be appreciated. If this library saves you time, then it's saving you money. The cost of developing the Forge software was on the order of several hundred hours and tens of thousands of dollars. We are attempting to strike a balance between helping the development community while not being taken advantage of by lucrative commercial entities for our efforts.

New BSD License (3-clause)

Copyright (c) 2010, Digital Bazaar, Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright

 Copyright © 1988, 2025, Oracle and/or its affiliates.

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

* Neither the name of Digital Bazaar, Inc. nor the

names of its contributors may be used to endorse or promote products

derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL DIGITAL BAZAAR BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

GNU GENERAL PUBLIC LICENSE

GNU General Public License, Version 2

== Copyright

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

Copyright (C) Ellis Pritchard, Guardian Unlimited 2003.

Copyright (c) 2003-2005 Tom Wu

Copyright (c) 2005 Tom Wu

Copyright (c) 2005-2009 Tom Wu

Copyright (c) 2008-2013 Digital Bazaar, Inc.

Copyright (c) 2009-2012 Digital Bazaar, Inc.

Copyright (c) 2009-2014 Digital Bazaar, Inc.

Copyright (c) 2009-2015 Digital Bazaar, Inc.

Copyright (c) 2010, Digital Bazaar, Inc.

Copyright (c) 2010-2012 Digital Bazaar, Inc. All rights reserved.

Copyright (c) 2010-2013 Digital Bazaar, Inc.

Copyright (c) 2010-2014 Digital Bazaar, Inc.

Copyright (c) 2010-2014 Digital Bazaar, Inc. All rights reserved.

Copyright (c) 2010-2015 Digital Bazaar, Inc.

Copyright (c) 2010-2018 Digital Bazaar, Inc.

Copyright (c) 2011-2014 Digital Bazaar, Inc. All rights reserved.

Copyright (c) 2012 Kenji Urushima

Copyright (c) 2012 Stefan Siegl <stesie@brokenpipe.de>

Copyright (c) 2012-2014 Digital Bazaar, Inc.

Copyright (c) 2012-2015 Digital Bazaar, Inc.

Copyright (c) 2013 Digital Bazaar, Inc.

Copyright (c) 2013-2014 Digital Bazaar, Inc.

Copyright (c) 2014 Digital Bazaar, Inc.

Copyright (c) 2014 Lautaro Cozzani <lautaro.cozzani@scytl.com>

Copyright (c) 2014-2015 Digital Bazaar, Inc.

Copyright (c) 2017-2019 Digital Bazaar, Inc.

Copyright (c) 2019 Digital Bazaar, Inc.

Copyright 2011-2016 Digital Bazaar, Inc.

Copyright 2011-2017 Digital Bazaar, Inc.

Copyright 2012 Stefan Siegl <stesie@brokenpipe.de>

---------- (separator) ----------

== Dependency

node-gyp-build-optional-packages

== License Type

SPDX:MIT

== Copyright

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2017 Mathias Buus

---------- (separator) ----------

== Dependency

node-gyp-build-optional-packages

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Mathias Buus

---------- (separator) ----------

== Dependency

node-int64

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Robert Kieffer

Copyright (c) 2014 Robert Kieffer

---------- (separator) ----------

== Dependency

node-jose

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2003-2005 Tom Wu.

Copyright (c) 2015 Cisco Systems, Inc. See LICENSE file.

Copyright (c) 2015 Cisco Systems, Inc. See LICENSE file.

---------- (separator) ----------

== Dependency

node-libs-browser

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Tobias Koppers

---------- (separator) ----------

== Dependency

node-releases

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Sergey Rubanov (https://github.com/chicoxyzzy)

---------- (separator) ----------

== Dependency

normalize-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2018, Jon Schlinkert.

Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

normalize-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2018, Jon Schlinkert.

Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

normalize-range

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) James Talmage <james@talmage.io> (github.com/jamestalmage)

---------- (separator) ----------

== Dependency

now-and-later

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Blaine Bublitz, Eric Schoffstall and other contributors

---------- (separator) ----------

== Dependency

npm-run-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

nth-check

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

numeral

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2012 Adam Draper

Copyright (c) 2016 Adam Draper

---------- (separator) ----------

== Dependency

nwsapi

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2007-2017 Diego Perini

Copyright (C) 2007-2019 Diego Perini

Copyright (c) 2007-2019 Diego Perini (http://www.iport.it/)

---------- (separator) ----------

== Dependency

object-assign

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

object-copy

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016, Jon Schlinkert.

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

object-filter-sequence

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2018 Elasticsearch BV

---------- (separator) ----------

== Dependency

object-identity-map

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Stephen Belanger

---------- (separator) ----------

== Dependency

object-inspect

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 James Halliday

---------- (separator) ----------

== Dependency

object-inspect

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 James Halliday

---------- (separator) ----------

== Dependency

object-keys

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2013 Jordan Harband

---------- (separator) ----------

== Dependency

object-visit

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, 2017, Jon Schlinkert

Copyright (c) 2015, 2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

object.assign

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jordan Harband

---------- (separator) ----------

== Dependency

object.assign

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jordan Harband

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

object.entries

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

object.pick

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015 Jon Schlinkert, contributors.

Copyright (c) 2014-2016, Jon Schlinkert.

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

once

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

onetime

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

opensearchh_client_plugin

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

optional-js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jason A. Storey

---------- (separator) ----------

== Dependency

optionator

== License Type

SPDX:MIT

== Copyright

Copyright (c) George Zahariev

---------- (separator) ----------

== Dependency

ordered-binary

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Kris Zyp

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

ordered-read-streams

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Artem Medeusheyev

---------- (separator) ----------

== Dependency

original-url

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018-2019 Thomas Watson Steen

---------- (separator) ----------

== Dependency

os-browserify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 CoderPuppy

---------- (separator) ----------

== Dependency

os-tmpdir

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

osd_sample_panel_action

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

osd_top_nav

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

osd_tp_custom_visualizations

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

osd_tp_run_pipeline

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

p-all

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-event

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

p-filter

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-finally

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-limit

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-limit

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-limit

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-locate

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-locate

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-locate

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-locate

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-map

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

p-map

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

p-map

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

p-timeout

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-try

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-try

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

pako

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2014-2017 by Vitaly Puzrin and Andrei Tuputcyn

Copyright (c) <"year"> <"copyright holders">

---------- (separator) ----------

== Dependency

pako

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2014-2017 by Vitaly Puzrin and Andrei Tuputcyn

Copyright (c) <"year"> <"copyright holders">

---------- (separator) ----------

== Dependency

parallel-transform

== License Type

SPDX:MIT

== Copyright

Copyright 2013 Mathias Buus

---------- (separator) ----------

== Dependency

parse-asn1

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2017, crypto-browserify contributors

---------- (separator) ----------

== Dependency

parse-entities

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <mailto:tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

parse-json

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

parse-link-header

== License Type

SPDX:MIT

== Copyright

Copyright 2013 Thorsten Lorenz.

---------- (separator) ----------

== Dependency

parse5

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-2019 Ivan Nikulin (ifaaan@gmail.com, https://github.com/inikulin)

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

pascalcase

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, Jon Schlinkert.

Copyright © 2015 Jon Schlinkert

---------- (separator) ----------

== Dependency

path-browserify

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

path-exists

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

path-exists

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

path-is-absolute

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

path-is-inside

== License Type

Dual licensed under WTFPL and MIT:

Copyright © 2013–2016 Domenic Denicola <d@domenic.me>

This work is free. You can redistribute it and/or modify it under the

terms of the Do What The Fuck You Want To Public License, Version 2,

as published by Sam Hocevar. See below for more details.

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE

Version 2, December 2004

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

Everyone is permitted to copy and distribute verbatim or modified

copies of this license document, and changing it is allowed as long

as the name is changed.

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. You just DO WHAT THE FUCK YOU WANT TO.

The MIT License (MIT)

Copyright © 2013–2016 Domenic Denicola <d@domenic.me>

MIT License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

Copyright © 2013–2016 Domenic Denicola <d@domenic.me>

---------- (separator) ----------

== Dependency

path-key

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

path-parse

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Javier Blanco

---------- (separator) ----------

== Dependency

path-to-regexp

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Blake Embrey (hello@blakeembrey.com)

---------- (separator) ----------

== Dependency

path-type

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

path-type

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

pbkdf2

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Daniel Cousens

---------- (separator) ----------

== Dependency

pegjs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2010-2016 David Majda

---------- (separator) ----------

== Dependency

pend

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2014 Andrew Kelley

---------- (separator) ----------

== Dependency

picocolors

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2021 Alexey Raspopov, Kostiantyn Denysov, Anton Verinov

---------- (separator) ----------

== Dependency

picomatch

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017-present, Jon Schlinkert.

Copyright © 2017-present, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

pify

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

pify

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

pify

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

pinkie-promise

== License Type

SPDX:MIT

== Copyright

Copyright (c) Vsevolod Strukchinsky <floatdrop@gmail.com> (github.com/floatdrop)

---------- (separator) ----------

== Dependency

pinkie

== License Type

SPDX:MIT

== Copyright

Copyright (c) Vsevolod Strukchinsky <floatdrop@gmail.com> (github.com/floatdrop)

---------- (separator) ----------

== Dependency

pino-std-serializers

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

pino

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016-2019 Matteo Collina, David Mark Clements and the Pino contributors

---------- (separator) ----------

== Dependency

pirates

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016-2018 Ari Porad

---------- (separator) ----------

== Dependency

pkg-dir

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

pkg-dir

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

pkg-dir

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

plugin-error

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

posix-character-classes

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016-2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

postcss-value-parser

== License Type

SPDX:MIT

== Copyright

Copyright (c) Bogdan Chadkin <trysound@yandex.ru>

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

postcss

== License Type

SPDX:MIT

== Copyright

Copyright 2013 Andrey Sitnik <andrey@sitnik.ru>

---------- (separator) ----------

== Dependency

prelude-ls

== License Type

SPDX:MIT

== Copyright

Copyright (c) George Zahariev

---------- (separator) ----------

== Dependency

prettier

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2013 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2013-2014 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2014 Ivan Nikulin <ifaaan@gmail.com>

Copyright (c) 2014-2016, Jon Schlinkert.

Copyright (c) 2014-2017, Jon Schlinkert.

Copyright (c) 2014-2020 Teambition

Copyright (c) 2014-present, Jon Schlinkert.

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

Copyright (c) Microsoft Corporation.

Copyright 2014, 2015, 2016, 2017, 2018 Simon Lydell

Copyright © James Long and contributors

---------- (separator) ----------

== Dependency

pretty-format

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

---------- (separator) ----------

== Dependency

prismjs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Lea Verou

---------- (separator) ----------

== Dependency

process-nextick-args

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Calvin Metcalf

---------- (separator) ----------

== Dependency

process-warning

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) Fastify

---------- (separator) ----------

== Dependency

process

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Roman Shtylman <shtylman@gmail.com>

---------- (separator) ----------

== Dependency

promise-inflight

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2017, Rebecca Turner <me@re-becca.org>

---------- (separator) ----------

== Dependency

prop-types

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright (c) Facebook, Inc. and its affiliates.

---------- (separator) ----------

== Dependency

property-information

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <mailto:tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

proxy-from-env

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

prr

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Rod Vagg [@rvagg](https://twitter.com/rvagg) and licensed under the MIT licence. All rights not explicitly granted in the MIT license are reserved. See the included LICENSE.md file for more details.

Copyright (c) 2014 Rod Vagg

---------- (separator) ----------

== Dependency

pseudomap

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

psl

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2017 Lupo Montero <lupomontero@gmail.com>

Copyright (c) 2017 Lupo Montero lupomontero@gmail.com

---------- (separator) ----------

== Dependency

public-encrypt

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Calvin Metcalf

---------- (separator) ----------

== Dependency

pump

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Mathias Buus

---------- (separator) ----------

== Dependency

pump

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Mathias Buus

---------- (separator) ----------

== Dependency

pumpify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Mathias Buus

---------- (separator) ----------

== Dependency

punycode

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

punycode

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

punycode

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

qs

== License Type

SPDX:BSD-3-Clause

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2014, Nathan LaFreniere and other [contributors](https://github.com/ljharb/qs/graphs/contributors)

---------- (separator) ----------

== Dependency

query-string

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (http://sindresorhus.com)

---------- (separator) ----------

== Dependency

querystring-es3

== License Type

SPDX:MIT

== Copyright

Copyright 2012 Irakli Gozalishvili. All rights reserved.

---------- (separator) ----------

== Dependency

querystring

== License Type

SPDX:MIT

== Copyright

Copyright 2012 Irakli Gozalishvili. All rights reserved.

---------- (separator) ----------

== Dependency

querystringify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

---------- (separator) ----------

== Dependency

queue-microtask

== License Type

SPDX:MIT

== Copyright

Copyright (c) Feross Aboukhadijeh

Copyright (c) [Feross Aboukhadijeh](https://feross.org).

---------- (separator) ----------

== Dependency

quick-format-unescaped

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016-2019 David Mark Clements

---------- (separator) ----------

== Dependency

raf-schd

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2021 Alex Reardon

---------- (separator) ----------

== Dependency

randombytes

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2017 crypto-browserify

---------- (separator) ----------

== Dependency

randomfill

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 crypto-browserify

---------- (separator) ----------

== Dependency

re-reselect

== License Type

SPDX:MIT

== Copyright

Copyright (c) Andrea Carraro

---------- (separator) ----------

== Dependency

react-ace

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 James Hrisho

---------- (separator) ----------

== Dependency

react-beautiful-dnd

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright 2015, Yahoo! Inc.

Copyright 2019 Atlassian Pty Ltd

---------- (separator) ----------

== Dependency

react-clientside-effect

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Dan Abramov

---------- (separator) ----------

== Dependency

react-dom

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright (c) Facebook, Inc. and its affiliates.

---------- (separator) ----------

== Dependency

react-dropzone

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Param Aggarwal

---------- (separator) ----------

== Dependency

react-focus-lock

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2017 Anton

---------- (separator) ----------

== Dependency

react-focus-on

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Anton

---------- (separator) ----------

== Dependency

react-input-autosize

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Jed Watson

Copyright (c) 2018 Jed Watson. [MIT](LICENSE) License.

Copyright (c) Facebook, Inc. and its affiliates.

---------- (separator) ----------

== Dependency

react-input-range

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright (c) 2015 David Chin

Copyright 2013-present, Facebook, Inc.

Copyright 2014-2015, Facebook, Inc.

copyright 2015, Andrey Popp <8mayday@gmail.com>

---------- (separator) ----------

== Dependency

react-intl

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Yahoo! Inc. All rights reserved.

Copyright (c) Facebook, Inc. and its affiliates.

Copyright 2013 Andy Earnshaw, MIT License

Copyright 2013-2014, Facebook, Inc.

Copyright 2013-2015, Facebook, Inc.

Copyright 2014 Yahoo Inc.

Copyright 2015, Yahoo Inc.

Copyright 2015, Yahoo! Inc.

Copyright 2019, Yahoo Inc.

---------- (separator) ----------

== Dependency

react-is

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

---------- (separator) ----------

== Dependency

react-is

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

react-is

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

---------- (separator) ----------

== Dependency

react-redux

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright (c) 2015-present Dan Abramov

Copyright (c) Facebook, Inc. and its affiliates.

Copyright 2015, Yahoo! Inc.

---------- (separator) ----------

== Dependency

react-remove-scroll-bar

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

react-remove-scroll

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

react-router-dom

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright 2015, Yahoo! Inc.

---------- (separator) ----------

== Dependency

react-router

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright 2015, Yahoo! Inc.

---------- (separator) ----------

== Dependency

react-style-singleton

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

react-use

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:Unlicense

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

react-virtualized-auto-sizer

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

react-window

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Brian Vaughn

---------- (separator) ----------

== Dependency

react

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright (c) Facebook, Inc. and its affiliates.

---------- (separator) ----------

== Dependency

readable-stream

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

readable-stream

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

readdirp

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller (<https://paulmillr.com>)

Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller (https://paulmillr.com)

---------- (separator) ----------

== Dependency

readdirp

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller (<https://paulmillr.com>)

Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller (https://paulmillr.com)

---------- (separator) ----------

== Dependency

rechoir

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2019 Tyler Kellen <tyler@sleekcode.net>, Blaine Bublitz <blaine.bublitz@gmail.com>, and Eric Schoffstall <yo@contra.io>

---------- (separator) ----------

== Dependency

redux-thunk

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-present Dan Abramov

---------- (separator) ----------

== Dependency

redux

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-present Dan Abramov

---------- (separator) ----------

== Dependency

redux

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-present Dan Abramov

---------- (separator) ----------

== Dependency

refractor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

regenerate-unicode-properties

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

regenerate

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

regenerator-runtime

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present, Facebook, Inc.

---------- (separator) ----------

== Dependency

regenerator-transform

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2014-present, Facebook, Inc.

---------- (separator) ----------

== Dependency

regex-not

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016, 2018, Jon Schlinkert.

Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

regexp.prototype.flags

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2014 Jordan Harband

---------- (separator) ----------

== Dependency

regexpu-core

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

regjsgen

== License Type

SPDX:MIT

== Copyright

Copyright 2014-2020 Benjamin Tan <https://ofcr.se/>

---------- (separator) ----------

== Dependency

regjsparser

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) Julian Viereck and Contributors, All Rights Reserved.

---------- (separator) ----------

== Dependency

rehype-raw

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

rehype-react

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 rhysd

Copyright (c) 2015 Mapbox

Copyright (c) 2015 Titus Wormer

---------- (separator) ----------

== Dependency

rehype-stringify

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

relative-microtime

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Thomas Watson Steen

---------- (separator) ----------

== Dependency

remark-emoji

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 rhysd

---------- (separator) ----------

== Dependency

remark-parse

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

remark-rehype

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

remove-bom-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

remove-bom-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

remove-trailing-separator

== License Type

SPDX:ISC

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

rendering_plugin

== License Type

SPDX:Apache-2.0

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

repeat-element

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-present, Jon Schlinkert.

Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

repeat-string

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, Jon Schlinkert.

Copyright (c) 2014-2016, Jon Schlinkert.

Copyright © 2016, [Jon Schlinkert](http://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

replace-ext

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

require-directory

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Troy Goode <troygoode@gmail.com>

---------- (separator) ----------

== Dependency

require-from-string

== License Type

SPDX:MIT

== Copyright

Copyright (c) Vsevolod Strukchinsky <floatdrop@gmail.com> (github.com/floatdrop)

---------- (separator) ----------

== Dependency

require-in-the-middle

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016-2019 Thomas Watson Steen

---------- (separator) ----------

== Dependency

require-main-filename

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2016, Contributors

---------- (separator) ----------

== Dependency

requires-port

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

---------- (separator) ----------

== Dependency

reselect

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2018 Reselect Contributors

---------- (separator) ----------

== Dependency

reselect

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2018 Reselect Contributors

---------- (separator) ----------

== Dependency

resize-observer-polyfill

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Denis Rul

---------- (separator) ----------

== Dependency

resolve-from

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

resolve-options

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

resolve-pathname

== License Type

SPDX:MIT

== Copyright

Copyright (c) Michael Jackson 2016-2018

---------- (separator) ----------

== Dependency

resolve-url

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Simon Lydell

Copyright 2014 Simon Lydell

---------- (separator) ----------

== Dependency

resolve.exports

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) Luke Edwards <luke.edwards05@gmail.com> (lukeed.com)

---------- (separator) ----------

== Dependency

resolve

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 James Halliday

---------- (separator) ----------

== Dependency

restore-cursor

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

ret

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2011 by Roly Fentanes

---------- (separator) ----------

== Dependency

reusify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Matteo Collina

---------- (separator) ----------

== Dependency

rfdc

== License Type

SPDX:MIT

== Copyright

Copyright 2019 "David Mark Clements <david.mark.clements@gmail.com>"

---------- (separator) ----------

== Dependency

rimraf

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

rimraf

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

ripemd160

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 crypto-browserify

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

rison-node

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2006 Oliver Steele. All rights reserved.

Copyright 2012 rison origninal author

---------- (separator) ----------

== Dependency

rtl-css-js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Kent C. Dodds

---------- (separator) ----------

== Dependency

run-async

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Simon Boudrias

Copyright (c) 2014 Simon Boudrias (twitter: @vaxilart)

---------- (separator) ----------

== Dependency

run-parallel

== License Type

SPDX:MIT

== Copyright

Copyright (c) Feross Aboukhadijeh

Copyright (c) [Feross Aboukhadijeh](http://feross.org).

---------- (separator) ----------

== Dependency

run-queue

== License Type

Copyright Rebecca Turner

ISC License

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

rxjs

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2015-2018 Google, Inc., Netflix, Inc., Microsoft Corp. and contributors

Copyright (c) Microsoft Corporation. All rights reserved.

---------- (separator) ----------

== Dependency

safe-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (C) [Feross Aboukhadijeh](http://feross.org)

Copyright (c) Feross Aboukhadijeh

---------- (separator) ----------

== Dependency

safe-buffer

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (C) [Feross Aboukhadijeh](http://feross.org)

Copyright (c) Feross Aboukhadijeh

---------- (separator) ----------

== Dependency

safe-regex

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

safer-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Nikita Skovoroda <chalkerx@gmail.com>

---------- (separator) ----------

== Dependency

sax

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

sax

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

saxes

== License Type

SPDX:ISC

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

scheduler

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

---------- (separator) ----------

== Dependency

schema-utils

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

schema-utils

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

schema-utils

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

screenfull

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

secure-json-parse

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2019 The Fastify Team

Copyright (c) 2019, Sideway Inc, and project contributors

---------- (separator) ----------

== Dependency

semver

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

serialize-javascript

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Yahoo! Inc. All rights reserved.

Copyright 2014 Yahoo! Inc.

---------- (separator) ----------

== Dependency

serialize-javascript

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Yahoo! Inc. All rights reserved.

Copyright 2014 Yahoo! Inc.

---------- (separator) ----------

== Dependency

set-blocking

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2016, Contributors

---------- (separator) ----------

== Dependency

set-cookie-serde

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

set-harmonic-interval

== License Type

SPDX:Unlicense

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

set-value

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present, Jon Schlinkert.

Copyright (c) Jon Schlinkert (https://github.com/jonschlinkert).

Copyright © 2021, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

setimmediate

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Barnesandnoble.com, llc, Donavon West, and Domenic Denicola

---------- (separator) ----------

== Dependency

sha.js

== License Type

Copyright (c) 2013-2018 sha.js contributors

MIT License

Copyright (c) 1998 - 2009, Paul Johnston & Contributors

All rights reserved.

BSD 3-Clause License

== Copyright

Copyright (c) 1998 - 2009, Paul Johnston & Contributors

Copyright (c) 2013-2018 sha.js contributors

---------- (separator) ----------

== Dependency

shallow-clone-shim

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Thomas Watson Steen

---------- (separator) ----------

== Dependency

shallowequal

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Alberto Leal <mailforalberto@gmail.com> (github.com/dashed)

---------- (separator) ----------

== Dependency

shebang-command

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) Kevin Mårtensson <kevinmartensson@gmail.com> (github.com/kevva)

---------- (separator) ----------

== Dependency

shebang-regex

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

shelljs

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2010 Ryan McGrath

Copyright (c) 2012 Artur Adib

Copyright (c) 2012, Artur Adib <arturadib@gmail.com>

---------- (separator) ----------

== Dependency

side-channel

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

signal-exit

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2015, Contributors

---------- (separator) ----------

== Dependency

simple-git

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

simple-swizzle

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Josh Junon

---------- (separator) ----------

== Dependency

slash

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

slash

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

snapdragon-node

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

snapdragon-util

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

snapdragon

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2015-2016, Jon Schlinkert.

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

sonic-boom

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Matteo Collina

---------- (separator) ----------

== Dependency

source-list-map

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 JS Foundation

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2017 JS Foundation

---------- (separator) ----------

== Dependency

source-map-js

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

---------- (separator) ----------

== Dependency

source-map-resolve

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014, 2015, 2016, 2017, 2018, 2019 Simon Lydell

Copyright (c) 2019 ZHAO Jinxiang

---------- (separator) ----------

== Dependency

source-map-support

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Evan Wallace

---------- (separator) ----------

== Dependency

source-map-url

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Simon Lydell

Copyright 2014 Simon Lydell

---------- (separator) ----------

== Dependency

source-map

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

---------- (separator) ----------

== Dependency

source-map

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

---------- (separator) ----------

== Dependency

source-map

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

---------- (separator) ----------

== Dependency

source-map

== License Type

SPDX:BSD-3-Clause

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

---------- (separator) ----------

== Dependency

source-map

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

---------- (separator) ----------

== Dependency

sourcemap-codec

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Rich Harris

---------- (separator) ----------

== Dependency

space-separated-tokens

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

spec-to-console

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

split-on-first

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

split-string

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

sprintf-js

== License Type

SPDX:BSD-3-Clause

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2007-present, Alexandru Marasteanu <hello@alexei.ro>

---------- (separator) ----------

== Dependency

sprintf-js

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2007-present, Alexandru Marasteanu <hello@alexei.ro>

---------- (separator) ----------

== Dependency

sql-summary

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2018 Thomas Watson Steen

---------- (separator) ----------

== Dependency

ssri

== License Type

SPDX:ISC

== Copyright

Copyright (c) npm, Inc.

---------- (separator) ----------

== Dependency

ssri

== License Type

SPDX:ISC

== Copyright

Copyright (c) npm, Inc.

---------- (separator) ----------

== Dependency

ssri

== License Type

SPDX:ISC

== Copyright

Copyright (c) npm, Inc.

---------- (separator) ----------

== Dependency

stack-generator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Eric Wendelin and other contributors

---------- (separator) ----------

== Dependency

stack-utils

== License Type

SPDX:MIT

== Copyright

Copyright (c) Isaac Z. Schlueter <i@izs.me>, James Talmage <james@talmage.io> (github.com/jamestalmage), and Contributors

---------- (separator) ----------

== Dependency

stackframe

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Eric Wendelin and other contributors

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

stacktrace-gps

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Eric Wendelin and other contributors

---------- (separator) ----------

== Dependency

stacktrace-js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors (Conversion to ES6 API by Jake Archibald)

Copyright (c) 2017 Eric Wendelin and other contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2012-2014, Kit Cambridge | http://kit.mit-license.org */

---------- (separator) ----------

== Dependency

state-toggle

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

static-extend

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016, Jon Schlinkert.

---------- (separator) ----------

== Dependency

stream-browserify

== License Type

SPDX:MIT

== Copyright

Copyright (c) James Halliday

---------- (separator) ----------

== Dependency

stream-chopper

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Thomas Watson Steen

---------- (separator) ----------

== Dependency

stream-each

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Mathias Buus

---------- (separator) ----------

== Dependency

stream-http

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (C) John Hiesey and other contributors.

Copyright (c) 2015 John Hiesey

---------- (separator) ----------

== Dependency

stream-shift

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Mathias Buus

---------- (separator) ----------

== Dependency

strict-uri-encode

== License Type

SPDX:MIT

== Copyright

Copyright (c) Kevin Martensson <kevinmartensson@gmail.com> (github.com/kevva)

---------- (separator) ----------

== Dependency

string-similarity

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2018 Akash Kurdekar

---------- (separator) ----------

== Dependency

string-width

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

string.prototype.trimend

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Khaled Al-Ansari

---------- (separator) ----------

== Dependency

string.prototype.trimend

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Khaled Al-Ansari

---------- (separator) ----------

== Dependency

string.prototype.trimstart

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Khaled Al-Ansari

---------- (separator) ----------

== Dependency

string.prototype.trimstart

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2017 Khaled Al-Ansari

---------- (separator) ----------

== Dependency

string_decoder

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

string_decoder

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

stringify-entities

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <mailto:tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

strip-ansi

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

strip-ansi

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

strip-bom

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

strip-final-newline

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

strip-json-comments

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

style-to-object

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Menglin "Mark" Xu <mark@remarkablemark.org>

---------- (separator) ----------

== Dependency

styled-components

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present, Jon Schlinkert.

Copyright (c) 2016 Sultan Tarimo

Copyright © 2016-present Glen Maddern and Maximilian Stoiber.

---------- (separator) ----------

== Dependency

stylis

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016-present Sultan Tarimo

---------- (separator) ----------

== Dependency

supports-color

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

supports-color

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

supports-color

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

supports-color

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

supports-preserve-symlinks-flag

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2022 Inspect JS

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

symbol-observable

== License Type

SPDX:MIT

== Copyright

Copyright (c) Ben Lesh <ben@benlesh.com>

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

symbol-tree

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Joris van der Wel

---------- (separator) ----------

== Dependency

tabbable

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 David Clark

---------- (separator) ----------

== Dependency

tapable

== License Type

SPDX:MIT

== Copyright

Copyright (c) Tobias Koppers @sokra

---------- (separator) ----------

== Dependency

tapable

== License Type

SPDX:MIT

== Copyright

Copyright (c) Tobias Koppers @sokra

---------- (separator) ----------

== Dependency

tar-fs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Mathias Buus

---------- (separator) ----------

== Dependency

tar-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Mathias Buus

---------- (separator) ----------

== Dependency

tar

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

terser-webpack-plugin

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

terser-webpack-plugin

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

terser

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright 2012-2018 (c) Mihai Bazon <mihai.bazon@gmail.com>

---------- (separator) ----------

== Dependency

test-exclude

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2016, Contributors

---------- (separator) ----------

== Dependency

text-diff

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2006 Google Inc.

---------- (separator) ----------

== Dependency

throat

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Forbes Lindesay

---------- (separator) ----------

== Dependency

throttle-debounce

== License Type

SPDX:MIT

== Copyright

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

Copyright (c) 2010 "Cowboy" Ben Alman

Copyright (c) 2010 "Cowboy" Ben Alman (Dual licensed under the MIT and GPL licenses. http://benalman.com/about/license/)

Copyright (c) Ivan Nikolić <http://ivannikolic.com>

---------- (separator) ----------

== Dependency

through2-filter

== License Type

SPDX:MIT

== Copyright

Copyright (c) Bryce B. Baril <bryce@ravenwall.com>

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

through2

== License Type

SPDX:MIT

== Copyright

Copyright (c) Rod Vagg (the "Original Author") and additional contributors**

Copyright (c) Rod Vagg [@rvagg](https://twitter.com/rvagg) and additional contributors and licensed under the MIT license. All rights not explicitly granted in the MIT license are reserved. See the included LICENSE file for more details.

---------- (separator) ----------

== Dependency

through2

== License Type

SPDX:MIT

== Copyright

Copyright (c) Rod Vagg (the "Original Author") and additional contributors**

Copyright (c) Rod Vagg [@rvagg](https://twitter.com/rvagg) and additional contributors and licensed under the MIT license. All rights not explicitly granted in the MIT license are reserved. See the included LICENSE file for more details.

---------- (separator) ----------

== Dependency

through

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Dominic Tarr

---------- (separator) ----------

== Dependency

timers-browserify

== License Type

SPDX:MIT

== Copyright

Copyright © 2012 J. Ryan Stinnett <jryans@gmail.com>

---------- (separator) ----------

== Dependency

tiny-invariant

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Alexander Reardon

---------- (separator) ----------

== Dependency

tiny-warning

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Alexander Reardon

---------- (separator) ----------

== Dependency

tinycolor2

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2008 Ariel Flesler - aflesler(at)gmail(dot)com |

Copyright 2012 jQuery Foundation and other contributors

---------- (separator) ----------

== Dependency

tinygradient

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2014-2020 Damien Sorel

Copyright 2014-2020 Damien "Mistic" Sorel (http://www.strangeplanet.fr)

copyright 2014-2021 Damien "Mistic" Sorel <contact@git.strangeplanet.fr>

---------- (separator) ----------

== Dependency

tinymath

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

tmp

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011-2017 KARASZI Istvan <github@spam.raszi.hu>

Copyright (c) 2014 KARASZI István

---------- (separator) ----------

== Dependency

tmpl

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Naitik Shah. All rights reserved.

---------- (separator) ----------

== Dependency

to-absolute-glob

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2016, Jon Schlinkert

Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

to-arraybuffer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 John Hiesey

---------- (separator) ----------

== Dependency

to-fast-properties

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Petka Antonov

---------- (separator) ----------

== Dependency

to-object-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, Jon Schlinkert.

Copyright (c) 2015-2016, Jon Schlinkert.

Copyright © 2015 Jon Schlinkert

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

to-regex-range

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, 2017, Jon Schlinkert.

Copyright (c) 2015-2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

to-regex-range

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, 2017, Jon Schlinkert.

Copyright (c) 2015-2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

to-regex

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016-2018, Jon Schlinkert.

Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

to-source-code

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 W.Y.

---------- (separator) ----------

== Dependency

to-through

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

toggle-selection

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

topo

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2014, Walmart

Copyright (c) 2012-2018, Project contributors

---------- (separator) ----------

== Dependency

tough-cookie

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 Phil Booth

Copyright (c) 2015, Salesforce.com, Inc.

Copyright (c) 2015-2020, Salesforce.com, Inc.

Copyright (c) 2018, Salesforce.com, Inc.

---------- (separator) ----------

== Dependency

tr46

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Sebastian Mayr

---------- (separator) ----------

== Dependency

tr46

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Sebastian Mayr

---------- (separator) ----------

== Dependency

tr46

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Sebastian Mayr

---------- (separator) ----------

== Dependency

traverse

== License Type

SPDX:MIT

== Copyright

Copyright 2010 James Halliday (mail@substack.net)

---------- (separator) ----------

== Dependency

tree-kill

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Peter Krumins

---------- (separator) ----------

== Dependency

trim-trailing-lines

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <mailto:tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

trim

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 TJ Holowaychuk <tj@vision-media.ca>

---------- (separator) ----------

== Dependency

trough

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

ts-debounce

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Jakub Chodorowicz

---------- (separator) ----------

== Dependency

ts-easing

== License Type

SPDX:Unlicense

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

tslib

== License Type

SPDX:BSD-0-Clause

== Copyright

Copyright (c) Microsoft Corporation.

---------- (separator) ----------

== Dependency

tslib

== License Type

SPDX:BSD-0-Clause

== Copyright

Copyright (c) Microsoft Corporation.

---------- (separator) ----------

== Dependency

tslib

== License Type

SPDX:BSD-0-Clause

== Copyright

Copyright (c) Microsoft Corporation.

---------- (separator) ----------

== Dependency

tty-browserify

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

type-check

== License Type

SPDX:MIT

== Copyright

Copyright (c) George Zahariev

---------- (separator) ----------

== Dependency

type-detect

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2013 Jake Luer <jake@alogicalparadox.com> (http://alogicalparadox.com)

---------- (separator) ----------

== Dependency

type-fest

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

type-fest

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

typedarray-to-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (C) [Feross Aboukhadijeh](http://feross.org).

Copyright (c) Feross Aboukhadijeh

---------- (separator) ----------

== Dependency

typedarray

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2010, Linden Research, Inc.

Copyright (c) 2012, Joshua Bell

---------- (separator) ----------

== Dependency

typescript

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) Microsoft Corporation. All rights reserved.

Copyright (c) Microsoft Corporation. All rights reserved.

---------- (separator) ----------

== Dependency

uc.micro

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

uglify-js

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright 2012 (c) Mihai Bazon <mihai.bazon@gmail.com>

Copyright 2012-2019 (c) Mihai Bazon <mihai.bazon@gmail.com>

---------- (separator) ----------

== Dependency

ui_settings_plugin

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

unbox-primitive

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

unbox-primitive

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

unc-path-regex

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, Jon Schlinkert.

Copyright © 2015 Jon Schlinkert

---------- (separator) ----------

== Dependency

unherit

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unicode-byte-truncate

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Thomas Watson Steen

---------- (separator) ----------

== Dependency

unicode-canonical-property-names-ecmascript

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

unicode-match-property-ecmascript

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

unicode-match-property-value-ecmascript

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

unicode-property-aliases-ecmascript

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

unicode-substring

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Ville Lautanala

---------- (separator) ----------

== Dependency

unified

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

union-value

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert

Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

unique-filename

== License Type

SPDX:ISC

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

unique-slug

== License Type

SPDX:ISC

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

unique-stream

== License Type

SPDX:MIT

== Copyright

Copyright 2014 Eugene Ware

---------- (separator) ----------

== Dependency

unist-builder

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2015 Eugene Sharygin

---------- (separator) ----------

== Dependency

unist-util-generated

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-is

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-is

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-position

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-remove-position

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-stringify-position

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-visit-parents

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-visit-parents

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

unist-util-visit

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-visit

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

universalify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017, Ryan Zimmerman <opensrc@ryanzim.com>

---------- (separator) ----------

== Dependency

unset-value

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015, 2017, Jon Schlinkert

Copyright (c) 2015, 2017, Jon Schlinkert.

Copyright © 2021, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

upath

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

update-browserslist-db

== License Type

SPDX:MIT

== Copyright

Copyright 2022 Andrey Sitnik <andrey@sitnik.ru> and other contributors

---------- (separator) ----------

== Dependency

uri-js

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright 2011 Gary Court. All rights reserved.

---------- (separator) ----------

== Dependency

urix

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Simon Lydell

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2014 Simon Lydell

---------- (separator) ----------

== Dependency

url-parse

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

---------- (separator) ----------

== Dependency

url

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2002-2008 Kris Kowal <http://cixar.com/~kris.kowal>

---------- (separator) ----------

== Dependency

url

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2002-2008 Kris Kowal <http://cixar.com/~kris.kowal>

---------- (separator) ----------

== Dependency

use-callback-ref

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

use-memo-one

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Alexander Reardon

---------- (separator) ----------

== Dependency

use-sidecar

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

use

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017, Jon Schlinkert.

Copyright (c) 2015-present, Jon Schlinkert.

Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

util-deprecate

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2014 Nathan Rajlich <nathan@tootallnate.net>

---------- (separator) ----------

== Dependency

util

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

util

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

util

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

utility-types

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Piotr Witek

Copyright (c) 2016 Piotr Witek <mailto:piotrek.witek@gmail.com> (http://piotrwitek.github.io)

Copyright (c) 2016 Piotr Witek <piotrek.witek@gmail.com> (http://piotrwitek.github.io)

---------- (separator) ----------

== Dependency

uuid

== License Type

SPDX:MIT

== Copyright

Copyright (C) Paul Johnston 1999 - 2009

Copyright (c) 2010-2016 Robert Kieffer and other contributors

Copyright 2011, Sebastian Tschan

---------- (separator) ----------

== Dependency

uuid

== License Type

SPDX:MIT

== Copyright

Copyright (C) Paul Johnston 1999 - 2009

Copyright (c) 2010-2016 Robert Kieffer and other contributors

Copyright 2011, Sebastian Tschan

---------- (separator) ----------

== Dependency

uuid

== License Type

SPDX:MIT

== Copyright

Copyright (C) Paul Johnston 1999 - 2009

Copyright (c) 2010-2016 Robert Kieffer and other contributors

Copyright 2011, Sebastian Tschan

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

uuid

== License Type

SPDX:MIT

== Copyright

Copyright (C) Paul Johnston 1999 - 2009

Copyright (c) 2010-2016 Robert Kieffer and other contributors

Copyright 2011, Sebastian Tschan

---------- (separator) ----------

== Dependency

value-equal

== License Type

SPDX:MIT

== Copyright

Copyright (c) Michael Jackson 2016-2018

---------- (separator) ----------

== Dependency

value-or-function

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Blaine Bublitz, Eric Schoffstall and other contributors

---------- (separator) ----------

== Dependency

vfile-location

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

vfile-message

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

vfile

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 James Halliday

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

vinyl-fs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-2017 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

vinyl-sourcemap

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2017 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors (Based on code from gulp-sourcemaps - ISC License - Copyright (c) 2014, Florian Reiterer)

---------- (separator) ----------

== Dependency

vinyl

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

vm-browserify

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

w3c-hr-time

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Tiancheng "Timothy" Gu and other contributors

---------- (separator) ----------

== Dependency

w3c-xmlserializer

== License Type

SPDX:MIT

== Copyright

Copyright © 2016 Sebastian Mayr

---------- (separator) ----------

== Dependency

walker

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2013 Naitik Shah

---------- (separator) ----------

== Dependency

watchpack-chokidar2

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

watchpack

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

watchpack

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

weak-lru-cache

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

web-namespaces

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

webidl-conversions

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2014, Domenic Denicola

---------- (separator) ----------

== Dependency

webidl-conversions

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2014, Domenic Denicola

---------- (separator) ----------

== Dependency

webidl-conversions

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2014, Domenic Denicola

---------- (separator) ----------

== Dependency

webidl-conversions

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2014, Domenic Denicola

---------- (separator) ----------

== Dependency

webpack-merge

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Juho Vepsalainen

---------- (separator) ----------

== Dependency

webpack-sources

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 JS Foundation and other contributors

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

webpack

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

whatwg-encoding

== License Type

SPDX:MIT

== Copyright

Copyright © 2016–2018 Domenic Denicola <d@domenic.me>

---------- (separator) ----------

== Dependency

whatwg-fetch

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2016 GitHub, Inc.

---------- (separator) ----------

== Dependency

whatwg-mimetype

== License Type

SPDX:MIT

== Copyright

Copyright © 2017–2018 Domenic Denicola <d@domenic.me>

---------- (separator) ----------

== Dependency

whatwg-url

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015–2016 Sebastian Mayr

---------- (separator) ----------

== Dependency

whatwg-url

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015–2016 Sebastian Mayr

---------- (separator) ----------

== Dependency

whatwg-url

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015–2016 Sebastian Mayr

---------- (separator) ----------

== Dependency

which-boxed-primitive

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

which-module

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:ISC

== Copyright

Copyright (c) 2016, Contributors

---------- (separator) ----------

== Dependency

which-typed-array

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

which

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

word-wrap

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2016, Jon Schlinkert

Copyright (c) 2014-2023, Jon Schlinkert.

Copyright © 2023, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

wordwrap

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

worker-farm

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 LevelUP contributors

Copyright (c) 2014 Rod Vagg [@rvagg](https://twitter.com/rvagg) and licensed under the MIT license. All rights not explicitly granted in the MIT license are reserved. See the included LICENSE.md file for more details.

---------- (separator) ----------

== Dependency

workerpool

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (C) 2014-2022 Jos de Jong wjosdejong@gmail.com

---------- (separator) ----------

== Dependency

wrap-ansi

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

wrap-ansi

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

wrappy

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

write-file-atomic

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2015, Rebecca Turner

---------- (separator) ----------

== Dependency

ws

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Einar Otto Stangvik <einaros@gmail.com>

---------- (separator) ----------

== Dependency

xml-name-validator

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

xml2js

== License Type

SPDX:MIT

== Copyright

Copyright 2010, 2011, 2012, 2013. All rights reserved.

---------- (separator) ----------

== Dependency

xmlbuilder

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Ozgur Ozcitak

---------- (separator) ----------

== Dependency

xmlchars

== License Type

SPDX:MIT

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

xtend

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2012-2014 Raynos.

---------- (separator) ----------

== Dependency

y18n

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2015, Contributors

---------- (separator) ----------

== Dependency

y18n

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2015, Contributors

---------- (separator) ----------

== Dependency

yallist

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

yallist

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

yallist

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

yaml

== License Type

SPDX:ISC

== Copyright

(no copyright notices found)

---------- (separator) ----------

== Dependency

yargs-parser

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2016, Contributors

---------- (separator) ----------

== Dependency

yargs-parser

== License Type

SPDX:ISC

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2016, Contributors

---------- (separator) ----------

== Dependency

yargs-parser

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2016, Contributors

---------- (separator) ----------

== Dependency

yargs-unparser

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Made With MOXY Lda <hello@moxy.studio>

---------- (separator) ----------

== Dependency

yargs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Andrei Mackenzie

Copyright 2010 James Halliday (mail@substack.net); Modified work Copyright 2014 Contributors (ben@npmjs.com)

---------- (separator) ----------

== Dependency

yargs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Andrei Mackenzie

Copyright 2010 James Halliday (mail@substack.net); Modified work Copyright 2014 Contributors (ben@npmjs.com)

---------- (separator) ----------

== Dependency

yauzl

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Josh Wolfe

---------- (separator) ----------

== Dependency

yazl

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Josh Wolfe

---------- (separator) ----------

== Dependency

yocto-queue

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

zlib

== License Type

Copyright (c) 2011, Konstantin Käfer <kkaefer@gmail.com>

All rights reserved.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of node-zlib nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL Konstantin Käfer BE LIABLE FOR ANY DIRECT,

INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,

BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF

LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE

OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF

ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2011, Konstantin Käfer <kkaefer@gmail.com>

---------- (separator) ----------

== Dependency

zwitch

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- Licenses ----------

---------- (separator) ----------

== SPDX:Apache-2.0

Apache License

Apache License, Version 2.0

---------- (separator) ----------

== SPDX:BSD-0-Clause

BSD 0-Clause License

---------- (separator) ----------

== SPDX:BSD-2-Clause

BSD 2-Clause License

---------- (separator) ----------

== SPDX:BSD-3-Clause

BSD 3-Clause License

---------- (separator) ----------

== SPDX:CC-BY-4.0

Attribution 4.0 International

==========

Creative Commons Corporation ("Creative Commons") is not a law firm and
does not provide legal services or legal advice. Distribution of
Creative Commons public licenses does not create a lawyer-client or
other relationship. Creative Commons makes its licenses and related
information available on an "as-is" basis. Creative Commons gives no
warranties regarding its licenses, any material licensed under their
terms and conditions, or any related information. Creative Commons
disclaims all liability for damages resulting from their use to the

 Copyright © 1988, 2025, Oracle and/or its affiliates.

fullest extent possible.

Using Creative Commons Public Licenses

Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses.

Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC-licensed material, or material used under an exception or limitation to copyright. More considerations for licensors: wiki.creativecommons.org/Considerations_for_licensors

Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor's permission is not necessary for any reason--for example, because of any applicable exception or limitation to copyright--then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of

Copyright © 1988, 2025, Oracle and/or its affiliates.

the licensed material may still be restricted for other
reasons, including because others have copyright or other
rights in the material. A licensor may make special requests,
such as asking that all changes be marked or described.
Although not required by our licenses, you are encouraged to
respect those requests where reasonable. More considerations
for the public:
wiki.creativecommons.org/Considerations_for_licensees

==========

Creative Commons Attribution 4.0 International Public License

By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.

Section 1 -- Definitions.

a. Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image.

b. Adapter's License means the license You apply to Your Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License.

c. Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights.

d. Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements.

e. Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material.

f. Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License.

g. Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license.

h. Licensor means the individual(s) or entity(ies) granting rights under this Public License.

i. Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution,

Copyright © 1988, 2025, Oracle and/or its affiliates.

dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them.

j. Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world.

k. You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.

Section 2 -- Scope.

a. License grant.

1. Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to:

a. reproduce and Share the Licensed Material, in whole or in part; and

b. produce, reproduce, and Share Adapted Material.

2. Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions.

3. Term. The term of this Public License is specified in Section 6(a).

4. Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a)(4) never produces Adapted Material.

5. Downstream recipients.

a. Offer from the Licensor -- Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License.

b. No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material.

6. No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section 3(a)(1)(A)(i).

b. Other rights.

1. Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity,

Copyright © 1988, 2025, Oracle and/or its affiliates.

privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise.

2. Patent and trademark rights are not licensed under this Public License.

3. To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.

Section 3 -- License Conditions.

Your exercise of the Licensed Rights is expressly made subject to the following conditions.

a. Attribution.

1. If You Share the Licensed Material (including in modified form), You must:

a. retain the following if it is supplied by the Licensor with the Licensed Material:

i. identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated);

ii. a copyright notice;

iii. a notice that refers to this Public License;

iv. a notice that refers to the disclaimer of

 Copyright © 1988, 2025, Oracle and/or its affiliates.

warranties;

v. a URI or hyperlink to the Licensed Material to the extent reasonably practicable;

b. indicate if You modified the Licensed Material and retain an indication of any previous modifications; and

c. indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License.

2. You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information.

3. If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable.

4. If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.

Section 4 -- Sui Generis Database Rights.

Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material:

a. for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database;

b. if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database

Copyright © 1988, 2025, Oracle and/or its affiliates.

Rights (but not its individual contents) is Adapted Material; and

c. You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database.

For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.

Section 5 -- Disclaimer of Warranties and Limitation of Liability.

a. UNLESS OTHERWISE SEPARATELY UNDERTAKEN BY THE LICENSOR, TO THE EXTENT POSSIBLE, THE LICENSOR OFFERS THE LICENSED MATERIAL AS-IS AND AS-AVAILABLE, AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE LICENSED MATERIAL, WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHER. THIS INCLUDES, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OR ABSENCE OF ERRORS, WHETHER OR NOT KNOWN OR DISCOVERABLE. WHERE DISCLAIMERS OF WARRANTIES ARE NOT ALLOWED IN FULL OR IN PART, THIS DISCLAIMER MAY NOT APPLY TO YOU.

b. TO THE EXTENT POSSIBLE, IN NO EVENT WILL THE LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY (INCLUDING, WITHOUT LIMITATION, NEGLIGENCE) OR OTHERWISE FOR ANY DIRECT, SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY, OR OTHER LOSSES, COSTS, EXPENSES, OR DAMAGES ARISING OUT OF THIS PUBLIC LICENSE OR USE OF THE LICENSED MATERIAL, EVEN IF THE LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSSES, COSTS, EXPENSES, OR DAMAGES. WHERE A LIMITATION OF LIABILITY IS NOT ALLOWED IN FULL OR IN PART, THIS LIMITATION MAY NOT APPLY TO YOU.

c. The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and

 Copyright © 1988, 2025, Oracle and/or its affiliates.

waiver of all liability.

Section 6 -- Term and Termination.

a. This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically.

b. Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates:

1. automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or

2. upon express reinstatement by the Licensor.

For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License.

c. For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License.

d. Sections 1, 5, 6, 7, and 8 survive termination of this Public License.

Section 7 -- Other Terms and Conditions.

a. The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed.

b. Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License.

Section 8 -- Interpretation.

a. For the avoidance of doubt, this Public License does not, and

Copyright © 1988, 2025, Oracle and/or its affiliates.

shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License.

b. To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions.

c. No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor.

d. Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.

==========

Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the “Licensor.” The text of the Creative Commons public licenses is dedicated to the public domain under the CC0 Public Domain Dedication. Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at creativecommons.org/policies, Creative Commons does not authorize the use of the trademark "Creative Commons" or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications

 Copyright © 1988, 2025, Oracle and/or its affiliates.

to any of its public licenses or any other arrangements,
understandings, or agreements concerning use of licensed material. For
the avoidance of doubt, this paragraph does not form part of the
public licenses.
Creative Commons may be contacted at creativecommons.org.

---------- (separator) ----------

== SPDX:CC0-1.0

Creative Commons CC0 1.0 Universal

Creative Commons Legal Code

---------- (separator) ----------

== SPDX:ISC

ISC License

---------- (separator) ----------

== SPDX:MIT

MIT License

---------- (separator) ----------

== SPDX:Unlicense

Unlicense License

---------- (separator) ----------

== SPDX:WTFPL

WTFPL

Oracle OpenSearch Dashboards Reports Licenses

---------- Top-Level License ----------

SPDX:Apache-2.0

---------- Copyright ----------

Copyright OpenSearch Contributors

---------- Notices ----------

OpenSearch (https://opensearch.org/)

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright OpenSearch Contributors

This product includes software developed by

naptha (https://github.com/naptha/tesseract.js/)

---------- Fourth Party Dependencies ----------

---------- Licenses ----------

- AFL-2.1

- Apache-2.0

- BSD-2-Clause

- BSD-3-Clause

- BSD-3-Clause--modified-by-Google

- ISC

- MIT

- MPL-2.0

---------- (separator) ----------

== Dependency

@babel/code-frame

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/generator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

@babel/helper-environment-visitor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/helper-function-name

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/helper-hoist-variables

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/helper-module-imports

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/helper-split-export-declaration

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/helper-string-parser

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/helper-validator-identifier

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/highlight

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/parser

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (C) 2012-2014 by various contributors (see AUTHORS)

---------- (separator) ----------

== Dependency

@babel/runtime

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/template

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/traverse

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@babel/types

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

@cypress/request

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2010-2012 Mikeal Rogers

---------- (separator) ----------

== Dependency

@emotion/cache

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

== Dependency

@emotion/core

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

== Dependency

@emotion/css

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

== Dependency

@emotion/hash

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

== Dependency

@emotion/memoize

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

== Dependency

@emotion/serialize

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

== Dependency

@emotion/sheet

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

== Dependency

@emotion/stylis

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

== Dependency

@emotion/unitless

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

== Dependency

@emotion/utils

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

== Dependency

@emotion/weak-memoize

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

@jridgewell/gen-mapping

== License Type

SPDX:MIT

== Copyright

Copyright 2022 Justin Ridgewell <jridgewell@google.com>

---------- (separator) ----------

== Dependency

@jridgewell/resolve-uri

== License Type

SPDX:MIT

== Copyright

Copyright 2019 Justin Ridgewell <jridgewell@google.com>

---------- (separator) ----------

== Dependency

@jridgewell/set-array

== License Type

SPDX:MIT

== Copyright

Copyright 2022 Justin Ridgewell <jridgewell@google.com>

---------- (separator) ----------

== Dependency

@jridgewell/sourcemap-codec

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Rich Harris

---------- (separator) ----------

== Dependency

@jridgewell/trace-mapping

== License Type

SPDX:MIT

== Copyright

Copyright 2022 Justin Ridgewell <justin@ridgewell.name>

---------- (separator) ----------

== Dependency

@react-navigation/core

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 React Navigation Contributors

---------- (separator) ----------

== Dependency

@react-navigation/native

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 React Navigation Contributors

---------- (separator) ----------

== Dependency

@tootallnate/once

== License Type

SPDX:MIT

== Copyright

Nathan Rajlich <nathan@tootallnate.net>

---------- (separator) ----------

== Dependency

@types/parse-json

 Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) Microsoft Corporation. All rights reserved.

---------- (separator) ----------

== Dependency

@types/raf

== License Type

SPDX:MIT

== Copyright

Copyright (c) Microsoft Corporation. All rights reserved.

---------- (separator) ----------

== Dependency

abab

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright © 2019 W3C and Jeff Carpenter \<jeffcarp@chromium.org\>

---------- (separator) ----------

== Dependency

acorn-globals

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Forbes Lindesay

---------- (separator) ----------

== Dependency

acorn-walk

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2012-2018 by various contributors (see AUTHORS)

---------- (separator) ----------

== Dependency

acorn

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2012-2022 by various contributors (see AUTHORS)

---------- (separator) ----------

== Dependency

agent-base

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Nathan Rajlich <nathan@tootallnate.net>

---------- (separator) ----------

== Dependency

airbnb-prop-types

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Airbnb

---------- (separator) ----------

== Dependency

ansi-regex

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

ansi-styles

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

array.prototype.find

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Paul Miller (https://paulmillr.com)

---------- (separator) ----------

== Dependency

asn1

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Mark Cavage, All rights reserved.

---------- (separator) ----------

== Dependency

assert-plus

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018, Joyent, Inc. and assert-plus authors

---------- (separator) ----------

== Dependency

asynckit

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Alex Indigo

---------- (separator) ----------

== Dependency

atob

== License Type

At your option you may choose either of the following licenses:

* The MIT License (MIT)

* The Apache License 2.0 (Apache-2.0)

The MIT License (MIT)

Copyright (c) 2015 AJ ONeal

MIT License

Apache License, Version 2.0

Copyright 2015 AJ ONeal

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2015 AJ ONeal

Copyright 2015 AJ ONeal

copyright 2012-2018 AJ ONeal

---------- (separator) ----------

== Dependency

aws-sign2

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2010 LearnBoost <dev@learnboost.com>

---------- (separator) ----------

== Dependency

aws4

== License Type

SPDX:MIT

== Copyright

Copyright 2013 Michael Hart (michael.hart.au@gmail.com)

---------- (separator) ----------

== Dependency

babel-eslint

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2016 Sebastian McKenzie <sebmck@gmail.com>

---------- (separator) ----------

== Dependency

babel-plugin-emotion

== License Type

SPDX:MIT

== Copyright

Copyright (c) Emotion team and other contributors

---------- (separator) ----------

== Dependency

babel-plugin-macros

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Kent C. Dodds

---------- (separator) ----------

== Dependency

babel-plugin-syntax-jsx

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present Sebastian McKenzie and other contributors

---------- (separator) ----------

== Dependency

babel-polyfill

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014, Facebook, Inc.

---------- (separator) ----------

== Dependency

babel-runtime

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Sebastian McKenzie <sebmck@gmail.com>

---------- (separator) ----------

== Dependency

bail

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

balanced-match

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

---------- (separator) ----------

== Dependency

base64-arraybuffer

== License Type

SPDX:MIT

== Copyright

Copyright (c) ${(new Date()).getFullYear()} ${pkg.author.name} <${pkg.author.url}>

Copyright (c) 2012 Niklas von Hertzen

Copyright (c) 2022 Niklas von Hertzen <https://hertzen.com>

---------- (separator) ----------

== Dependency

bcrypt-pbkdf

== License Type

The Blowfish portions are under the following license:

Blowfish block cipher for OpenBSD

Copyright 1997 Niels Provos <provos@physnet.uni-hamburg.de>

All rights reserved.

Implementation advice by David Mazieres <dm@lcs.mit.edu>.

BSD 3-Clause License

The bcrypt_pbkdf portions are under the following license:

Copyright (c) 2013 Ted Unangst <tedu@openbsd.org>

ISC License

Performance improvements (Javascript-specific):

Copyright 2016, Joyent Inc

Author: Alex Wilson <alex.wilson@joyent.com>

ISC License

== Copyright

Copyright (c) 2013 Ted Unangst <tedu@openbsd.org>

Copyright 1997 Niels Provos <provos@physnet.uni-hamburg.de>

Copyright 2016, Joyent Inc

---------- (separator) ----------

== Dependency

big.js

== License Type

SPDX:MIT

== Copyright

Copyright © `<2022>` `Michael Mclaughlin`

---------- (separator) ----------

== Dependency

bmp-js

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2014 @丝刀口

---------- (separator) ----------

== Dependency

brace-expansion

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

---------- (separator) ----------

== Dependency

browser-process-hrtime

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright 2014 kumavis

---------- (separator) ----------

== Dependency

btoa

== License Type

SPDX:Apache-2.0

== Copyright

copyright 2012-2018 AJ ONeal

---------- (separator) ----------

== Dependency

buffer-from

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016, 2018 Linus Unnebäck

---------- (separator) ----------

== Dependency

call-bind

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Jordan Harband

---------- (separator) ----------

== Dependency

callsites

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

camelcase

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

canvg

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2010 - present Gabe Lerner (gabelerner@gmail.com) - https://github.com/canvg/canvg

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

caseless

== License Type

SPDX:Apache-2.0

== Copyright

Mikeal Rogers <mikeal.rogers@gmail.com>

---------- (separator) ----------

== Dependency

chalk

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

character-entities-legacy

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

character-entities

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

character-reference-invalid

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

cliui

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2015, Contributors

---------- (separator) ----------

== Dependency

collapse-white-space

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

color-convert

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011-2016 Heather Arthur <fayearthur@gmail.com>

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

color-name

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Dmitry Ivanov

---------- (separator) ----------

== Dependency

combined-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Debuggable Limited <felix@debuggable.com>

---------- (separator) ----------

== Dependency

commander

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 TJ Holowaychuk <tj@vision-media.ca>

---------- (separator) ----------

== Dependency

concat-map

== License Type

SPDX:MIT

== Copyright

James Halliday <mail@substack.net>

---------- (separator) ----------

== Dependency

convert-source-map

== License Type

SPDX:MIT

== Copyright

Copyright 2013 Thorsten Lorenz.

---------- (separator) ----------

== Dependency

core-js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2019 Denis Pushkarev

---------- (separator) ----------

== Dependency

core-util-is

== License Type

SPDX:MIT

== Copyright

Copyright Node.js contributors. All rights reserved.

---------- (separator) ----------

== Dependency

cosmiconfig

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 David Clark

---------- (separator) ----------

== Dependency

cron-validator

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2019 TheCloudConnectors

---------- (separator) ----------

== Dependency

cross-fetch

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2010 Thomas Fuchs (http://script.aculo.us/thomas)

Copyright (c) 2017 Leonardo Quixadá

---------- (separator) ----------

== Dependency

css-line-break

== License Type

SPDX:MIT

== Copyright

Copyright (c) ${(new Date()).getFullYear()} ${pkg.author.name} <${pkg.author.url}>

Copyright (c) 2017 Niklas von Hertzen

Copyright (c) 2022 Niklas von Hertzen <https://hertzen.com>

---------- (separator) ----------

== Dependency

css-what

== License Type

Copyright (c) Felix Böhm

All rights reserved.

BSD 2-Clause License

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

cssom

== License Type

SPDX:MIT

== Copyright

Copyright (c) Nikita Vasilyev

---------- (separator) ----------

== Dependency

cssstyle

== License Type

SPDX:MIT

== Copyright

Copyright (c) Chad Walker

---------- (separator) ----------

== Dependency

csstype

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017-2018 Fredrik Nicol

---------- (separator) ----------

== Dependency

dashdash

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Joyent Inc. All rights reserved.

Copyright (c) 2013 Trent Mick. All rights reserved.

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

data-urls

== License Type

SPDX:MIT

== Copyright

Copyright © 2017–2020 Domenic Denicola <d@domenic.me>

---------- (separator) ----------

== Dependency

debug

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2014-2017 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2018-2021 Josh Junon

---------- (separator) ----------

== Dependency

decamelize

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

decimal.js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2022 Michael Mclaughlin

Copyright (c) 2022 Michael Mclaughlin <M8ch88l@gmail.com>

---------- (separator) ----------

== Dependency

decode-uri-component

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017, Sam Verschueren <sam.verschueren@gmail.com> (github.com/SamVerschueren)

---------- (separator) ----------

== Dependency

deeks

== License Type

SPDX:MIT

== Copyright

mrodrig (https://github.com/mrodrig)

---------- (separator) ----------

== Dependency

deep-is

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2009 Thomas Robinson <280north.com>

Copyright (c) 2012 James Halliday <mail@substack.net>

Copyright (c) 2012, 2013 Thorsten Lorenz <thlorenz@gmx.de>

---------- (separator) ----------

== Dependency

define-properties

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (C) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

delayed-stream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Debuggable Limited <felix@debuggable.com>

---------- (separator) ----------

== Dependency

doc-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-present, Michael Rodrigues.

---------- (separator) ----------

== Dependency

dom-helpers

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jason Quense

Copyright 2013-2014, Facebook, Inc.

Copyright 2014-2015, Facebook, Inc.

---------- (separator) ----------

== Dependency

dom-serializer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 The cheeriojs contributors

---------- (separator) ----------

== Dependency

domelementtype

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

domexception

== License Type

SPDX:MIT

== Copyright

Copyright © 2017 Domenic Denicola

---------- (separator) ----------

== Dependency

domhandler

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

dompurify

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

DOMPurify

Copyright 2015 Mario Heiderich

DOMPurify is free software; you can redistribute it and/or modify it under the

terms of either:

a) the Apache License Version 2.0, or

b) the Mozilla Public License Version 2.0

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Mozilla Public License, version 2.0

Mozilla Public License, Version 2.0

== Copyright

Copyright 2015 Mario Heiderich

---------- (separator) ----------

== Dependency

domutils

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

ecc-jsbn

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jeremie Miller

---------- (separator) ----------

== Dependency

elastic-builder

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Suhas Karanth

---------- (separator) ----------

== Dependency

emoji-regex

== License Type

SPDX:MIT

== Copyright

Copyright Mathias Bynens <https://mathiasbynens.be/>

---------- (separator) ----------

== Dependency

emojis-list

== License Type

SPDX:MIT

== Copyright

Copyright © 2015 Kiko Beats

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

entities

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) Felix Böhm

---------- (separator) ----------

== Dependency

enzyme-adapter-react-16

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Airbnb, Inc. and contributors

---------- (separator) ----------

== Dependency

enzyme-adapter-utils

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Airbnb, Inc. and contributors

---------- (separator) ----------

== Dependency

enzyme-shallow-equal

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Airbnb, Inc. and contributors

---------- (separator) ----------

== Dependency

error-ex

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 JD Ballard

---------- (separator) ----------

== Dependency

es-abstract

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

es-to-primitive

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

escape-string-regexp

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

escodegen

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:BSD-2-Clause

== Copyright

Copyright (C) 2011-2012 Ariya Hidayat <ariya.hidayat@gmail.com>

Copyright (C) 2012 Arpad Borsos <arpad.borsos@googlemail.com>

Copyright (C) 2012 John Freeman <jfreeman08@gmail.com>

Copyright (C) 2012 Joost-Wim Boekesteijn <joost-wim@boekesteijn.nl>

Copyright (C) 2012 Kris Kowal <kris.kowal@cixar.com>

Copyright (C) 2012 Robert Gust-Bardon <donate@robert.gust-bardon.org>

Copyright (C) 2012 Yusuke Suzuki (twitter: @Constellation) and other contributors.

Copyright (C) 2012 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2012 [Yusuke Suzuki](http://github.com/Constellation)

Copyright (C) 2012-2013 Mathias Bynens <mathias@qiwi.be>

Copyright (C) 2012-2013 Michael Ficarra <escodegen.copyright@michael.ficarra.me>

Copyright (C) 2012-2014 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2013 Irakli Gozalishvili <rfobic@gmail.com>

Copyright (C) 2014 Ivan Nikulin <ifaaan@gmail.com>

Copyright (C) 2015 Ingvar Stepanyan <me@rreverser.com>

---------- (separator) ----------

== Dependency

eslint-visitor-keys

== License Type

SPDX:Apache-2.0

== Copyright

Toru Nagashima (https://github.com/mysticatea)

---------- (separator) ----------

== Dependency

esprima

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright JS Foundation and other contributors, https://js.foundation/

---------- (separator) ----------

== Dependency

estraverse

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (C) 2012 Ariya Hidayat <ariya.hidayat@gmail.com>

Copyright (C) 2012-2013 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2012-2016 [Yusuke Suzuki](http://github.com/Constellation)

Copyright (C) 2014 Yusuke Suzuki <utatane.tea@gmail.com>

---------- (separator) ----------

== Dependency

esutils

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (C) 2013 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2013 [Yusuke Suzuki](http://github.com/Constellation)

Copyright (C) 2013-2014 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2014 Ivan Nikulin <ifaaan@gmail.com>

---------- (separator) ----------

== Dependency

extend

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Stefan Thomas

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

extsprintf

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012, Joyent, Inc. All rights reserved.

---------- (separator) ----------

== Dependency

fast-levenshtein

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 [Ramesh Nair](http://www.hiddentao.com/)

---------- (separator) ----------

== Dependency

fflate

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Arjun Barrett

---------- (separator) ----------

== Dependency

file-type

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

find-root

== License Type

SPDX:MIT

== Copyright

Copyright © 2017 jsdnxx

---------- (separator) ----------

== Dependency

find-up

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

forever-agent

== License Type

SPDX:Apache-2.0

== Copyright

Mikeal Rogers <mikeal.rogers@gmail.com> (http://www.futurealoof.com)

---------- (separator) ----------

== Dependency

form-data

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Felix Geisendörfer (felix@debuggable.com) and contributors

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

function-bind

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Raynos.

---------- (separator) ----------

== Dependency

function.prototype.name

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Jordan Harband

---------- (separator) ----------

== Dependency

functions-have-names

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

get-caller-file

== License Type

SPDX:ISC

== Copyright

Copyright 2018 Stefan Penner

---------- (separator) ----------

== Dependency

get-intrinsic

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Jordan Harband

---------- (separator) ----------

== Dependency

get-symbol-description

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2021 Inspect JS

---------- (separator) ----------

== Dependency

getpass

== License Type

SPDX:MIT

== Copyright

Copyright Joyent, Inc. All rights reserved.

---------- (separator) ----------

== Dependency

glob-parent

== License Type

The ISC License

Copyright (c) 2015, 2019 Elan Shanker, 2021 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

ISC License

== Copyright

Copyright (c) 2015, 2019 Elan Shanker, 2021 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

globals

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

has-bigints

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

has-flag

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

has-symbols

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Jordan Harband

---------- (separator) ----------

== Dependency

has-tostringtag

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2021 Inspect JS

---------- (separator) ----------

== Dependency

has

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Thiago de Arruda

---------- (separator) ----------

== Dependency

history

== License Type

SPDX:MIT

== Copyright

Copyright (c) React Training 2016-2018

---------- (separator) ----------

== Dependency

hoist-non-react-statics

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2015, Yahoo! Inc. All rights reserved.

Copyright 2015, Yahoo! Inc.

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

html-encoding-sniffer

== License Type

SPDX:MIT

== Copyright

Copyright © 2016–2020 Domenic Denicola <d@domenic.me>

---------- (separator) ----------

== Dependency

html-to-react

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Mike Nikles

Copyright (c) 2020 Arve Knudsen

---------- (separator) ----------

== Dependency

html2canvas

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Niklas von Hertzen

Copyright (c) 2022 Niklas von Hertzen <https://hertzen.com>

Copyright (c) Microsoft Corporation.

---------- (separator) ----------

== Dependency

htmlparser2

== License Type

SPDX:MIT

== Copyright

Copyright 2010, 2011, Chris Winberry <chris@winberry.net>. All rights reserved.

---------- (separator) ----------

== Dependency

http-proxy-agent

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Nathan Rajlich <nathan@tootallnate.net>

---------- (separator) ----------

== Dependency

http-signature

== License Type

SPDX:MIT

== Copyright

Copyright Joyent, Inc. All rights reserved.

---------- (separator) ----------

== Dependency

https-proxy-agent

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Nathan Rajlich <nathan@tootallnate.net>

---------- (separator) ----------

== Dependency

i18n-js

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2021 Nando Vieira

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

iconv-lite

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Alexander Shtuchkin

Copyright (c) Microsoft Corporation. All rights reserved.

---------- (separator) ----------

== Dependency

idb-keyval

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2016, Jake Archibald

---------- (separator) ----------

== Dependency

import-fresh

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

inherits

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter

---------- (separator) ----------

== Dependency

internal-slot

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

is-alphabetical

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

is-alphanumerical

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

is-arrayish

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 JD Ballard

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

is-bigint

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Jordan Harband

---------- (separator) ----------

== Dependency

is-boolean-object

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (C) [Feross Aboukhadijeh](http://feross.org).

Copyright (c) Feross Aboukhadijeh

---------- (separator) ----------

== Dependency

is-callable

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-date-object

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-decimal

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

is-electron

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Cheton Wu

Copyright (c) 2016-2018 Cheton Wu

---------- (separator) ----------

== Dependency

is-extglob

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2016, Jon Schlinkert

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

is-fullwidth-code-point

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

is-glob

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2017, Jon Schlinkert.

---------- (separator) ----------

== Dependency

is-hexadecimal

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

is-negative-zero

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jordan Harband

---------- (separator) ----------

== Dependency

is-number-object

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-plain-obj

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

is-potential-custom-element-name

== License Type

SPDX:MIT

== Copyright

Copyright Mathias Bynens <https://mathiasbynens.be/>

---------- (separator) ----------

== Dependency

is-regex

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jordan Harband

---------- (separator) ----------

== Dependency

is-shared-array-buffer

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2021 Inspect JS

---------- (separator) ----------

== Dependency

is-string

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-symbol

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

is-typedarray

== License Type

SPDX:MIT

== Copyright

Hugh Kennedy <hughskennedy@gmail.com> (http://hughsk.io/)

---------- (separator) ----------

== Dependency

is-url

== License Type

SPDX:MIT

== Copyright

Zeke Sikelianos (https://github.com/zeke)

---------- (separator) ----------

== Dependency

is-weakref

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Inspect JS

---------- (separator) ----------

== Dependency

is-whitespace-character

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

is-word-character

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

isarray

== License Type

SPDX:MIT

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

---------- (separator) ----------

== Dependency

isstream

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Rod Vagg

---------- (separator) ----------

== Dependency

jest-fetch-mock

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Jeff Lau

---------- (separator) ----------

== Dependency

jquery

== License Type

SPDX:MIT

== Copyright

Copyright OpenJS Foundation and other contributors, https://openjsf.org/

---------- (separator) ----------

== Dependency

js-tokens

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014, 2015, 2016, 2017, 2018 Simon Lydell

Copyright 2014, 2015, 2016, 2017, 2018 Simon Lydell

---------- (separator) ----------

== Dependency

jsbn

== License Type

MIT

== Copyright

Copyright (c) 2003-2005 Tom Wu

---------- (separator) ----------

== Dependency

jsdom

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2000 Lars Knoll (knoll@kde.org)

Copyright (C) 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Apple Inc. All rights reserved.

Copyright (c) 2010 Elijah Insua

---------- (separator) ----------

== Dependency

jsesc

== License Type

SPDX:MIT

== Copyright

Copyright Mathias Bynens <https://mathiasbynens.be/>

---------- (separator) ----------

== Dependency

json-2-csv

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) 2014-2020 Michael Rodrigues

---------- (separator) ----------

== Dependency

json-parse-even-better-errors

== License Type

SPDX:MIT

== Copyright

Copyright 2017 Kat Marchán

---------- (separator) ----------

== Dependency

json-schema

== License Type

Dojo is available under *either* the terms of the BSD 3-Clause "New" License *or* the Academic Free License version 2.1. As a recipient of Dojo, you may choose which license to receive this code under (except as noted in per-module LICENSE files). Some modules may not be the copyright of the Dojo Foundation. These modules contain explicit declarations of copyright in both the LICENSE files in the directories in which they reside and in the code itself. No external contributions are allowed under licenses which are fundamentally incompatible with the AFL-2.1 OR and BSD-3-Clause licenses that Dojo is distributed under. The text of the AFL-2.1 and BSD-3-Clause licenses is reproduced below.

BSD 3-Clause "New" License:

****

Copyright (c) 2005-2015, The Dojo Foundation

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of the Dojo Foundation nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER

CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The Academic Free License, v. 2.1:

****

Academic Free License, Version 2.1

== Copyright

Copyright (C) 2003-2004 Lawrence E. Rosen. All rights reserved.

Copyright (c) 2005-2015, The Dojo Foundation

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

json-stringify-safe

== License Type

The ISC License

Copyright (c) Isaac Z. Schlueter and Contributors

ISC License

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

json5

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2018 Aseem Kishore, and others.

---------- (separator) ----------

== Dependency

jspdf

== License Type

SPDX:MIT

== Copyright

Copyright (c) 1989, 1990, 1991, 1992, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved.

Copyright (c) 2008, Adobe Systems Incorporated

Copyright (c) 2010-2021 James Hall <james@parall.ax>, https://github.com/MrRio/jsPDF

Copyright (c) 2012 Jason Siefken, https://github.com/siefkenj/

Copyright (c) 2012 Willow Systems Corporation, https://github.com/willowsystems

Copyright (c) 2013 Eduardo Menezes de Morais, eduardo.morais@usp.br

Copyright (c) 2013 Youssef Beddad, youssef.beddad@gmail.com

Copyright (c) 2014 Aras Abbasi

Copyright (c) 2014 James Robb, https://github.com/jamesbrobb

Copyright (c) 2014 Steven Spungin (TwelveTone LLC) steven@twelvetone.tv

Copyright (c) 2014-2020 Denis Pushkarev

Copyright (c) 2016 Jussi Utunen, u-jussi@suomi24.fi

Copyright (c) 2017 Aras Abbasi

Copyright (c) 2017 Dominik Homberger

Copyright (c) 2018 Aras Abbasi

Copyright (c) 2018 Aras Abbasi (aras.abbasi@gmail.com)

Copyright (c) 2018 Erik Koopmans

Copyright (c) 2019 Aras Abbasi

Copyright (c) 2021 Antti Palola, https://github.com/Pantura

---------- (separator) ----------

== Dependency

jsprim

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012, Joyent, Inc. All rights reserved.

---------- (separator) ----------

== Dependency

levn

== License Type

SPDX:MIT

== Copyright

Copyright (c) George Zahariev

---------- (separator) ----------

== Dependency

lines-and-columns

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2015 Brian Donovan

---------- (separator) ----------

== Dependency

loader-utils

== License Type

SPDX:MIT

== Copyright

Copyright JS Foundation and other contributors

---------- (separator) ----------

== Dependency

locate-path

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

lodash.camelcase

== License Type

SPDX:MIT

== Copyright

Copyright 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright 2012-2016 The Dojo Foundation <http://dojofoundation.org/>

copyright 2009-2016 Jeremy Ashkenas,

---------- (separator) ----------

== Dependency

lodash.has

== License Type

SPDX:MIT

== Copyright

Copyright 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright 2012-2016 The Dojo Foundation <http://dojofoundation.org/>

copyright 2009-2016 Jeremy Ashkenas,

---------- (separator) ----------

== Dependency

lodash.hasin

== License Type

SPDX:MIT

== Copyright

Copyright 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright 2012-2016 The Dojo Foundation <http://dojofoundation.org/>

copyright 2009-2016 Jeremy Ashkenas,

---------- (separator) ----------

== Dependency

lodash.head

== License Type

SPDX:MIT

== Copyright

Copyright 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright 2012-2016 The Dojo Foundation <http://dojofoundation.org/>

copyright 2009-2016 Jeremy Ashkenas,

---------- (separator) ----------

== Dependency

lodash.isempty

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright 2012-2016 The Dojo Foundation <http://dojofoundation.org/>

copyright 2009-2016 Jeremy Ashkenas,

---------- (separator) ----------

== Dependency

lodash.isnil

== License Type

SPDX:MIT

== Copyright

Copyright 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright 2012-2016 The Dojo Foundation <http://dojofoundation.org/>

copyright 2009-2016 Jeremy Ashkenas,

---------- (separator) ----------

== Dependency

lodash.isobject

== License Type

SPDX:MIT

== Copyright

Copyright 2009-2015 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright 2012-2015 The Dojo Foundation <http://dojofoundation.org/>

copyright 2009-2015 Jeremy Ashkenas,

---------- (separator) ----------

== Dependency

lodash.isstring

== License Type

SPDX:MIT

== Copyright

Copyright 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright 2012-2016 The Dojo Foundation <http://dojofoundation.org/>

copyright 2009-2016 Jeremy Ashkenas,

---------- (separator) ----------

== Dependency

lodash.omit

== License Type

SPDX:MIT

== Copyright

Copyright 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright 2012-2016 The Dojo Foundation <http://dojofoundation.org/>

copyright 2009-2016 Jeremy Ashkenas,

---------- (separator) ----------

== Dependency

lodash

== License Type

SPDX:MIT

== Copyright

Copyright 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright 2012-2016 The Dojo Foundation <http://dojofoundation.org/>

copyright 2009-2016 Jeremy Ashkenas,

---------- (separator) ----------

== Dependency

loose-envify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Andres Suarez <zertosh@gmail.com>

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

lru-cache

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

markdown-escapes

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

mdast-add-list-metadata

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 André Staltz (staltz.com)

---------- (separator) ----------

== Dependency

mime-db

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jonathan Ong me@jongleberry.com

---------- (separator) ----------

== Dependency

mime-types

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>

Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

---------- (separator) ----------

== Dependency

mini-create-react-context

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017-2019 James Kyle <me@thejameskyle.com>

Copyright (c) 2019-present StringEpsilon <StringEpsilon@gmail.com>

---------- (separator) ----------

== Dependency

minimatch

== License Type

The ISC License

Copyright (c) 2011-2023 Isaac Z. Schlueter and Contributors

ISC License

== Copyright

Copyright (c) 2011-2023 Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

moment

== License Type

SPDX:MIT

== Copyright

Copyright (c) JS Foundation and other contributors

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

ms

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Zeit, Inc.

---------- (separator) ----------

== Dependency

node-fetch

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 David Frank

---------- (separator) ----------

== Dependency

nwsapi

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2007-2017 Diego Perini

Copyright (C) 2007-2019 Diego Perini

Copyright (c) 2007-2019 Diego Perini (http://www.iport.it/)

---------- (separator) ----------

== Dependency

object-assign

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

object-inspect

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 James Halliday

---------- (separator) ----------

== Dependency

object-is

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jordan Harband

---------- (separator) ----------

== Dependency

object-keys

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2013 Jordan Harband

---------- (separator) ----------

== Dependency

object.assign

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Jordan Harband

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

object.entries

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

object.fromentries

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Jordan Harband

---------- (separator) ----------

== Dependency

object.values

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jordan Harband

---------- (separator) ----------

== Dependency

opencollective-postinstall

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Open Collective

---------- (separator) ----------

== Dependency

optionator

== License Type

SPDX:MIT

== Copyright

Copyright (c) George Zahariev

---------- (separator) ----------

== Dependency

p-limit

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-locate

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

p-try

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

parent-module

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

parse-entities

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <mailto:tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

parse-json

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

---------- (separator) ----------

== Dependency

parse5

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-2019 Ivan Nikulin (ifaaan@gmail.com, https://github.com/inikulin)

---------- (separator) ----------

== Dependency

path-exists

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

path-parse

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Javier Blanco

---------- (separator) ----------

== Dependency

path-to-regexp

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Blake Embrey (hello@blakeembrey.com)

---------- (separator) ----------

== Dependency

path-type

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

performance-now

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2013 Braveg1rl

Copyright (c) 2017 Braveg1rl

---------- (separator) ----------

== Dependency

prelude-ls

== License Type

SPDX:MIT

== Copyright

Copyright (c) George Zahariev

---------- (separator) ----------

== Dependency

promise-polyfill

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Forbes Lindesay

Copyright (c) 2014 Taylor Hakes

---------- (separator) ----------

== Dependency

prop-types-exact

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Airbnb

---------- (separator) ----------

== Dependency

prop-types

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright (c) Facebook, Inc. and its affiliates.

---------- (separator) ----------

== Dependency

psl

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Lupo Montero <lupomontero@gmail.com>

Copyright (c) 2017 Lupo Montero lupomontero@gmail.com

---------- (separator) ----------

== Dependency

punycode

== License Type

SPDX:MIT

== Copyright

Copyright Mathias Bynens <https://mathiasbynens.be/>

---------- (separator) ----------

== Dependency

qs

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2014, Nathan LaFreniere and other [contributors](https://github.com/ljharb/qs/graphs/contributors)

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

query-string

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (http://sindresorhus.com)

---------- (separator) ----------

== Dependency

querystringify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

---------- (separator) ----------

== Dependency

raf

== License Type

SPDX:MIT

== Copyright

Copyright 2013 Chris Dickinson <chris@neversaw.us>

---------- (separator) ----------

== Dependency

ramda

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-2018 Scott Sauyet and Michael Hurley

---------- (separator) ----------

== Dependency

react-addons-test-utils

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

--------------------------------- (separator) ---------------------------------

== Dependency

react-id-generator

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Tomek

--------------------------------- (separator) ---------------------------------

== Dependency

react-is

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

--------------------------------- (separator) ---------------------------------

== Dependency

react-markdown

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, Jon Schlinkert.

Copyright (c) 2015 Espen Hovlandsdal

Copyright (c) Facebook, Inc. and its affiliates.

--------------------------------- (separator) ---------------------------------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

react-mde

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 André Pena

Copyright (c) 2018 Dmitriy Kubyshkin

Copyright (c) 2018 Jed Watson.

---------- (separator) ----------

== Dependency

react-native-base64

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018

---------- (separator) ----------

== Dependency

react-native-i18n

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015-2017 Alexander Zaytsev

---------- (separator) ----------

== Dependency

react-native-safe-area-view

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 React Community

---------- (separator) ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Dependency

react-navigation

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 React Navigation Contributors

---------- (separator) ----------

== Dependency

react-router-dom

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright 2015, Yahoo! Inc.

---------- (separator) ----------

== Dependency

react-router

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright 2015, Yahoo! Inc.

---------- (separator) ----------

== Dependency

react-test-renderer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) Facebook, Inc. and its affiliates.

---------- (separator) ----------

== Dependency

react-toast-notifications

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Joss Mackison

---------- (separator) ----------

== Dependency

react-transition-group

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2013-present, Facebook, Inc.

Copyright (c) 2018, React Community

Copyright 2013-present, Facebook, Inc.

---------- (separator) ----------

== Dependency

reflect.ownkeys

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Glen Mailer

---------- (separator) ----------

== Dependency

regenerator-runtime

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present, Facebook, Inc.

---------- (separator) ----------

== Dependency

remark-parse

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2016 Titus Wormer <tituswormer@gmail.com>

Copyright (c) 2011-2014, Christopher Jeffrey (https://github.com/chjj/)

---------- (separator) ----------

== Dependency

repeat-string

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2015, Jon Schlinkert.

Copyright (c) 2014-2016, Jon Schlinkert.

Copyright © 2016, [Jon Schlinkert](http://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

replace-ext

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

---------- (separator) ----------

== Dependency

require-directory

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Troy Goode <troygoode@gmail.com>

---------- (separator) ----------

== Dependency

require-main-filename

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2016, Contributors

---------- (separator) ----------

== Dependency

requires-port

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

---------- (separator) ----------

== Dependency

resolve-from

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

resolve-pathname

== License Type

SPDX:MIT

== Copyright

Copyright (c) Michael Jackson 2016-2018

---------- (separator) ----------

== Dependency

resolve-url

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Simon Lydell

Copyright 2014 Simon Lydell

---------- (separator) ----------

== Dependency

resolve

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 James Halliday

---------- (separator) ----------

== Dependency

rgbcolor

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Stoyan Stefanov, http://phpied.com/

---------- (separator) ----------

== Dependency

safe-buffer

== License Type

 Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (C) [Feross Aboukhadijeh](http://feross.org)

Copyright (c) Feross Aboukhadijeh

---------- (separator) ----------

== Dependency

safer-buffer

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Nikita Skovoroda <chalkerx@gmail.com>

---------- (separator) ----------

== Dependency

saxes

== License Type

SPDX:ISC

== Copyright

Copyright (c) Contributors

Louis-Dominique Dubeau <ldd@lddubeau.com>

Copyright (c) Isaac Z. Schlueter and Contributors

Copyright Mathias Bynens <https://mathiasbynens.be/>

---------- (separator) ----------

== Dependency

scheduler

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

---------- (separator) ----------

== Dependency

semver

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

set-blocking

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2016, Contributors

---------- (separator) ----------

== Dependency

set-interval-async

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Emilio Almansi

Copyright (c) 2019 Emilio Almansi. All rights reserved.

---------- (separator) ----------

== Dependency

showdown

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2007, John Fraser

copyright (c) 2004, John Gruber

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

side-channel

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

source-map-support

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Evan Wallace

---------- (separator) ----------

== Dependency

source-map

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

---------- (separator) ----------

== Dependency

split-on-first

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

sshpk

== License Type

SPDX:MIT

== Copyright

Copyright Joyent, Inc. All rights reserved.

---------- (separator) ----------

== Dependency

stackblur-canvas

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2010 Mario Klingemann

copyright (c) 2010 Mario Klingemann

---------- (separator) ----------

== Dependency

state-toggle

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

strict-uri-encode

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) Kevin Martensson <kevinmartensson@gmail.com> (github.com/kevva)

---------- (separator) ----------

== Dependency

string-width

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

string.prototype.trimend

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Khaled Al-Ansari

---------- (separator) ----------

== Dependency

string.prototype.trimstart

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Khaled Al-Ansari

---------- (separator) ----------

== Dependency

strip-ansi

== License Type

SPDX:MIT

Copyright © 1988, 2025, Oracle and/or its affiliates.

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

supports-color

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

svg-pathdata

== License Type

SPDX:MIT

== Copyright

Copyright (c) Microsoft Corporation.

Copyright © 2017 Nicolas Froidure

---------- (separator) ----------

== Dependency

symbol-tree

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Joris van der Wel

---------- (separator) ----------

== Dependency

terser

== License Type

Copyright 2012-2018 (c) Mihai Bazon <mihai.bazon@gmail.com>

Copyright © 1988, 2025, Oracle and/or its affiliates.

BSD 2-Clause License

== Copyright

Copyright 2012-2018 (c) Mihai Bazon <mihai.bazon@gmail.com>

---------- (separator) ----------

== Dependency

tesseract.js-core

== License Type

SPDX:Apache-2.0

== Copyright

antimatter15(https://github.com/antimatter15)

---------- (separator) ----------

== Dependency

tesseract.js

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2014-present, Facebook, Inc. -- license (MIT): https://github.com/facebook/regenerator/blob/main/LICENSE */

Copyright 2011 Jon Leighton, MIT LICENSE

---------- (separator) ----------

== Dependency

text-segmentation

== License Type

SPDX:MIT

== Copyright

Copyright (c) ${(new Date()).getFullYear()} ${pkg.author.name} <${pkg.author.url}>

Copyright (c) 2021 Niklas von Hertzen

Copyright (c) 2022 Niklas von Hertzen <https://hertzen.com>

---------- (separator) ----------

== Dependency

tiny-invariant

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Alexander Reardon

---------- (separator) ----------

== Dependency

tiny-warning

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Alexander Reardon

---------- (separator) ----------

== Dependency

to-fast-properties

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Petka Antonov

---------- (separator) ----------

== Dependency

tough-cookie

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 Phil Booth

Copyright (c) 2015, Salesforce.com, Inc.

Copyright (c) 2015-2020, Salesforce.com, Inc.

Copyright (c) 2018, Salesforce.com, Inc.

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- (separator) ----------

== Dependency

tr46

== License Type

SPDX:MIT

== Copyright

Sebastian Mayr <npm@smayr.name>

---------- (separator) ----------

== Dependency

trim-trailing-lines

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <mailto:tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

trim

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 TJ Holowaychuk <tj@vision-media.ca>

---------- (separator) ----------

== Dependency

trough

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

tunnel-agent

== License Type

SPDX:Apache-2.0

== Copyright

Mikeal Rogers <mikeal.rogers@gmail.com> (http://www.futurealoof.com)

---------- (separator) ----------

== Dependency

tweetnacl

== License Type

Unlicense License

== Copyright

Copyright Joyent, Inc. All rights reserved.

---------- (separator) ----------

== Dependency

type-check

== License Type

SPDX:MIT

== Copyright

Copyright (c) George Zahariev

---------- (separator) ----------

== Dependency

unbox-primitive

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

Copyright © 1988, 2025, Oracle and/or its affiliates.

unherit

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unified

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-is

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-remove-position

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-stringify-position

Copyright © 1988, 2025, Oracle and/or its affiliates.

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-visit-parents

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

unist-util-visit

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

universalify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017, Ryan Zimmerman <opensrc@ryanzim.com>

---------- (separator) ----------

== Dependency

url-parse

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

---------- (separator) ----------

== Dependency

utrie

== License Type

SPDX:MIT

== Copyright

Copyright (c) ${(new Date()).getFullYear()} ${pkg.author.name} <${pkg.author.url}>

Copyright (c) 2021 Niklas von Hertzen

Copyright (c) 2022 Niklas von Hertzen <https://hertzen.com>

---------- (separator) ----------

== Dependency

uuid

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2010-2020 Robert Kieffer and other contributors

---------- (separator) ----------

== Dependency

value-equal

== License Type

SPDX:MIT

== Copyright

Copyright (c) Michael Jackson 2016-2018

---------- (separator) ----------

== Dependency

verror

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016, Joyent, Inc. All rights reserved.

---------- (separator) ----------

== Dependency

vfile-location

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

vfile-message

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

vfile

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com>

---------- (separator) ----------

== Dependency

w3c-hr-time

== License Type

Copyright © 1988, 2025, Oracle and/or its affiliates.

SPDX:MIT

== Copyright

Copyright (c) 2017 Tiancheng "Timothy" Gu and other contributors

---------- (separator) ----------

== Dependency

w3c-xmlserializer

== License Type

SPDX:MIT

== Copyright

Copyright © 2016 Sebastian Mayr

---------- (separator) ----------

== Dependency

wasm-feature-detect

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2017 Google Inc.

---------- (separator) ----------

== Dependency

webidl-conversions

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2014, Domenic Denicola

---------- (separator) ----------

== Dependency

whatwg-encoding

== License Type

SPDX:MIT

== Copyright

Copyright © 2016–2018 Domenic Denicola <d@domenic.me>

---------- (separator) ----------

== Dependency

whatwg-mimetype

== License Type

SPDX:MIT

== Copyright

Copyright © 2017–2018 Domenic Denicola <d@domenic.me>

---------- (separator) ----------

== Dependency

whatwg-url

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015–2016 Sebastian Mayr

---------- (separator) ----------

== Dependency

which-boxed-primitive

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Jordan Harband

---------- (separator) ----------

== Dependency

which-module

== License Type

SPDX:ISC

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2016, Contributors

---------- (separator) ----------

== Dependency

word-wrap

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2016, Jon Schlinkert

Copyright (c) 2014-2023, Jon Schlinkert.

Copyright © 2023, [Jon Schlinkert](https://github.com/jonschlinkert).

---------- (separator) ----------

== Dependency

wrap-ansi

== License Type

SPDX:MIT

== Copyright

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

---------- (separator) ----------

== Dependency

ws

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Einar Otto Stangvik <einaros@gmail.com>

---------- (separator) ----------

== Dependency

x-is-string

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Matt-Esch.

---------- (separator) ----------

== Dependency

xml-name-validator

== License Type

SPDX:Apache-2.0

== Copyright

Domenic Denicola <d@domenic.me> (https://domenic.me/)

---------- (separator) ----------

== Dependency

xmlchars

== License Type

SPDX:MIT

== Copyright

Copyright Louis-Dominique Dubeau and contributors to xmlchars

---------- (separator) ----------

== Dependency

xtend

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2014 Raynos.

---------- (separator) ----------

== Dependency

y18n

== License Type

SPDX:ISC

== Copyright

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2015, Contributors

---------- (separator) ----------

== Dependency

yallist

== License Type

SPDX:ISC

== Copyright

Copyright (c) Isaac Z. Schlueter and Contributors

---------- (separator) ----------

== Dependency

yaml

== License Type

SPDX:ISC

== Copyright

Copyright Eemeli Aro <eemeli@gmail.com>

---------- (separator) ----------

== Dependency

yargs-parser

== License Type

SPDX:ISC

== Copyright

Copyright (c) 2016, Contributors

---------- (separator) ----------

== Dependency

yargs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2011 Andrei Mackenzie

Copyright 2010 James Halliday (mail@substack.net)

Copyright 2014 Contributors (ben@npmjs.com)

---------- (separator) ----------

== Dependency

zlibjs

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 imaya

---------- Licenses ----------

---------- (separator) ----------

== SPDX:Apache-2.0

Apache License, Version 2.0

---------- (separator) ----------

== SPDX:BSD-2-Clause

BSD 2-Clause License

---------- (separator) ----------

== SPDX:BSD-3-Clause

BSD 3-Clause License

---------- (separator) ----------

== SPDX:ISC

ISC License

---------- (separator) ----------

== SPDX:MIT

MIT License

Oracle OpenSearch Job Scheduler Licenses

Artifact : org.opensearch.plugin:opensearch-index-management:2.11.0.0

Copyright: OpenSearch Contributors

Copyright © 1988, 2025, Oracle and/or its affiliates.

License: Apache 2.0

./LICENSE

Apache License, Version 2.0

---------- Separator ----------

./NOTICE

OpenSearch (https://opensearch.org/)

Copyright OpenSearch Contributors

---------- Separator ----------

Dependency: ch.randelshofer:fastdoubleparser

Copyright: Werner Randelshofer, Switzerland.

License: MIT

./LICENSE

MIT License

Copyright (c) 2023 Werner Randelshofer, Switzerland.

MIT License

---------- Separator ----------

./NOTICE

FastDoubleParser

This is a Java port of Daniel Lemire's fast_float project.

This project provides parsers for double, float, BigDecimal and BigInteger values.

Copyright

Copyright © 2023 Werner Randelshofer, Switzerland.

Licensing

This code is licensed under MIT License.

https://github.com/wrandelshofer/FastDoubleParser/blob/522be16e145f43308c43b23094e31d5efcaa580e/LICENSE

(The file 'LICENSE' is included in the sources and classes Jar files that are released by this project

- as is required by that license.)

Some portions of the code have been derived from other projects.

All these projects require that we include a copyright notice, and some require that we also include some text of their

license file.

fast_double_parser, Copyright (c) 2022 Daniel Lemire. Apache 2.0 License.

https://github.com/fastfloat/fast_float

https://github.com/fastfloat/fast_float/blob/dc88f6f882ac7eb8ec3765f633835cb76afa0ac2/LICENSE-APACHE

fast_float, Copyright (c) 2021 The fast_float authors. Apache 2.0 License.

https://github.com/fastfloat/fast_float

https://github.com/lemire/fast_double_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE

bigint, Copyright 2020 Tim Buktu. 2-clause BSD License.

https://github.com/tbuktu/bigint/tree/floatfft

https://github.com/tbuktu/bigint/blob/617c8cd8a7c5e4fb4d919c6a4d11e2586107f029/LICENSE

https://github.com/wrandelshofer/FastDoubleParser/blob/39e123b15b71f29a38a087d16a0bc620fc879aa6/bigint-LICENSE

(We only use those portions of the bigint project that can be licensed under 2-clause BSD License.)

(The file 'bigint-LICENSE' is included in the sources and classes Jar files that are released by this project

- as is required by that license.)

---------- Separator ----------

Dependency: com.cronutils:cron-utils

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE

Apache License, Version 2.0

Copyright 2014 Joze Martin Rozanec

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

 Copyright © 1988, 2025, Oracle and/or its affiliates.

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

Dependency: com.fasterxml.jackson.core:jackson-annotations

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Apache License, Version 2.0

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has

been in development since 2007.

It is currently developed by a community of developers.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included

in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

---------- Separator ----------

Dependency: com.fasterxml.jackson.core:jackson-core

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./src/main/resources/META-INF/jackson-core-LICENSE

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./src/main/resources/META-INF/jackson-core-NOTICE

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has

been in development since 2007.

It is currently developed by a community of developers.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included

in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

FastDoubleParser

jackson-core bundles a shaded copy of FastDoubleParser <https://github.com/wrandelshofer/FastDoubleParser>.

That code is available under an MIT license <https://github.com/wrandelshofer/FastDoubleParser/blob/main/LICENSE>

under the following copyright.

Copyright © 2023 Werner Randelshofer, Switzerland. MIT License.

See FastDoubleParser-NOTICE for details of other source code included in FastDoubleParser

 Copyright © 1988, 2025, Oracle and/or its affiliates.

and the licenses and copyrights that apply to that code.

---------- Separator ----------

Dependency: com.fasterxml.jackson.core:jackson-databind

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

Dependency: com.fasterxml.jackson.dataformat:jackson-dataformat-cbor

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./src/main/resources/META-INF/LICENSE

This copy of Jackson JSON processor CBOR module is licensed under the

Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the

specific rights regarding derivative works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

---------- Separator ----------

https://www.apache.org/licenses/LICENSE-2.0

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./avro/src/main/resources/META-INF/NOTICE

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has

been in development since 2007.

It is currently developed by a community of developers.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson components are licensed under Apache (Software) License, version 2.0,

as per accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS file, which is included

in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

---------- Separator ----------

./ion/NOTICE

JacksonIon

Copyright 2012-2016 Amazon.com, Inc. or its affiliates. All Rights Reserved.

---------- Separator ----------

./ion/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./protobuf/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./smile/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

 Copyright © 1988, 2025, Oracle and/or its affiliates.

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

Dependency: com.fasterxml.jackson.dataformat:jackson-dataformat-smile

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./src/main/resources/META-INF/LICENSE

This copy of Jackson JSON processor Smile module is licensed under the

Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the

specific rights regarding derivative works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

---------- Separator ----------

https://www.apache.org/licenses/LICENSE-2.0

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./avro/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./cbor/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./ion/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./ion/src/main/resources/META-INF/NOTICE

Copyright © 1988, 2025, Oracle and/or its affiliates.

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./protobuf/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

Dependency: com.fasterxml.jackson.dataformat:jackson-dataformat-yaml

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./src/main/resources/META-INF/LICENSE

This copy of Jackson JSON processor YAML module is licensed under the

Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the

specific rights regarding derivative works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

---------- Separator ----------

./csv/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./properties/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

 Copyright © 1988, 2025, Oracle and/or its affiliates.

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./toml/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

Dependency: com.github.luben:zstd-jni

Copyright: Luben Karavelov

License: BSD 2-Clause

./LICENSE

Zstd-jni: JNI bindings to Zstd Library

Copyright (c) 2015-present, Luben Karavelov/ All rights reserved.

BSD 2-Clause License

---------- Separator ----------

./src/main/native/LICENSE

BSD License

For Zstandard software

Copyright (c) 2016-present, Facebook, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name Facebook nor the names of its contributors may be used to

endorse or promote products derived from this software without specific

prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---------- Separator ----------

Dependency: com.github.seancfoley:ipaddress

Copyright: seancfoley

License: Apache 2.0

./LICENSE

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

Dependency: com.github.spullara.mustache.java:compiler

Copyright: RightTime, Inc.

License: Apache 2.0

./LICENSE

Copyright 2010 RightTime, Inc.

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

 Copyright © 1988, 2025, Oracle and/or its affiliates.

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

https://www.apache.org/licenses/LICENSE-2.0

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

Dependency: com.google.protobuf:protobuf-java

Copyright: Google Inc.

License: BSD-3-Clause--modified-by-Google

./LICENSE

Copyright 2008 Google Inc. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

Code generated by the Protocol Buffer compiler is owned by the owner

of the input file used when generating it. This code is not

standalone and requires a support library to be linked with it. This

support library is itself covered by the above license.

---------- Separator ----------

https://github.com/protocolbuffers/protobuf/tree/main/LICENSE

BSD-3-Clause--modified-by-Google (same as com.google.protobuf:protobuf-java)

---------- Separator ----------

Dependency: com.jcraft:jzlib

Copyright: JCraft

License: BSD 2-Clause

./LICENSE.txt

JZlib 0.0.* were released under the GNU LGPL license. Later, we have switched

over to a BSD-style license.

Copyright (c) 2000-2011 ymnk, JCraft,Inc. All rights reserved.

BSD 3-Clause License

---------- Separator ----------

Dependency: com.tdunning:t-digest

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICES

The code for the t-digest was originally authored by Ted Dunning

A number of small but very helpful changes have been contributed by Adrien Grand (https://github.com/jpountz)

---------- Separator ----------

Dependency: commons-beanutils:commons-beanutils

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

Apache Commons BeanUtils

Copyright 2000-2019 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

---------- Separator ----------

Dependency: commons-codec:commons-codec

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE-header.txt

 Copyright © 1988, 2025, Oracle and/or its affiliates.

/*

* Licensed to the Apache Software Foundation (ASF) under one or more

* contributor license agreements. See the NOTICE file distributed with

* this work for additional information regarding copyright ownership.

* The ASF licenses this file to You under the Apache License, Version 2.0

* (the "License"); you may not use this file except in compliance with

* the License. You may obtain a copy of the License at

*

* http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

---------- Separator ----------

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

Apache Commons Codec

Copyright 2002-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java

contains test data from http://aspell.net/test/orig/batch0.tab.

Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)

==========

The content of package org.apache.commons.codec.language.bm has been translated from the original php source code available at http://stevemorse.org/phoneticinfo.htm with permission from the original authors.

Original source copyright:

Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

---------- Separator ----------

Dependency: commons-collections:commons-collections

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

Apache Commons Collections

Copyright 2001-2015 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation (http://www.apache.org/).

---------- Separator ----------

Dependency: commons-digester:commons-digester

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./src/examples/rss/LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

Apache Commons Digester

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2001-2010 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation (http://www.apache.org/).

---------- Separator ----------

Dependency: commons-logging:commons-logging

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./license-header.txt

Apache 2.0 (same as commons-codec:commons-codec)

---------- Separator ----------

./NOTICE.txt

Apache Commons Logging

Copyright 2003-2014 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

---------- Separator ----------

Dependency: commons-validator:commons-validator

Copyright: commons-validator

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

Apache Commons Validator

Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

---------- Separator ----------

Dependency: io.sgr:s2-geometry-library-java

Copyright: sgr-io

License: Apache 2.0

./LICENSE

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

Dependency: jakarta.annotation:jakarta.annotation-api

Copyright: Eclipse Foundation

License: EPL 2.0 + GPL v.2 with CPE

Dependency: joda-time:joda-time

Copyright: JodaOrg

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

==========

= NOTICE file corresponding to section 4d of the Apache License Version 2.0 =

==========

This product includes software developed by

Joda.org (https://www.joda.org/).

---------- Separator ----------

Dependency: net.java.dev.jna:jna

Copyright: java-native-access

License: Apache 2.0; LGPL v.2.1

./AL2.0

Apache License, Version 2.0

 Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- Separator ----------

./LGPL2.1

GNU Lesser General Public License, Version 2.1

---------- Separator ----------

./LICENSE

SPDX-License-Identifier: Apache-2.0 OR LGPL-2.1

Java Native Access (JNA) is licensed under the LGPL, version 2.1

or later, or (from version 4.0 onward) the Apache License,

version 2.0.

You can freely decide which license you want to apply to the project.

You may obtain a copy of the LGPL License at:

http://www.gnu.org/licenses/licenses.html

A copy is also included in the downloadable source code package

containing JNA, in file "LGPL2.1", under the same directory

as this file.

You may obtain a copy of the Apache License at:

http://www.apache.org/licenses/

A copy is also included in the downloadable source code package

containing JNA, in file "AL2.0", under the same directory

as this file.

Commercial support may be available, please e-mail

twall[at]users[dot]sf[dot]net.

---------- Separator ----------

./native/libffi/LICENSE

libffi - Copyright (c) 1996-2022 Anthony Green, Red Hat, Inc and others.

See source files for details.

MIT License

---------- Separator ----------

Dependency: net.sf.jopt-simple:jopt-simple

Copyright: Paul R. Holser, Jr.

License: MIT

./LICENSE.txt

/*

The MIT License

Copyright (c) 2004-2015 Paul R. Holser, Jr.

MIT License

*/

---------- Separator ----------

Dependency: org.apache.httpcomponents:httpasyncclient

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache License, Version 2.0

This project contains annotations derived from JCIP-ANNOTATIONS

Copyright (c) 2005 Brian Goetz and Tim Peierls.

See http://www.jcip.net and the Creative Commons Attribution License

(http://creativecommons.org/licenses/by/2.5)

---------- Separator ----------

./NOTICE.txt

Apache HttpComponents AsyncClient

Copyright 2010-2017 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

---------- Separator ----------

Dependency: org.apache.httpcomponents:httpclient

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Apache License, Version 2.0

==========

This project includes Public Suffix List copied from

<https://publicsuffix.org/list/effective_tld_names.dat>

licensed under the terms of the Mozilla Public License, v. 2.0

Full license text: <http://mozilla.org/MPL/2.0/>

Mozilla Public License, Version 2.0

---------- Separator ----------

./NOTICE.txt

Apache HttpComponents Client

Copyright 1999-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

---------- Separator ----------

Dependency: org.apache.httpcomponents:httpcore

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as net.java.dev.jna:jna)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.httpcomponents:httpcore-nio)

---------- Separator ----------

Dependency: org.apache.httpcomponents:httpcore-nio

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as net.java.dev.jna:jna)

---------- Separator ----------

./NOTICE.txt

Apache HttpComponents Core

Copyright 2005-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

---------- Separator ----------

Dependency: org.apache.logging.log4j:log4j-api

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache License, Version 2.0

Copyright 1999-2005 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

./NOTICE.txt

Apache Log4j

Copyright 1999-2023 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java

Copyright 2011 LMAX Ltd.

---------- Separator ----------

Dependency: org.apache.logging.log4j:log4j-core

Copyright: The Apache Software Foundation

License: Apache 2.0

./src/main/resources/META-INF/LICENSE

Apache 2.0 (same as org.apache.logging.log4j:log4j-api)

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

Apache Log4j Core

Copyright 1999-2012 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

---------- Separator ----------

Dependency: org.apache.logging.log4j:log4j-jul

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.apache.logging.log4j:log4j-api)

---------- Separator ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

./NOTICE.txt

(Notice same as org.apache.logging.log4j:log4j-api)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-analysis-common

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache License, Version 2.0

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was

derived from unicode conversion examples available at

http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright

from those sources:

/*

* Copyright 2001-2004 Unicode, Inc.

*

* Disclaimer

*

* This source code is provided as is by Unicode, Inc. No claims are

* made as to fitness for any particular purpose. No warranties of any

* kind are expressed or implied. The recipient agrees to determine

* applicability of information provided. If this file has been

* purchased on magnetic or optical media from Unicode, Inc., the

* sole remedy for any claim will be exchange of defective media

* within 90 days of receipt.

*

* Limitations on Rights to Redistribute This Code

*

* Unicode, Inc. hereby grants the right to freely use the information

* supplied in this file in the creation of products supporting the

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* Unicode Standard, and to make copies of this file in any form

* for internal or external distribution as long as this notice

* remains attached.

*/

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was

derived from Python 2.4.2 sources available at

http://www.python.org. Full license is here:

http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was

derived from Python 3.1.2 sources available at

http://www.python.org. Full license is here:

http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was

derived from Brics automaton sources available at

www.brics.dk/automaton/. Here is the copyright from those sources:

/*

* Copyright (c) 2001-2009 Anders Moeller

* All rights reserved.

*

BSD 3-Clause License

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton

were automatically generated with the moman/finenight FSA package.

Here is the copyright for those sources:

Copyright (c) 2010, Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>

#

MIT License

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was

derived from ICU (http://www.icu-project.org)

The full license is available here:

https://github.com/unicode-org/icu/blob/main/icu4c/LICENSE

/*

* Copyright (C) 1999-2010, International Business Machines

* Corporation and others. All Rights Reserved.

*

ICU License

*/

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter

Copyright (c) 2002, Richard Boulton

All rights reserved.

BSD 3-Clause License

The following license applies to the KStemmer:

Copyright © 2003,

Center for Intelligent Information Retrieval,

University of Massachusetts, Amherst.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

3. The names "Center for Intelligent Information Retrieval" and

"University of Massachusetts" must not be used to endorse or promote products

derived from this software without prior written permission. To obtain

permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS

 Copyright © 1988, 2025, Oracle and/or its affiliates.

"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,

THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE

GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

SUCH DAMAGE.

The following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss

Copyright (c) 2007-2011 Dawid Weiss, Marcin Mi?kowski

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of Morfologik nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from

Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and

is licenced on the terms of (inter alia) LGPL and Creative Commons

ShareAlike. The part-of-speech tags were added in Morfologik project and

are not found in the data from sjp.pl. The tagset is similar to IPI PAN

tagset.

The following license applies to the Morfeusz project,

used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)

http://sgjp.pl/morfeusz/

Copyright © 2011 Zygmunt Saloni, W?odzimierz Gruszczy?ski,

Marcin Woli?ski, Robert Wo?osz

All rights reserved.

BSD 2-Clause License

---

core/src/java/org/apache/lucene/util/compress/LZ4.java is a Java

implementation of the LZ4 (https://github.com/lz4/lz4/tree/dev/lib)

 Copyright © 1988, 2025, Oracle and/or its affiliates.

compression format for Lucene's DataInput/DataOutput abstractions.

LZ4 Library

Copyright (c) 2011-2016, Yann Collet

All rights reserved.

BSD 2-Clause License

---------- Separator ----------

./NOTICE.txt

Apache Lucene

Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,

including, but not limited to:

- Apache Jakarta Regexp

- Apache Commons

- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license

and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such

as the Unicode Character Database. See http://unicode.org/copyright.html for more

details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is

BSD-licensed, created by Anders Møller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were

automatically generated with the moman/finenight FSA library, created by

Jean-Philippe Barrette-LaPierre. This library is available under an MIT license,

see http://sites.google.com/site/rrettesite/moman and

http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from

the Apache CXF project and is Apache License 2.0.

The class org.apache.lucene.util.compress.LZ4 is a Java rewrite of the LZ4

compression library (https://github.com/lz4/lz4/tree/dev/lib) that is licensed

under the 2-clause BSD license.

(https://opensource.org/licenses/bsd-license.php)

The Google Code Prettify is Apache License 2.0.

See http://code.google.com/p/google-code-prettify/

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin

g Package (jaspell): http://jaspell.sourceforge.net/

License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in

analysis/common/src/java/net/sf/snowball

were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in

analysis/common/src/resources/org/apache/lucene/analysis/snowball

were developed by Martin Porter and Richard Boulton.

The full snowball package is available from

https://snowballstem.org/

The KStem stemmer in

analysis/common/src/org/apache/lucene/analysis/en

was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)

under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default

stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:

analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.

See https://github.com/carrot2/carrot2.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/) is derived from Unicode data such as the Unicode Character Database.

See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software

developed by Dawid Weiss and Marcin Mi?kowski

(https://github.com/morfologik/morfologik-stemming) and uses

data from the BSD-licensed dictionary of Polish (SGJP, http://sgjp.pl/morfeusz/).

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original

source code for this can be found at http://www.eclipse.org/jetty/downloads.php

==========

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

==========

This software includes a binary and/or source version of data from

mecab-ipadic-2.7.0-20070801

which can be obtained from

http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

==========

mecab-ipadic-2.7.0-20070801 Notice

==========

Nara Institute of Science and Technology (NAIST),

the copyright holders, disclaims all warranties with regard to this

software, including all implied warranties of merchantability and

fitness, in no event shall NAIST be liable for

any special, indirect or consequential damages or any damages

whatsoever resulting from loss of use, data or profits, whether in an

action of contract, negligence or other tortuous action, arising out

of or in connection with the use or performance of this software.

A large portion of the dictionary entries

originate from ICOT Free Software. The following conditions for ICOT

Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its

 Copyright © 1988, 2025, Oracle and/or its affiliates.

original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution, if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,

Copyright © 1988, 2025, Oracle and/or its affiliates.

regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term
"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the
production of secondary products from the program.
In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

==========

Nori Korean Morphological Analyzer - Apache Lucene Integration

==========

This software includes a binary and/or source version of data from
mecab-ko-dic-2.0.3-20170922
which can be obtained from
https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz

---------- Separator ----------

Dependency: org.apache.lucene:lucene-backward-codecs
Copyright: The Apache Software Foundation
License: Apache 2.0
./LICENSE.txt
Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

 Copyright © 1988, 2025, Oracle and/or its affiliates.

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-core

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-grouping

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-highlighter

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

Dependency: org.apache.lucene:lucene-join

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-memory

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-misc

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-queries

Copyright: The Apache Software Foundation

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-queryparser

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-sandbox

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-spatial-extras

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Copyright © 1988, 2025, Oracle and/or its affiliates.

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-spatial3d

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-suggest

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.hdrhistogram:HdrHistogram

Copyright: Gil Tene, Michael Barker, Matt Warren

License: BSD 2-Clause

./LICENSE.txt

The code in this repository code was Written by Gil Tene, Michael Barker,

and Matt Warren, and released to the public domain, as explained at

 Copyright © 1988, 2025, Oracle and/or its affiliates.

http://creativecommons.org/publicdomain/zero/1.0/

For users of this code who wish to consume it under the "BSD" license rather than under the public domain or CC0 contribution text mentioned above, the code found under this directory is *also* provided under the following license (commonly referred to as the BSD 2-Clause License). This license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author.

** Beginning of "BSD 2-Clause License" text. **

Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene

Copyright (c) 2014 Michael Barker

Copyright (c) 2014 Matt Warren

All rights reserved.

BSD 2-Clause License

---------- Separator ----------

./COPYING.txt

Creative Commons Legal Code

Creative Commons Legal Code

---------- Separator ----------

Dependency: org.javassist:javassist

Copyright: Shigeru Chiba

License: Apache 2.0; LGPL v.2.1; MPL 1.1

./License.html

MOZILLA PUBLIC LICENSE

Version 1.1

Mozilla Public License, Version 1.1

EXHIBIT A -Mozilla Public License.

The contents of this file are subject to the Mozilla Public License

Version 1.1 (the "License"); you may not use this file except in
compliance with the License. You may obtain a copy of the License at
http://www.mozilla.org/MPL/
Software distributed under the License is distributed on an "AS IS"
basis, WITHOUT WARRANTY OF
ANY KIND, either express or implied. See the License for the specific
language governing rights and
limitations under the License.
The Original Code is Javassist.
The Initial Developer of the Original Code is Shigeru Chiba. Portions
created by the Initial Developer are
Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.
Contributor(s): __Bill Burke, Jason T. Greene_____.
Alternatively, the contents of this software may be used under the
terms of the GNU Lesser General Public License Version 2.1 or later
(the "LGPL"), or the Apache License Version 2.0 (the "AL"), in which
case the provisions of the LGPL or the AL are applicable instead of
those above. If you wish to allow use of your version of this
software only under the terms of either the LGPL or the AL, and not
to allow others to use your version of this software under the terms
of the MPL, indicate your decision by deleting the provisions above
and replace them with the notice and other provisions required by the
LGPL or the AL. If you do not delete the provisions above, a
recipient may use your version of this software under the terms of
any one of the MPL, the LGPL or the AL.
---------- Separator ----------
GNU Lesser General Public License
GNU Lesser General Public License, Version 2.1
Version 2.1, February 1999

 Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- Separator ----------

Dependency: org.jetbrains:annotations

Copyright: JetBrains

License: Apache 2.0

./LICENSE.txt

Apache License, Version 2.0

---------- Separator ----------

Dependency: org.jetbrains.kotlin:kotlin-stdlib

Copyright: JetBrains

License: Apache 2.0

./license/COPYRIGHT.txt

null (same as org.jetbrains.kotlin:kotlin-stdlib-common)

---------- Separator ----------

./license/COPYRIGHT_HEADER.txt

null (same as org.jetbrains.kotlin:kotlin-stdlib-common)

---------- Separator ----------

./license/LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./license/NOTICE.txt

null (same as org.jetbrains.kotlin:kotlin-stdlib-common)

---------- Separator ----------

Dependency: org.jetbrains.kotlin:kotlin-stdlib-common

Copyright: JetBrains

License: Apache 2.0

./license/COPYRIGHT.txt

/*

* Copyright 2010-2023 JetBrains s.r.o. and Kotlin Programming Language contributors.

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

* http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

---------- Separator ----------

./license/COPYRIGHT_HEADER.txt

/*

* Copyright 2010-2023 JetBrains s.r.o. and Kotlin Programming Language contributors.

* Use of this source code is governed by the Apache 2.0 license that can be found in the license/LICENSE.txt file.

*/

---------- Separator ----------

./license/LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./license/NOTICE.txt

==========

== NOTICE file corresponding to the section 4 d of ==

== the Apache License, Version 2.0, ==

== in this case for the Kotlin Compiler distribution. ==

==========

Kotlin Compiler

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2010-2023 JetBrains s.r.o and respective authors and developers

---------- Separator ----------

Dependency: org.jetbrains.kotlin:kotlin-stdlib-jdk7

Copyright: JetBrains

License: Apache 2.0

./license/COPYRIGHT.txt

null (same as org.jetbrains.kotlin:kotlin-stdlib-common)

---------- Separator ----------

./license/COPYRIGHT_HEADER.txt

null (same as org.jetbrains.kotlin:kotlin-stdlib-common)

---------- Separator ----------

./license/LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./license/NOTICE.txt

null (same as org.jetbrains.kotlin:kotlin-stdlib-common)

---------- Separator ----------

Dependency: org.jetbrains.kotlinx:kotlinx-coroutines-core

Copyright: JetBrains

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.jetbrains.kotlinx:kotlinx-coroutines-core-jvm)

---------- Separator ----------

./license/NOTICE.txt

Apache 2.0 (same as org.jetbrains.kotlinx:kotlinx-coroutines-core-jvm)

---------- Separator ----------

Dependency: org.jetbrains.kotlinx:kotlinx-coroutines-core-jvm

Copyright: Kotlin

License: Apache 2.0

./LICENSE.txt

Apache License, Version 2.0

Copyright 2000-2020 JetBrains s.r.o. and Kotlin Programming Language contributors.

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

./license/NOTICE.txt

==========

== NOTICE file corresponding to the section 4 d of ==

== the Apache License, Version 2.0, ==

== in this case for the kotlinx.coroutines library. ==

==========

kotlinx.coroutines library.

Copyright 2016-2019 JetBrains s.r.o and respective authors and developers

---------- Separator ----------

Dependency: org.locationtech.jts:jts-core

Copyright: Vivid Solutions

License: BSD 3-Clause; EDL 1.0

./LICENSES.md

JTS Topology Suite Licensing

May 30th, 2017

Project Licenses

 Copyright © 1988, 2025, Oracle and/or its affiliates.

The Eclipse Foundation makes available all content in this project ("Content"). Unless otherwise indicated below, the Content is provided to you under the terms and conditions of either the [Eclipse Public License 1.0](https://www.eclipse.org/legal/epl-v10.html) ("EPL") or the [Eclipse Distribution License 1.0](http://www.eclipse.org/org/documents/edl-v10.php) (a BSD Style License). For purposes of the EPL, "Program" will mean the Content.

If you did not receive this Content directly from the Eclipse Foundation, the Content is being redistributed by another party ("Redistributor") and different terms and conditions may apply to your use of any object code in the Content. Check the Redistributor's license that was provided with the Content. If no such license exists, contact the Redistributor. Unless otherwise indicated below, the terms and conditions of the EPL still apply to any source code in the Content and such source code may be obtained at http://www.eclipse.org.

Third Party Content

The Content includes items that have been sourced from third parties as set out below. If you did not receive this Content directly from the Eclipse Foundation, the following is provided for informational purposes only, and you should look to the Redistributor's license for terms and conditions of use.

GeoTools

JTS includes some code from the GeoTools project. This code has been licensed to the JTS project under the OSGeo BSD License [2] by the GeoTools PSC [3,4].

[2] https://www.osgeo.org/sites/osgeo.org/files/Page/osgeo-bsd-license.txt

[3] https://github.com/geotools/geotools/wiki/JTS-ORA-Contribution

[4] https://github.com/geotools/geotools/wiki/JTS-Shapefile-Contribution

---------- Separator ----------

./LICENSE_EDLv1.txt

Eclipse Distribution License - v 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of the Eclipse Foundation, Inc. nor the names of its

contributors may be used to endorse or promote products derived from this

software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---------- Separator ----------

./LICENSE_EPLv1.txt

Eclipse Public License, Version 1.0 (EPL-1.0)

Eclipse Public License, Version 1.0

---------- Separator ----------

Dependency: org.locationtech.spatial4j:spatial4j

Copyright: The Apache Software Foundation

License: Apache 2.0

./notice.md

Notices for Spatial4j

This content is produced and maintained by the Eclipse Spatial4j project.

* Project home: https://projects.eclipse.org/projects/locationtech.spatial4j

Trademarks

LocationTech Spatial4j, and Spatial4j are trademarks of the Eclipse Foundation.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Declared Project Licenses

This program and the accompanying materials are made available under the terms

of the Apache License, Version 2.0 which is available at

https://www.apache.org/licenses/LICENSE-2.0.

SPDX-License-Identifier: Apache-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/locationtech/spatial4j

Third-party Content

(none)

Cryptography

(none)

---------- Separator ----------

Dependency: org.opensearch:common-utils

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-index-management)

---------- Separator ----------

./NOTICE

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./licenses/APACHE-LICENSE-2.0.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

./protobuf-java-NOTICE.txt

---------- Separator ----------

Dependency: org.opensearch:opensearch-cli

Copyright: OpenSearch Contributors

License: MIT

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-common

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-compress

Copyright: OpenSearch Contributors

License: BSD 2-Clause

./LICENSE.txt

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-core

Copyright: OpenSearch Contributors

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-geo

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-job-scheduler-spi

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

Copyright © 1988, 2025, Oracle and/or its affiliates.

./formatter/license-header.txt

/*

* Copyright OpenSearch Contributors

* SPDX-License-Identifier: Apache-2.0

*

* The OpenSearch Contributors require contributions made to

* this file be licensed under the Apache-2.0 license or a

* compatible open source license.

*/

---------- Separator ----------

./NOTICE

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-secure-sm

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-telemetry

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

 Copyright © 1988, 2025, Oracle and/or its affiliates.

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-x-content

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch.client:opensearch-rest-client

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

OpenSearch (https://opensearch.org/)

Copyright OpenSearch Contributors

This product includes software developed by

Elasticsearch (http://www.elastic.co).

Copyright 2009-2018 Elasticsearch

This product includes software developed by The Apache Software

Foundation (http://www.apache.org/).

This product includes software developed by

Joda.org (http://www.joda.org/).

---------- Separator ----------

Dependency: org.opensearch.client:opensearch-rest-high-level-client

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch.plugin:aggs-matrix-stats-client

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch.plugin:lang-mustache-client

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch.plugin:mapper-extras-client

Copyright: OpenSearch Contributors

License: Apache 2.0

 Copyright © 1988, 2025, Oracle and/or its affiliates.

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch.plugin:parent-join-client

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch.plugin:rank-eval-client

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.slf4j:slf4j-api

Copyright: QOS.ch

License: MIT

./LICENSE.txt

Copyright (c) 2004-2007 QOS.ch

Copyright © 1988, 2025, Oracle and/or its affiliates.

All rights reserved.

MIT License

---------- Separator ----------

Dependency: org.yaml:snakeyaml

Copyright: SnakeYAML.org

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as net.java.dev.jna:jna)

---------- Separator ----------

Oracle OpenSearch Licenses

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache License, Version 2.0

---------- Separator ----------

./NOTICE.txt

OpenSearch (https://opensearch.org/)

Copyright OpenSearch Contributors

This product includes software developed by

Elasticsearch (http://www.elastic.co).

Copyright 2009-2018 Elasticsearch

This product includes software developed by The Apache Software

Foundation (http://www.apache.org/).

This product includes software developed by

Joda.org (http://www.joda.org/).

---------- Separator ----------

Dependency: ch.randelshofer:fastdoubleparser

Copyright: Werner Randelshofer, Switzerland.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License: MIT

./LICENSE

MIT License

Copyright (c) 2023 Werner Randelshofer, Switzerland.

MIT License

---------- Separator ----------

./NOTICE

FastDoubleParser

This is a Java port of Daniel Lemire's fast_float project.

This project provides parsers for double, float, BigDecimal and BigInteger values.

Copyright

Copyright © 2023 Werner Randelshofer, Switzerland.

Licensing

This code is licensed under MIT License.

https://github.com/wrandelshofer/FastDoubleParser/blob/522be16e145f43308c43b23094e31d5efcaa580e/LICENSE

(The file 'LICENSE' is included in the sources and classes Jar files that are released by this project

- as is required by that license.)

Some portions of the code have been derived from other projects.

All these projects require that we include a copyright notice, and some require that we also include some text of their

license file.

fast_double_parser, Copyright (c) 2022 Daniel Lemire. Apache 2.0 License.

https://github.com/fastfloat/fast_float

https://github.com/fastfloat/fast_float/blob/dc88f6f882ac7eb8ec3765f633835cb76afa0ac2/LICENSE-APACHE

fast_float, Copyright (c) 2021 The fast_float authors. Apache 2.0 License.

https://github.com/fastfloat/fast_float

https://github.com/lemire/fast_double_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE

bigint, Copyright 2020 Tim Buktu. 2-clause BSD License.

https://github.com/tbuktu/bigint/tree/floatfft

https://github.com/tbuktu/bigint/blob/617c8cd8a7c5e4fb4d919c6a4d11e2586107f029/LICENSE

https://github.com/wrandelshofer/FastDoubleParser/blob/39e123b15b71f29a38a087d16a0bc620fc879aa6/bigint-LICENSE

(We only use those portions of the bigint project that can be licensed under 2-clause BSD License.)

(The file 'bigint-LICENSE' is included in the sources and classes Jar files that are released by this project

- as is required by that license.)

---------- Separator ----------

Dependency: com.fasterxml.jackson.core:jackson-core

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Apache 2.0 (same as org.opensearch:opensearch-core)

---------- Separator ----------

./src/main/resources/META-INF/jackson-core-LICENSE

Apache 2.0 (same as org.opensearch:opensearch-core)

---------- Separator ----------

./src/main/resources/META-INF/jackson-core-NOTICE

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has

been in development since 2007.

It is currently developed by a community of developers.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included

 Copyright © 1988, 2025, Oracle and/or its affiliates.

in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

FastDoubleParser

jackson-core bundles a shaded copy of FastDoubleParser <https://github.com/wrandelshofer/FastDoubleParser>.

That code is available under an MIT license <https://github.com/wrandelshofer/FastDoubleParser/blob/main/LICENSE>

under the following copyright.

Copyright © 2023 Werner Randelshofer, Switzerland. MIT License.

See FastDoubleParser-NOTICE for details of other source code included in FastDoubleParser

and the licenses and copyrights that apply to that code.

---------- Separator ----------

Dependency: com.google.code.findbugs:jsr305

Copyright: JSR305 expert group

License: BSD 3-Clause

https://confluence.oraclecorp.com/confluence/display/CORPARCH/JCIP+Annotations+Relicensing+Instructions

Copyright (c) 2007-2009, JSR305 expert group

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of the JSR305 expert group nor the names of its

contributors may be used to endorse or promote products derived from

this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR

PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Other copyright notices in this distribution:

== jcip-annotations (RELICENSED to Oracle under BSD 3-clause)

Copyright (c) 2005, Brian Goetz and Tim Peierls

BSD 3-Clause License

---------- Separator ----------

Dependency: org.apache.logging.log4j:log4j-api

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache License, Version 2.0

Copyright 1999-2005 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

./NOTICE.txt

Apache Log4j

Copyright 1999-2023 Apache Software Foundation

 Copyright © 1988, 2025, Oracle and/or its affiliates.

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java

Copyright 2011 LMAX Ltd.

---------- Separator ----------

Dependency: org.apache.lucene:lucene-core

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache License, Version 2.0

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was

derived from unicode conversion examples available at

http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright

from those sources:

/*

* Copyright 2001-2004 Unicode, Inc.

*

* Disclaimer

*

* This source code is provided as is by Unicode, Inc. No claims are

* made as to fitness for any particular purpose. No warranties of any

* kind are expressed or implied. The recipient agrees to determine
* applicability of information provided. If this file has been
* purchased on magnetic or optical media from Unicode, Inc., the
* sole remedy for any claim will be exchange of defective media
* within 90 days of receipt.
*
* Limitations on Rights to Redistribute This Code
*
* Unicode, Inc. hereby grants the right to freely use the information
* supplied in this file in the creation of products supporting the
* Unicode Standard, and to make copies of this file in any form
* for internal or external distribution as long as this notice
* remains attached.
*/

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:
http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:
http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/. Here is the copyright from those sources:

/*
* Copyright (c) 2001-2009 Anders Moeller
* All rights reserved.

BSD 3-Clause License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

*/

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton

were automatically generated with the moman/finenight FSA package.

Here is the copyright for those sources:

Copyright (c) 2010, Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>

#

MIT License

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was

derived from ICU (http://www.icu-project.org)

The full license is available here:

https://github.com/unicode-org/icu/blob/main/icu4c/LICENSE

/*

* Copyright (C) 1999-2010, International Business Machines

* Corporation and others. All Rights Reserved.

*

*

ICU License

*/

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter

Copyright (c) 2002, Richard Boulton

All rights reserved.

BSD 3-Clause License

The following license applies to the KStemmer:

Copyright © 2003,

Center for Intelligent Information Retrieval,

University of Massachusetts, Amherst.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

3. The names "Center for Intelligent Information Retrieval" and

"University of Massachusetts" must not be used to endorse or promote products

derived from this software without prior written permission. To obtain

permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS

"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,

THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE

GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

SUCH DAMAGE.

The following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss

Copyright (c) 2007-2011 Dawid Weiss, Marcin Mi?kowski

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of Morfologik nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from

Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and

is licenced on the terms of (inter alia) LGPL and Creative Commons

ShareAlike. The part-of-speech tags were added in Morfologik project and

are not found in the data from sjp.pl. The tagset is similar to IPI PAN

tagset.

Copyright © 1988, 2025, Oracle and/or its affiliates.

The following license applies to the Morfeusz project,

used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)

http://sgjp.pl/morfeusz/

Copyright © 2011 Zygmunt Saloni, W?odzimierz Gruszczy?ski,

Marcin Woli?ski, Robert Wo?osz

All rights reserved.

BSD 2-Clause License

---

core/src/java/org/apache/lucene/util/compress/LZ4.java is a Java

implementation of the LZ4 (https://github.com/lz4/lz4/tree/dev/lib)

compression format for Lucene's DataInput/DataOutput abstractions.

LZ4 Library

Copyright (c) 2011-2016, Yann Collet

All rights reserved.

BSD 2-Clause License

---------- Separator ----------

./NOTICE.txt

Apache Lucene

Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,

including, but not limited to:

- Apache Jakarta Regexp

- Apache Commons

- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license

Copyright © 1988, 2025, Oracle and/or its affiliates.

and Copyright (c) 1995-2008 International Business Machines Corporation and others
Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.
Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Møller. See http://www.brics.dk/automaton/
The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre. This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/
The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.
The class org.apache.lucene.util.compress.LZ4 is a Java rewrite of the LZ4
compression library (https://github.com/lz4/lz4/tree/dev/lib) that is licensed
under the 2-clause BSD license.
(https://opensource.org/licenses/bsd-license.php)
The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/
This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)
The snowball stemmers in
analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package is available from

Copyright © 1988, 2025, Oracle and/or its affiliates.

https://snowballstem.org/

The KStem stemmer in

analysis/common/src/org/apache/lucene/analysis/en

was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)

under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:

analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed

 Copyright © 1988, 2025, Oracle and/or its affiliates.

by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,

and Edmond Nolan.

The Polish analyzer (stempel) comes with a default

stopword list that is BSD-licensed created by the Carrot2 project. The file resides

in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.

See https://github.com/carrot2/carrot2.

The SmartChineseAnalyzer source code (smartcn) was

provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)

is derived from Unicode data such as the Unicode Character Database.

See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software

developed by Dawid Weiss and Marcin Mi?kowski

(https://github.com/morfologik/morfologik-stemming) and uses

data from the BSD-licensed dictionary of Polish (SGJP, http://sgjp.pl/morfeusz/).

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original

source code for this can be found at http://www.eclipse.org/jetty/downloads.php

==========

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

==========

This software includes a binary and/or source version of data from

mecab-ipadic-2.7.0-20070801

which can be obtained from

http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

==========

mecab-ipadic-2.7.0-20070801 Notice

==========

Nara Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.
A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.
Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution, if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.
NO WARRANTY
The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Each user of the program will agree and understand, and be deemed to have agreed and understood, that there is no warranty whatsoever for the program and, accordingly, the entire risk arising from or otherwise connected with the program is assumed by the user.
Therefore, neither ICOT, the copyright holder, or any other organization that participated in or was otherwise related to the development of the program and their respective officials, directors, officers and other employees shall be held liable for any and all damages, including, without limitation, general, special, incidental and consequential damages, arising out of or otherwise in connection with the use or inability to use the program or any product, material or result produced or otherwise obtained by using the program, regardless of whether they have been advised of, or otherwise had knowledge of, the possibility of such damages at any time during the project or thereafter. Each user will be deemed to have agreed to the foregoing by his or her commencement of use of the program. The term "use" as used herein includes, but is not limited to, the use, modification, copying and distribution of the program and the production of secondary products from the program.
In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.

==========

Nori Korean Morphological Analyzer - Apache Lucene Integration

==========

This software includes a binary and/or source version of data from

mecab-ko-dic-2.0.3-20170922

which can be obtained from

https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz

---------- Separator ----------

Dependency: org.opensearch:opensearch-common

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.opensearch:opensearch-core)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch:opensearch-core)

---------- Separator ----------

Oracle Opensearch Reports Scheduler Licenses

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE

Apache License, Version 2.0

---------- Separator ----------

./NOTICE.txt

OpenSearch (https://opensearch.org/)

Copyright OpenSearch Contributors

---------- Separator ----------

Dependency: com.fasterxml.jackson.core:jackson-annotations

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Copyright © 1988, 2025, Oracle and/or its affiliates.

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has

been in development since 2007.

It is currently developed by a community of developers.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included

in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

---------- Separator ----------

Dependency: ch.randelshofer:fastdoubleparser

Copyright: Werner Randelshofer, Switzerland.

License: MIT

./LICENSE

MIT License

Copyright (c) 2023 Werner Randelshofer, Switzerland.

MIT License

---------- Separator ----------

./NOTICE

FastDoubleParser

This is a Java port of Daniel Lemire's fast_float project.

This project provides parsers for double, float, BigDecimal and BigInteger values.

Copyright

Copyright © 2023 Werner Randelshofer, Switzerland.

Licensing

This code is licensed under MIT License.

https://github.com/wrandelshofer/FastDoubleParser/blob/522be16e145f43308c43b23094e31d5efcaa580e/LICENSE

(The file 'LICENSE' is included in the sources and classes Jar files that are released by this project

- as is required by that license.)

Some portions of the code have been derived from other projects.

All these projects require that we include a copyright notice, and some require that we also include some text of their

license file.

fast_double_parser, Copyright (c) 2022 Daniel Lemire. Apache 2.0 License.

https://github.com/fastfloat/fast_float

https://github.com/fastfloat/fast_float/blob/dc88f6f882ac7eb8ec3765f633835cb76afa0ac2/LICENSE-APACHE

fast_float, Copyright (c) 2021 The fast_float authors. Apache 2.0 License.

https://github.com/fastfloat/fast_float

https://github.com/lemire/fast_double_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE

bigint, Copyright 2020 Tim Buktu. 2-clause BSD License.

https://github.com/tbuktu/bigint/tree/floatfft

https://github.com/tbuktu/bigint/blob/617c8cd8a7c5e4fb4d919c6a4d11e2586107f029/LICENSE

https://github.com/wrandelshofer/FastDoubleParser/blob/39e123b15b71f29a38a087d16a0bc620fc879aa6/bigint-LICENSE

(We only use those portions of the bigint project that can be licensed under 2-clause BSD License.)

(The file 'bigint-LICENSE' is included in the sources and classes Jar files that are released by this project

- as is required by that license.)

---------- Separator ----------

Dependency: com.fasterxml.jackson.core:jackson-core

Copyright: FasterXML,LLC

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License: Apache 2.0

./LICENSE

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./src/main/resources/META-INF/jackson-core-LICENSE

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./src/main/resources/META-INF/jackson-core-NOTICE

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has

been in development since 2007.

It is currently developed by a community of developers.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included

in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

FastDoubleParser

jackson-core bundles a shaded copy of FastDoubleParser <https://github.com/wrandelshofer/FastDoubleParser>.

That code is available under an MIT license <https://github.com/wrandelshofer/FastDoubleParser/blob/main/LICENSE>

under the following copyright.

Copyright © 2023 Werner Randelshofer, Switzerland. MIT License.

See FastDoubleParser-NOTICE for details of other source code included in FastDoubleParser

and the licenses and copyrights that apply to that code.

---------- Separator ----------

Dependency: com.fasterxml.jackson.core:jackson-databind

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.core:jackson-annotations)

---------- Separator ----------

Dependency: com.fasterxml.jackson.dataformat:jackson-dataformat-cbor

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./src/main/resources/META-INF/LICENSE

This copy of Jackson JSON processor CBOR module is licensed under the

Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the

specific rights regarding derivative works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

---------- Separator ----------

https://www.apache.org/licenses/LICENSE-2.0

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./avro/src/main/resources/META-INF/NOTICE

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has

been in development since 2007.

It is currently developed by a community of developers.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson components are licensed under Apache (Software) License, version 2.0,

as per accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS file, which is included

in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

---------- Separator ----------

./ion/NOTICE

JacksonIon

Copyright 2012-2016 Amazon.com, Inc. or its affiliates. All Rights Reserved.

---------- Separator ----------

./ion/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./protobuf/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./smile/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

Dependency: com.fasterxml.jackson.dataformat:jackson-dataformat-smile

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./src/main/resources/META-INF/LICENSE

This copy of Jackson JSON processor Smile module is licensed under the

Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the

specific rights regarding derivative works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

---------- Separator ----------

https://www.apache.org/licenses/LICENSE-2.0

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./avro/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./cbor/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./ion/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./ion/src/main/resources/META-INF/NOTICE

 Copyright © 1988, 2025, Oracle and/or its affiliates.

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./protobuf/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

Dependency: com.fasterxml.jackson.dataformat:jackson-dataformat-yaml

Copyright: FasterXML,LLC

License: Apache 2.0

./LICENSE

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./src/main/resources/META-INF/LICENSE

This copy of Jackson JSON processor YAML module is licensed under the

Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the

specific rights regarding derivative works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

---------- Separator ----------

./csv/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./properties/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

Copyright © 1988, 2025, Oracle and/or its affiliates.

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

./toml/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.dataformat:jackson-dataformat-cbor)

---------- Separator ----------

Dependency: com.github.luben:zstd-jni

Copyright: Luben Karavelov

License: BSD 2-Clause

./LICENSE

Zstd-jni: JNI bindings to Zstd Library

Copyright (c) 2015-present, Luben Karavelov/ All rights reserved.

BSD License

BSD 2-Clause License

---------- Separator ----------

./src/main/native/LICENSE

BSD License

For Zstandard software

Copyright (c) 2016-present, Facebook, Inc. All rights reserved.

BSD 2-Clause License

---------- Separator ----------

Dependency: com.github.wnameless.json:json-base

Copyright: wnameless

License: Apache 2.0

./LICENSE

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

Dependency: com.github.wnameless.json:json-flattener

Copyright: wnameless

License: Apache 2.0

Copyright © 1988, 2025, Oracle and/or its affiliates.

./LICENSE

Apache License, Version 2.0

Copyright 2015 Wei-Ming Wu

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

Dependency: com.google.code.gson:gson

Copyright: Google Inc.

License: Apache 2.0

./LICENSE

Google Gson

Apache License, Version 2.0

Copyright 2008-2011 Google Inc.

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

./LICENSE

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

Dependency: com.google.protobuf:protobuf-java

Copyright: Google Inc.

License: BSD-3-Clause--modified-by-Google

./LICENSE

Copyright 2008 Google Inc. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

Code generated by the Protocol Buffer compiler is owned by the owner

of the input file used when generating it. This code is not

standalone and requires a support library to be linked with it. This

support library is itself covered by the above license.

---------- Separator ----------

https://github.com/protocolbuffers/protobuf/tree/main/LICENSE

BSD-3-Clause--modified-by-Google (same as com.google.protobuf:protobuf-java)

---------- Separator ----------

Dependency: com.jcraft:jzlib

Copyright: JCraft

License: BSD 2-Clause

./LICENSE.txt

JZlib 0.0.* were released under the GNU LGPL license. Later, we have switched

over to a BSD-style license.

Copyright (c) 2000-2011 ymnk, JCraft,Inc. All rights reserved.

BSD 3-Clause License

---------- Separator ----------

Dependency: com.tdunning:t-digest

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./NOTICES

The code for the t-digest was originally authored by Ted Dunning

A number of small but very helpful changes have been contributed by Adrien Grand (https://github.com/jpountz)

---------- Separator ----------

Dependency: jakarta.annotation:jakarta.annotation-api

Copyright: Eclipse Foundation

License: EPL 2.0 + GPL v.2 with CPE

---------- Separator ----------

Dependency: joda-time:joda-time

Copyright: JodaOrg

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./NOTICE.txt

==========

= NOTICE file corresponding to section 4d of the Apache License Version 2.0 =

==========

This product includes software developed by

Joda.org (https://www.joda.org/).

---------- Separator ----------

Dependency: net.java.dev.jna:jna

Copyright: java-native-access

License: Apache 2.0; LGPL v.2.1

./AL2.0

Apache License, Version 2.0

---------- Separator ----------

./LGPL2.1

GNU Lesser General Public License, Version 2.1

---------- Separator ----------

./LICENSE

SPDX-License-Identifier: Apache-2.0 OR LGPL-2.1

Java Native Access (JNA) is licensed under the LGPL, version 2.1

or later, or (from version 4.0 onward) the Apache License,

version 2.0.

You can freely decide which license you want to apply to the project.

You may obtain a copy of the LGPL License at:

http://www.gnu.org/licenses/licenses.html

A copy is also included in the downloadable source code package

containing JNA, in file "LGPL2.1", under the same directory

as this file.

You may obtain a copy of the Apache License at:

http://www.apache.org/licenses/

A copy is also included in the downloadable source code package

containing JNA, in file "AL2.0", under the same directory

as this file.

Commercial support may be available, please e-mail

twall[at]users[dot]sf[dot]net.

---------- Separator ----------

./native/libffi/LICENSE

libffi - Copyright (c) 1996-2022 Anthony Green, Red Hat, Inc and others.

See source files for details.

MIT License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- Separator ----------

Dependency: net.sf.jopt-simple:jopt-simple

Copyright: Paul R. Holser, Jr.

License: MIT

./LICENSE.txt

/*

The MIT License

Copyright (c) 2004-2015 Paul R. Holser, Jr.

MIT License

*/

---------- Separator ----------

Dependency: org.apache.logging.log4j:log4j-api

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache License, Version 2.0

Copyright 1999-2005 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

./NOTICE.txt

Apache Log4j

Copyright 1999-2023 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java

Copyright 2011 LMAX Ltd.

---------- Separator ----------

Dependency: org.apache.logging.log4j:log4j-core

Copyright: The Apache Software Foundation

License: Apache 2.0

./src/main/resources/META-INF/LICENSE

Apache 2.0 (same as org.apache.logging.log4j:log4j-api)

---------- Separator ----------

./src/main/resources/META-INF/NOTICE

Apache Log4j Core

Copyright 1999-2012 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

---------- Separator ----------

Dependency: org.apache.logging.log4j:log4j-jul

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.apache.logging.log4j:log4j-api)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.logging.log4j:log4j-api)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-analysis-common

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache License, Version 2.0

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was

derived from unicode conversion examples available at

http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright

from those sources:

/*

* Copyright 2001-2004 Unicode, Inc.

*

* Disclaimer

*

* This source code is provided as is by Unicode, Inc. No claims are

* made as to fitness for any particular purpose. No warranties of any

* kind are expressed or implied. The recipient agrees to determine

* applicability of information provided. If this file has been

* purchased on magnetic or optical media from Unicode, Inc., the

* sole remedy for any claim will be exchange of defective media

* within 90 days of receipt.

*

* Limitations on Rights to Redistribute This Code

*

* Unicode, Inc. hereby grants the right to freely use the information

* supplied in this file in the creation of products supporting the

* Unicode Standard, and to make copies of this file in any form

* for internal or external distribution as long as this notice

* remains attached.

*/

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was

derived from Python 2.4.2 sources available at

http://www.python.org. Full license is here:

http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was

derived from Python 3.1.2 sources available at

http://www.python.org. Full license is here:

http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was

derived from Brics automaton sources available at

www.brics.dk/automaton/. Here is the copyright from those sources:

/*

* Copyright (c) 2001-2009 Anders Moeller

* All rights reserved.

*

BSD 3-Clause License

*/

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton

were automatically generated with the moman/finenight FSA package.

Here is the copyright for those sources:

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2010, Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>

#

MIT License

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was

derived from ICU (http://www.icu-project.org)

The full license is available here:

https://github.com/unicode-org/icu/blob/main/icu4c/LICENSE

/*

* Copyright (C) 1999-2010, International Business Machines

* Corporation and others. All Rights Reserved.

*

ICU License

*/

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter

Copyright (c) 2002, Richard Boulton

All rights reserved.

BSD 3-Clause License

The following license applies to the KStemmer:

Copyright © 2003,

Center for Intelligent Information Retrieval,

University of Massachusetts, Amherst.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

3. The names "Center for Intelligent Information Retrieval" and

"University of Massachusetts" must not be used to endorse or promote products

derived from this software without prior written permission. To obtain

permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS

"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,

THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE

GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

SUCH DAMAGE.

The following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss

Copyright (c) 2007-2011 Dawid Weiss, Marcin Mi?kowski

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* Neither the name of Morfologik nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from

Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and

is licenced on the terms of (inter alia) LGPL and Creative Commons

ShareAlike. The part-of-speech tags were added in Morfologik project and

are not found in the data from sjp.pl. The tagset is similar to IPI PAN

tagset.

The following license applies to the Morfeusz project,

used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)

http://sgjp.pl/morfeusz/

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright © 2011 Zygmunt Saloni, W?odzimierz Gruszczy?ski,

Marcin Woli?ski, Robert Wo?osz

All rights reserved.

BSD 2-Clause License

---

core/src/java/org/apache/lucene/util/compress/LZ4.java is a Java

implementation of the LZ4 (https://github.com/lz4/lz4/tree/dev/lib)

compression format for Lucene's DataInput/DataOutput abstractions.

LZ4 Library

Copyright (c) 2011-2016, Yann Collet

All rights reserved.

BSD 2-Clause License

---------- Separator ----------

./NOTICE.txt

Apache Lucene

Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,

including, but not limited to:

- Apache Jakarta Regexp

- Apache Commons

- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license

and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such

as the Unicode Character Database. See http://unicode.org/copyright.html for more

details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is

BSD-licensed, created by Anders Møller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre. This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The class org.apache.lucene.util.compress.LZ4 is a Java rewrite of the LZ4
compression library (https://github.com/lz4/lz4/tree/dev/lib) that is licensed
under the 2-clause BSD license.
(https://opensource.org/licenses/bsd-license.php)

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package is available from
https://snowballstem.org/

The KStem stemmer in
analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

Copyright © 1988, 2025, Oracle and/or its affiliates.

The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.
The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java
The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.
The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

See https://github.com/carrot2/carrot2.

The SmartChineseAnalyzer source code (smartcn) was

provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)

is derived from Unicode data such as the Unicode Character Database.

See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software

developed by Dawid Weiss and Marcin Mi?kowski

(https://github.com/morfologik/morfologik-stemming) and uses

data from the BSD-licensed dictionary of Polish (SGJP, http://sgjp.pl/morfeusz/).

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original

source code for this can be found at http://www.eclipse.org/jetty/downloads.php

==========

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

==========

This software includes a binary and/or source version of data from

mecab-ipadic-2.7.0-20070801

which can be obtained from

http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

==========

mecab-ipadic-2.7.0-20070801 Notice

==========

Nara Institute of Science and Technology (NAIST),

the copyright holders, disclaims all warranties with regard to this

software, including all implied warranties of merchantability and

fitness, in no event shall NAIST be liable for

any special, indirect or consequential damages or any damages

whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.
A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.
Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution, if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.
NO WARRANTY
The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.
Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected with the program is assumed by the user.
Therefore, neither ICOT, the copyright holder, or any other

 Copyright © 1988, 2025, Oracle and/or its affiliates.

organization that participated in or was otherwise related to the development of the program and their respective officials, directors, officers and other employees shall be held liable for any and all damages, including, without limitation, general, special, incidental and consequential damages, arising out of or otherwise in connection with the use or inability to use the program or any product, material or result produced or otherwise obtained by using the program, regardless of whether they have been advised of, or otherwise had knowledge of, the possibility of such damages at any time during the project or thereafter. Each user will be deemed to have agreed to the foregoing by his or her commencement of use of the program. The term "use" as used herein includes, but is not limited to, the use, modification, copying and distribution of the program and the production of secondary products from the program.
In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.

==========

Nori Korean Morphological Analyzer - Apache Lucene Integration

==========

This software includes a binary and/or source version of data from
mecab-ko-dic-2.0.3-20170922
which can be obtained from
https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz

---------- Separator ----------

Dependency: org.apache.lucene:lucene-backward-codecs

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-core

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-grouping

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-highlighter

Copyright: The Apache Software Foundation

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-join

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-memory

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-misc

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Copyright © 1988, 2025, Oracle and/or its affiliates.

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-queries

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-queryparser

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-sandbox

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

 Copyright © 1988, 2025, Oracle and/or its affiliates.

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-spatial-extras

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-spatial3d

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

Dependency: org.apache.lucene:lucene-suggest

Copyright: The Apache Software Foundation

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.apache.lucene:lucene-analysis-common)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.apache.lucene:lucene-analysis-common)

Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- Separator ----------

Dependency: org.hdrhistogram:HdrHistogram

Copyright: Gil Tene, Michael Barker, Matt Warren

License: BSD 2-Clause

./LICENSE.txt

The code in this repository code was Written by Gil Tene, Michael Barker,
and Matt Warren, and released to the public domain, as explained at
http://creativecommons.org/publicdomain/zero/1.0/
For users of this code who wish to consume it under the "BSD" license
rather than under the public domain or CC0 contribution text mentioned
above, the code found under this directory is *also* provided under the
following license (commonly referred to as the BSD 2-Clause License). This
license does not detract from the above stated release of the code into
the public domain, and simply represents an additional license granted by
the Author.

** Beginning of "BSD 2-Clause License" text. **

Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene

Copyright (c) 2014 Michael Barker

Copyright (c) 2014 Matt Warren

All rights reserved.

BSD 2-Clause License

---------- Separator ----------

./COPYING.txt

Creative Commons Legal Code

Creative Commons Legal Code

---------- Separator ----------

Dependency: org.jetbrains.kotlin:kotlin-stdlib

Copyright: JetBrains

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License: Apache 2.0

./license/COPYRIGHT.txt

null (same as org.jetbrains.kotlin:kotlin-stdlib-common)

---------- Separator ----------

./license/COPYRIGHT_HEADER.txt

null (same as org.jetbrains.kotlin:kotlin-stdlib-common)

---------- Separator ----------

./license/LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./license/NOTICE.txt

null (same as org.jetbrains.kotlin:kotlin-stdlib-common)

---------- Separator ----------

Dependency: org.jetbrains.kotlin:kotlin-stdlib-common

Copyright: JetBrains

License: Apache 2.0

./license/COPYRIGHT.txt

/*

* Copyright 2010-2023 JetBrains s.r.o. and Kotlin Programming Language contributors.

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

* http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

---------- Separator ----------

./license/COPYRIGHT_HEADER.txt

/*

* Copyright 2010-2023 JetBrains s.r.o. and Kotlin Programming Language contributors.

* Use of this source code is governed by the Apache 2.0 license that can be found in the license/LICENSE.txt file.

*/

---------- Separator ----------

./license/LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./license/NOTICE.txt

==========

== NOTICE file corresponding to the section 4 d of ==

== the Apache License, Version 2.0, ==

== in this case for the Kotlin Compiler distribution. ==

==========

Kotlin Compiler

Copyright 2010-2023 JetBrains s.r.o and respective authors and developers

---------- Separator ----------

Dependency: org.jetbrains.kotlin:kotlin-test

Copyright: JetBrains

License: Apache 2.0

./js/js.ast/License.txt

Google Dart Js backend was removed - https://code.google.com/p/dart/source/detail?r=4771

According to http://www.apache.org/legal/3party.html we can include "Google Dart Js backend" in source form, because code license is "New BSD License" (Authorized License).

 Copyright © 1988, 2025, Oracle and/or its affiliates.

This part of code will be removed when kotlin will be rewritten on kotlin.

---------- Separator ----------

./license/LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./license/NOTICE.txt

(Notice same as org.jetbrains.kotlin:kotlin-stdlib-common)

---------- Separator ----------

./js/js.parser/src/com/google/gwt/dev/js/rhino/COPYING

The files in this package are taken from mozilla's Rhino project.

See http://www.mozilla.org/rhino/

The files modified from Rhino 1.5R3

(ftp://ftp.mozilla.org/pub/js/rhino15R3.zip).

--

The contents of this package are subject to the Netscape Public

License Version 1.1 (the "License"); you may not use this file

except in compliance with the License. You may obtain a copy of

the License at http://www.mozilla.org/NPL/

Software distributed under the License is distributed on an "AS

IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or

implied. See the License for the specific language governing

rights and limitations under the License.

The Original Code is Rhino code, released

May 6, 1999.

The Initial Developer of the Original Code is Netscape

Communications Corporation. Portions created by Netscape are

Copyright (C) 1997-2000 Netscape Communications Corporation. All

Rights Reserved.

Alternatively, the contents of this file may be used under the

terms of the GNU Public License (the "GPL"), in which case the
provisions of the GPL are applicable instead of those above.
If you wish to allow use of your version of this file only
under the terms of the GPL and not to allow others to use your
version of this file under the NPL, indicate your decision by
deleting the provisions above and replace them with the notice
and other provisions required by the GPL. If you do not delete
the provisions above, a recipient may use your version of this
file under either the NPL or the GPL.

---------- Separator ----------

./kotlin-native/runtime/src/main/cpp/snprintf/COPYING

UNLESS SPECIFIED OTHERWISE IN THE INDIVIDUAL SOURCE FILES INCLUDED WITH
THIS PACKAGE, they may freely be used, modified and/or redistributed for
any purpose.

---------- Separator ----------

Dependency: org.jetbrains.kotlinx:kotlinx-coroutines-core

Copyright: JetBrains

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.jetbrains.kotlinx:kotlinx-coroutines-core-jvm)

---------- Separator ----------

./license/NOTICE.txt

Apache 2.0 (same as org.jetbrains.kotlinx:kotlinx-coroutines-core-jvm)

---------- Separator ----------

Dependency: org.jetbrains.kotlinx:kotlinx-coroutines-core-jvm

Copyright: Kotlin

License: Apache 2.0

./LICENSE.txt

Apache License, Version 2.0

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2000-2020 JetBrains s.r.o. and Kotlin Programming Language contributors.

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

./license/NOTICE.txt

==========

== NOTICE file corresponding to the section 4 d of ==

== the Apache License, Version 2.0, ==

== in this case for the kotlinx.coroutines library. ==

==========

kotlinx.coroutines library.

Copyright 2016-2019 JetBrains s.r.o and respective authors and developers

---------- Separator ----------

Dependency: org.json:json

Copyright: JSON.org

License: Public Domain

./LICENSE

Public Domain.

---------- Separator ----------

https://opensource.org/licenses/BSD-3-Clause

Note: This license has also been called the "New BSD License" or "Modified BSD License". See also the 2-clause BSD License.

Copyright <YEAR> <COPYRIGHT HOLDER>

BSD 3-Clause License

---------- Separator ----------

Dependency: org.jsoup:jsoup

Copyright: jsoup.org

License: MIT

./LICENSE

The MIT License

Copyright (c) 2009-2022 Jonathan Hedley <https://jsoup.org/>

MIT License

---------- Separator ----------

Dependency: org.locationtech.jts:jts-core

Copyright: Vivid Solutions

License: BSD 3-Clause; EDL 1.0

./LICENSES.md

JTS Topology Suite Licensing

May 30th, 2017

Project Licenses

The Eclipse Foundation makes available all content in this project ("Content"). Unless otherwise indicated below, the Content is provided to you under the terms and conditions of either the [Eclipse Public License 1.0](https://www.eclipse.org/legal/epl-v10.html) ("EPL") or the [Eclipse Distribution License 1.0](http://www.eclipse.org/org/documents/edl-v10.php) (a BSD Style License). For purposes of the EPL, "Program" will mean the Content.

If you did not receive this Content directly from the Eclipse Foundation, the Content is being redistributed by another party ("Redistributor") and different terms and conditions may apply to your use of any object code in the Content. Check the Redistributor's license that was provided with the Content. If no such license exists, contact the Redistributor. Unless otherwise indicated below, the terms and conditions of the EPL still apply to any source code in the Content and such source code may be obtained at http://www.eclipse.org.

Third Party Content

The Content includes items that have been sourced from third parties as set out below. If you did not receive this Content directly from the Eclipse Foundation, the following is provided for informational purposes only, and you should look to the Redistributor's license for terms and conditions of use.

GeoTools

JTS includes some code from the GeoTools project. This code has been licensed to the JTS project under the OSGeo BSD License [2] by the GeoTools PSC [3,4].

 Copyright © 1988, 2025, Oracle and/or its affiliates.

[2] https://www.osgeo.org/sites/osgeo.org/files/Page/osgeo-bsd-license.txt

[3] https://github.com/geotools/geotools/wiki/JTS-ORA-Contribution

[4] https://github.com/geotools/geotools/wiki/JTS-Shapefile-Contribution

---------- Separator ----------

./LICENSE_EDLv1.txt

Eclipse Distribution License - v 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of the Eclipse Foundation, Inc. nor the names of its

contributors may be used to endorse or promote products derived from this

software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

Copyright © 1988, 2025, Oracle and/or its affiliates.

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---------- Separator ----------

./LICENSE_EPLv1.txt

Eclipse Public License, Version 1.0 (EPL-1.0)

Eclipse Public License, Version 1.0

---------- Separator ----------

Dependency: org.locationtech.spatial4j:spatial4j

Copyright: The Apache Software Foundation

License: Apache 2.0

./notice.md

Notices for Spatial4j

This content is produced and maintained by the Eclipse Spatial4j project.

* Project home: https://projects.eclipse.org/projects/locationtech.spatial4j

Trademarks

LocationTech Spatial4j, and Spatial4j are trademarks of the Eclipse Foundation.

Declared Project Licenses

This program and the accompanying materials are made available under the terms

of the Apache License, Version 2.0 which is available at

https://www.apache.org/licenses/LICENSE-2.0.

SPDX-License-Identifier: Apache-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/locationtech/spatial4j

Third-party Content

(none)

Cryptography

(none)

---------- Separator ----------

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Dependency: org.opensearch:common-utils

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache License

Apache License, Version 2.0

---------- Separator ----------

./NOTICE

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./licenses/APACHE-LICENSE-2.0.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

./protobuf-java-NOTICE.txt

---------- Separator ----------

Dependency: org.opensearch:opensearch-cli

Copyright: OpenSearch Contributors

License: MIT

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-common

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-compress

Copyright: OpenSearch Contributors

License: BSD 2-Clause

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-core

Copyright: OpenSearch Contributors

License: Apache 2.0; BSD 3-Clause; MIT

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./NOTICE.txt

 Copyright © 1988, 2025, Oracle and/or its affiliates.

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-geo

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-job-scheduler-spi

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./formatter/license-header.txt

/*

* Copyright OpenSearch Contributors

* SPDX-License-Identifier: Apache-2.0

*

* The OpenSearch Contributors require contributions made to

* this file be licensed under the Apache-2.0 license or a

* compatible open source license.

*/

---------- Separator ----------

./NOTICE

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-secure-sm

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-telemetry

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./NOTICE.txt

(Notice same as org.opensearch.client:opensearch-rest-client)

---------- Separator ----------

Dependency: org.opensearch:opensearch-x-content

Copyright: OpenSearch Contributors

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as org.opensearch.plugin:opensearch-reports-scheduler)

---------- Separator ----------

./NOTICE.txt

OpenSearch (https://opensearch.org/)

Copyright OpenSearch Contributors

This product includes software developed by

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Elasticsearch (http://www.elastic.co).

Copyright 2009-2018 Elasticsearch

This product includes software developed by The Apache Software

Foundation (http://www.apache.org/).

This product includes software developed by

Joda.org (http://www.joda.org/).

---------- Separator ----------

Dependency: org.yaml:snakeyaml

Copyright: SnakeYAML.org

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as net.java.dev.jna:jna)

---------- Separator ----------

OWASP Java HTML Sanitizer Licenses

You may use under either the Apache License Version 2.0 or the BSD 3-Clause License.

Apache License

Apache License, Version 2.0

Copyright (c) 2011, Mike Samuel

All rights reserved.

BSD 2-Clause License

---------- Fourth-party information ----------

== NAME OF DEPENDENCY

com.googlecode.owasp-java-html-sanitizer » java8-shim

com.googlecode.owasp-java-html-sanitizer » java10-shim

== License Type

Same as top-level license

== Copyright Notices

Same as top-level copyright

==========

com.google.code.findbugs » jsr305

com.google.code.findbugs:annotations

Copyright (c) 2007-2009, JSR305 expert group

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of the JSR305 expert group nor the names of its

contributors may be used to endorse or promote products derived from

this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Other copyright notices in this distribution:

== (NOTE: software jcip-annotations package RELICENSED to Oracle under BSD 3-clause)

Copyright (c) 2005, Brian Goetz and Tim Peierls

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

BSD 3-Clause License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

pip Licenses

Copyright: The pip developers

License: MIT

./LICENSE.txt

Copyright (c) 2008-present The pip developers (see AUTHORS.txt file)

MIT License

---------- Separator ----------

./src/pip/_vendor/cachecontrol/LICENSE.txt

Copyright 2012-2021 Eric Larson

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

./src/pip/_vendor/certifi/LICENSE

This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

This is a bundle of X.509 certificates of public Certificate Authorities

(CA). These were automatically extracted from Mozilla's root certificates

file (certdata.txt). This file can be found in the mozilla source tree:

https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt

It contains the certificates in PEM format and therefore

can be directly used with curl / libcurl / php_curl, or with

an Apache+mod_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

***** BEGIN LICENSE BLOCK *****

This Source Code Form is subject to the terms of the Mozilla Public License,

v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain

one at http://mozilla.org/MPL/2.0/.

***** END LICENSE BLOCK *****

@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

---------- Separator ----------

./src/pip/_vendor/distlib/LICENSE.txt

A. HISTORY OF THE SOFTWARE

==========

Python was created in the early 1990s by Guido van Rossum at Stichting

Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands

as a successor of a language called ABC. Guido remains Python's

principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for

National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)

in Reston, Virginia where he released several versions of the

software.

In May 2000, Guido and the Python core development team moved to

BeOpen.com to form the BeOpen PythonLabs team. In October of the same

year, the PythonLabs team moved to Digital Creations (now Zope

Corporation, see http://www.zope.com). In 2001, the Python Software

Foundation (PSF, see http://www.python.org/psf/) was formed, a

non-profit organization created specifically to own Python-related

Intellectual Property. Zope Corporation is a sponsoring member of

the PSF.

All Python releases are Open Source (see http://www.opensource.org for

the Open Source Definition). Historically, most, but not all, Python

 Copyright © 1988, 2025, Oracle and/or its affiliates.

releases have also been GPL-compatible; the table below summarizes the various releases.

Release Derived Year Owner GPL-from compatible? (1)

0.9.0 thru 1.2 1991-1995 CWI yes

1.3 thru 1.5.2 1.2 1995-1999 CNRI yes

1.6 1.5.2 2000 CNRI no

2.0 1.6 2000 BeOpen.com no

1.6.1 1.6 2001 CNRI yes (2)

2.1 2.0+1.6.1 2001 PSF no

2.0.1 2.0+1.6.1 2001 PSF yes

2.1.1 2.1+2.0.1 2001 PSF yes

2.2 2.1.1 2001 PSF yes

2.1.2 2.1.1 2002 PSF yes

2.1.3 2.1.2 2002 PSF yes

2.2.1 2.2 2002 PSF yes

2.2.2 2.2.1 2002 PSF yes

2.2.3 2.2.2 2003 PSF yes

2.3 2.2.2 2002-2003 PSF yes

2.3.1 2.3 2002-2003 PSF yes

2.3.2 2.3.1 2002-2003 PSF yes

2.3.3 2.3.2 2002-2003 PSF yes

2.3.4 2.3.3 2004 PSF yes

2.3.5 2.3.4 2005 PSF yes

2.4 2.3 2004 PSF yes

2.4.1 2.4 2005 PSF yes

2.4.2 2.4.1 2005 PSF yes

2.4.3 2.4.2 2006 PSF yes

2.4.4 2.4.3 2006 PSF yes

Copyright © 1988, 2025, Oracle and/or its affiliates.

2.5 2.4 2006 PSF yes

2.5.1 2.5 2007 PSF yes

2.5.2 2.5.1 2008 PSF yes

2.5.3 2.5.2 2008 PSF yes

2.6 2.5 2008 PSF yes

2.6.1 2.6 2008 PSF yes

2.6.2 2.6.1 2009 PSF yes

2.6.3 2.6.2 2009 PSF yes

2.6.4 2.6.3 2009 PSF yes

2.6.5 2.6.4 2010 PSF yes

3.0 2.6 2008 PSF yes

3.0.1 3.0 2009 PSF yes

3.1 3.0.1 2009 PSF yes

3.1.1 3.1 2009 PSF yes

3.1.2 3.1 2010 PSF yes

3.2 3.1 2010 PSF yes

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under
the GPL. All Python licenses, unlike the GPL, let you distribute
a modified version without making your changes open source. The
GPL-compatible licenses make it possible to combine Python with
other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
because its license has a choice of law clause. According to
CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1
is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's
direction to make these releases possible.

B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON

 Copyright © 1988, 2025, Oracle and/or its affiliates.

==========

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

---

1. This LICENSE AGREEMENT is between the Python Software Foundation
("PSF"), and the Individual or Organization ("Licensee") accessing and
otherwise using this software ("Python") in source or binary form and
its associated documentation.

2. Subject to the terms and conditions of this License Agreement, PSF hereby
grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce,
analyze, test, perform and/or display publicly, prepare derivative works,
distribute, and otherwise use Python alone or in any derivative version,
provided, however, that PSF's License Agreement and PSF's notice of copyright,
i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010
Python Software Foundation; All Rights Reserved" are retained in Python alone or
in any derivative version prepared by Licensee.

3. In the event Licensee prepares a derivative work that is based on
or incorporates Python or any part thereof, and wants to make
the derivative work available to others as provided herein, then
Licensee hereby agrees to include in any such work a brief summary of
the changes made to Python.

4. PSF is making Python available to Licensee on an "AS IS"
basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR
IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND
DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS
FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT
INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON
FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS
A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON,

Copyright © 1988, 2025, Oracle and/or its affiliates.

OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.

BEOPEN.COM LICENSE AGREEMENT FOR PYTHON 2.0

BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT VERSION 1

1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an office at 160 Saratoga Avenue, Santa Clara, CA 95051, and the Individual or Organization ("Licensee") accessing and otherwise using this software in source or binary form and its associated documentation ("the Software").

2. Subject to the terms and conditions of this BeOpen Python License Agreement, BeOpen hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use the Software alone or in any derivative version, provided, however, that the BeOpen Python License is retained in the Software, alone or in any derivative version prepared by Licensee.

3. BeOpen is making the Software available to Licensee on an "AS IS" basis. BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND

Copyright © 1988, 2025, Oracle and/or its affiliates.

DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

4. BEOPEN SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

5. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

6. This License Agreement shall be governed by and interpreted in all respects by the law of the State of California, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between BeOpen and Licensee. This License Agreement does not grant permission to use BeOpen trademarks or trade names in a trademark sense to endorse or promote products or services of Licensee, or any third party. As an exception, the "BeOpen Python" logos available at http://www.pythonlabs.com/logos.html may be used according to the permissions granted on that web page.

7. By copying, installing or otherwise using the software, Licensee agrees to be bound by the terms and conditions of this License Agreement.

CNRI LICENSE AGREEMENT FOR PYTHON 1.6.1

---

1. This LICENSE AGREEMENT is between the Corporation for National Research Initiatives, having an office at 1895 Preston White Drive, Reston, VA 20191 ("CNRI"), and the Individual or Organization ("Licensee") accessing and otherwise using Python 1.6.1 software in source or binary form and its associated documentation.

Copyright © 1988, 2025, Oracle and/or its affiliates.

2. Subject to the terms and conditions of this License Agreement, CNRI hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python 1.6.1 alone or in any derivative version, provided, however, that CNRI's License Agreement and CNRI's notice of copyright, i.e., "Copyright (c) 1995-2001 Corporation for National Research Initiatives; All Rights Reserved" are retained in Python 1.6.1 alone or in any derivative version prepared by Licensee. Alternately, in lieu of CNRI's License Agreement, Licensee may substitute the following text (omitting the quotes): "Python 1.6.1 is made available subject to the terms and conditions in CNRI's License Agreement. This Agreement together with Python 1.6.1 may be located on the Internet using the following unique, persistent identifier (known as a handle): 1895.22/1013. This Agreement may also be obtained from a proxy server on the Internet using the following URL: http://hdl.handle.net/1895.22/1013".

3. In the event Licensee prepares a derivative work that is based on or incorporates Python 1.6.1 or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python 1.6.1.

4. CNRI is making Python 1.6.1 available to Licensee on an "AS IS" basis. CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 1.6.1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 1.6.1 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS

 Copyright © 1988, 2025, Oracle and/or its affiliates.

A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 1.6.1, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. This License Agreement shall be governed by the federal intellectual property law of the United States, including without limitation the federal copyright law, and, to the extent such U.S. federal law does not apply, by the law of the Commonwealth of Virginia, excluding Virginia's conflict of law provisions. Notwithstanding the foregoing, with regard to derivative works based on Python 1.6.1 that incorporate non-separable material that was previously distributed under the GNU General Public License (GPL), the law of the Commonwealth of Virginia shall govern this License Agreement only as to issues arising under or with respect to Paragraphs 4, 5, and 7 of this License Agreement. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between CNRI and Licensee. This License Agreement does not grant permission to use CNRI trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By clicking on the "ACCEPT" button where indicated, or by copying, installing or otherwise using Python 1.6.1, Licensee agrees to be bound by the terms and conditions of this License Agreement.

ACCEPT

CWI LICENSE AGREEMENT FOR PYTHON 0.9.0 THROUGH 1.2

Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reserved.

Permission to use, copy, modify, and distribute this software and its

documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appear in all copies and that
both that copyright notice and this permission notice appear in
supporting documentation, and that the name of Stichting Mathematisch
Centrum or CWI not be used in advertising or publicity pertaining to
distribution of the software without specific, written prior
permission.

STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL STICHTING MATHEMATISCH CENTRUM BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

---------- Separator ----------

./src/pip/_vendor/distro/LICENSE

Apache License

Apache License, Version 2.0

---------- Separator ----------

./src/pip/_vendor/idna/LICENSE.md

BSD 3-Clause License

Copyright (c) 2013-2024, Kim Davies and contributors.

All rights reserved.

BSD 3-Clause License

---------- Separator ----------

./src/pip/_vendor/packaging/LICENSE

This software is made available under the terms of *either* of the licenses
found in LICENSE.APACHE or LICENSE.BSD. Contributions to this software is made
under the terms of *both* these licenses.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

---------- Separator ----------

./src/pip/_vendor/packaging/LICENSE.APACHE

Apache License

Apache License, Version 2.0

---------- Separator ----------

./src/pip/_vendor/packaging/LICENSE.BSD

Copyright (c) Donald Stufft and individual contributors.

All rights reserved.

BSD 2-Clause License

---------- Separator ----------

./src/pip/_vendor/pkg_resources/LICENSE

MIT License

---------- Separator ----------

./src/pip/_vendor/platformdirs/LICENSE

MIT License

Copyright (c) 2010-202x The platformdirs developers

MIT License

---------- Separator ----------

./src/pip/_vendor/pygments/LICENSE

Copyright (c) 2006-2022 by the respective authors (see AUTHORS file).

All rights reserved.

BSD 2-Clause License

---------- Separator ----------

./src/pip/_vendor/pyproject_hooks/LICENSE

The MIT License (MIT)

Copyright (c) 2017 Thomas Kluyver

MIT License

---------- Separator ----------

./src/pip/_vendor/requests/LICENSE

Apache License

Apache License, Version 2.0

---------- Separator ----------

./src/pip/_vendor/resolvelib/LICENSE

Copyright (c) 2018, Tzu-ping Chung <uranusjr@gmail.com>

ISC License

---------- Separator ----------

./src/pip/_vendor/rich/LICENSE

Copyright (c) 2020 Will McGugan

MIT License

---------- Separator ----------

./src/pip/_vendor/tomli/LICENSE

MIT License

Copyright (c) 2021 Taneli Hukkinen

MIT License

---------- Separator ----------

./src/pip/_vendor/truststore/LICENSE

The MIT License (MIT)

Copyright (c) 2022 Seth Michael Larson

MIT License

---------- Separator ----------

./src/pip/_vendor/urllib3/LICENSE.txt

MIT License

Copyright (c) 2008-2020 Andrey Petrov and contributors (see CONTRIBUTORS.txt)

MIT License

---------- Separator ----------

./src/pip/_vendor/msgpack/COPYING

Copyright (C) 2008-2011 INADA Naoki <songofacandy@gmail.com>

Licensed under the Apache License, Version 2.0 (the "License");

 Copyright © 1988, 2025, Oracle and/or its affiliates.

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

---------- Separator ----------

Pluto Fourth-Party Licenses

4th party dependencies distributed by PeopleSoft for Pluto 1.0.1:

Apache 1.1 License

---

xml-apis-1.4.0.1.jar

The Apache Software License, Version 1.1

Apache License, Version 1.1

Apache 2.0

---

xerceslmpl-2.12.1.jar

==========

== NOTICE file corresponding to section 4(d) of the Apache License, ==

== Version 2.0, in this case for the Apache Xerces Java distribution. ==

==========

Copyright 1999-2018 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Portions of this software were originally based on the following:

- software copyright (c) 1999, IBM Corporation., http://www.ibm.com.

- software copyright (c) 1999, Sun Microsystems., http://www.sun.com.

- voluntary contributions made by Paul Eng on behalf of the

Apache Software Foundation that were originally developed at iClick, Inc.,

software copyright (c) 1999.

commons-logging-1.1.1.jar

* Copyright 2001-2004 The Apache Software Foundation.

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

* http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

portlet-api-1.0.jar

* Copyright 2003,2004 The Apache Software Foundation.

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

* http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

POI Licenses

---------- Top-level license ----------

Apache License

Apache License, Version 2.0

APACHE POI SUBCOMPONENTS:

Apache POI includes subcomponents with separate copyright notices and

license terms. Your use of these subcomponents is subject to the terms

and conditions of the following licenses:

Office Open XML schemas (poi-ooxml-full-*.jar)

The Office Open XML schema definitions used by Apache POI are

a part of the Office Open XML ECMA Specification (ECMA-376, [1]).

As defined in section 9.4 of the ECMA bylaws [2], this specification

is available to all interested parties without restriction:

9.4 All documents when approved shall be made available to

all interested parties without restriction.

Furthermore, both Microsoft and Adobe have granted patent licenses

to this work [3,4,5].

[1] https://www.ecma-international.org/publications/standards/Ecma-376.htm

[2] https://www.ecma-international.org/memento/Ecmabylaws.htm

[3] https://www.microsoft.com/openspecifications/en/us/programs/osp/default.aspx

[4] https://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/

Patent%20statements%20ok/ECMA-376%20Edition%202%20Microsoft%20Patent%20Declaration.pdf

[5] https://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/

Patent%20statements%20ok/ECMA-376%20Adobe%20Patent%20Declaration.pdf

Copyright © 1988, 2025, Oracle and/or its affiliates.

org.apache.poi.util.ReplacingInputStream is based on code from

inbot-utils (https://github.com/Inbot/inbot-utils)

The MIT License (MIT)

Copyright (c) 2015 Inbot

MIT License

ExceptionUtils is derived from `scala.util.control.NonFatal` in scala-library

which was released under the Apache 2.0 license.

Copyright (c) 2002-2023 EPFL

Copyright (c) 2011-2023 Lightbend, Inc.

The POI Source Release bundles the Gradle Wrapper. (https://docs.gradle.org/current/userguide/gradle_wrapper.html)

This is released under the Apache License, v2.0.

Copyright © 2015-2021 the original authors.

The wrapper.gradle file was developed by the Apache Kafka project and is released under the Apache License, v2.0.

---------- Copyright notices ----------

Apache POI

Copyright 2003-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

This product contains parts that were originally based on software from BEA.

Copyright (c) 2000-2003, BEA Systems, <http://www.bea.com/> (dead link),

which was acquired by Oracle Corporation in 2008.

<http://www.oracle.com/us/corporate/Acquisitions/bea/index.html>

<https://en.wikipedia.org/wiki/BEA_Systems>

Note: The ASF Secretary has on hand a Software Grant Agreement (SGA) from

BEA Systems, Inc. dated 9 Sep 2003 for XMLBeans signed by their EVP/CFO.

This product contains W3C XML Schema documents. Copyright 2001-2003 (c)

World Wide Web Consortium (Massachusetts Institute of Technology, European

Research Consortium for Informatics and Mathematics, Keio University)

 Copyright © 1988, 2025, Oracle and/or its affiliates.

This product contains the chunks_parse_cmds.tbl file from the vsdump program.

Copyright (C) 2006-2007 Valek Filippov (frob@df.ru)

This product contains parts of the eID Applet project

<http://eid-applet.googlecode.com> and <https://github.com/e-Contract/eid-applet>.

Copyright (c) 2009-2018

FedICT (federal ICT department of Belgium), e-Contract.be BVBA (https://www.e-contract.be),

Bart Hanssens from FedICT

ExceptionUtils is derived from `scala.util.control.NonFatal` in scala-library

which was released under the Apache 2.0 license.

Copyright (c) 2002-2023 EPFL

Copyright (c) 2011-2023 Lightbend, Inc.

Scala includes software developed at

LAMP/EPFL (https://lamp.epfl.ch/) and

Lightbend, Inc. (https://www.lightbend.com/).

---------- Fourth-party information ----------

== NAME OF DEPENDENCY 1

com.zaxxer:SparseBitSet

== License Type

Apache License Version 2.0

== DEPENDENCY COPYRIGHT NOTICE:

/*- This software is the work of Paladin Software International, Incorporated,

* based upon previous work done for and by Sun Microsystems, Inc. */

----------(separator)----------

== NAME OF DEPENDENCY 2

commons-codec:commons-codec

== License Type

Apache License Version 2.0

== Copyright Notices

Apache Commons Codec

Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

--------------------------------(separator)--------------------------------

== NAME OF DEPENDENCY 3

commons-io:commons-io

== License Type

Apache License Version 2.0

== Copyright Notices

Apache Commons IO

Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

--------------------------------(separator)--------------------------------

== NAME OF DEPENDENCY 4

org.apache.commons:commons-collections4

== License Type

Apache License Version 2.0

== Copyright Notices

Apache Commons Collections

Copyright 2001-2019 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

--------------------------------(separator)--------------------------------

== NAME OF DEPENDENCY 5

== DEPENDENCY: org.apache.commons:commons-math3:jar

== License Type

Apache License

Version 2.0, January 2004

Copyright © 1988, 2025, Oracle and/or its affiliates.

Apache Commons Math includes the following code provided to the ASF under the
Apache License 2.0:
- The inverse error function implementation in the Erf class is based on CUDA
code developed by Mike Giles, Oxford-Man Institute of Quantitative Finance,
and published in GPU Computing Gems, volume 2, 2010 (grant received on
March 23th 2013)
- The LinearConstraint, LinearObjectiveFunction, LinearOptimizer,
RelationShip, SimplexSolver and SimplexTableau classes in package
org.apache.commons.math3.optimization.linear include software developed by
Benjamin McCann (http://www.benmccann.com) and distributed with
the following copyright: Copyright 2009 Google Inc. (grant received on
March 16th 2009)
- The class "org.apache.commons.math3.exception.util.LocalizedFormatsTest" which
is an adapted version of "OrekitMessagesTest" test class for the Orekit library
- The "org.apache.commons.math3.analysis.interpolation.HermiteInterpolator"
has been imported from the Orekit space flight dynamics library.

==========

APACHE COMMONS MATH DERIVATIVE WORKS:
The Apache commons-math library includes a number of subcomponents
whose implementation is derived from original sources written
in C or Fortran. License terms of the original sources
are reproduced below.

==========

For the lmder, lmpar and qrsolv Fortran routine from minpack and translated in
the LevenbergMarquardtOptimizer class in package
org.apache.commons.math3.optimization.general
Original source copyright and license statement:
Minpack Copyright Notice (1999) University of Chicago. All rights reserved
Redistribution and use in source and binary forms, with or

without modification, are permitted provided that the
following conditions are met:
1. Redistributions of source code must retain the above
copyright notice, this list of conditions and the following
disclaimer.
2. Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following
disclaimer in the documentation and/or other materials
provided with the distribution.
3. The end-user documentation included with the
redistribution, if any, must include the following
acknowledgment:
"This product includes software developed by the
University of Chicago, as Operator of Argonne National
Laboratory.
Alternately, this acknowledgment may appear in the software
itself, if and wherever such third-party acknowledgments
normally appear.
4. WARRANTY DISCLAIMER. THE SOFTWARE IS SUPPLIED "AS IS"
WITHOUT WARRANTY OF ANY KIND. THE COPYRIGHT HOLDER, THE
UNITED STATES, THE UNITED STATES DEPARTMENT OF ENERGY, AND
THEIR EMPLOYEES: (1) DISCLAIM ANY WARRANTIES, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES
OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE
OR NON-INFRINGEMENT, (2) DO NOT ASSUME ANY LEGAL LIABILITY
OR RESPONSIBILITY FOR THE ACCURACY, COMPLETENESS, OR
USEFULNESS OF THE SOFTWARE, (3) DO NOT REPRESENT THAT USE OF
THE SOFTWARE WOULD NOT INFRINGE PRIVATELY OWNED RIGHTS, (4)
DO NOT WARRANT THAT THE SOFTWARE WILL FUNCTION

 Copyright © 1988, 2025, Oracle and/or its affiliates.

UNINTERRUPTED, THAT IT IS ERROR-FREE OR THAT ANY ERRORS WILL
BE CORRECTED.

5. LIMITATION OF LIABILITY. IN NO EVENT WILL THE COPYRIGHT
HOLDER, THE UNITED STATES, THE UNITED STATES DEPARTMENT OF
ENERGY, OR THEIR EMPLOYEES: BE LIABLE FOR ANY INDIRECT,
INCIDENTAL, CONSEQUENTIAL, SPECIAL OR PUNITIVE DAMAGES OF
ANY KIND OR NATURE, INCLUDING BUT NOT LIMITED TO LOSS OF
PROFITS OR LOSS OF DATA, FOR ANY REASON WHATSOEVER, WHETHER
SUCH LIABILITY IS ASSERTED ON THE BASIS OF CONTRACT, TORT
(INCLUDING NEGLIGENCE OR STRICT LIABILITY), OR OTHERWISE,
EVEN IF ANY OF SAID PARTIES HAS BEEN WARNED OF THE
POSSIBILITY OF SUCH LOSS OR DAMAGES.

==========

Copyright and license statement for the odex Fortran routine developed by
E. Hairer and G. Wanner and translated in GraggBulirschStoerIntegrator class
in package org.apache.commons.math3.ode.nonstiff:

Copyright (c) 2004, Ernst Hairer

BSD 2-Clause License

==========

Copyright and license statement for the original Mersenne twister C
routines translated in MersenneTwister class in package
org.apache.commons.math3.random:

Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura,
All rights reserved.

BSD 3-Clause License

==========

The initial code for shuffling an array (originally in class
"org.apache.commons.math3.random.RandomDataGenerator", now replaced by
a method in class "org.apache.commons.math3.util.MathArrays") was

inspired from the algorithm description provided in

"Algorithms", by Ian Craw and John Pulham (University of Aberdeen 1999).

The textbook (containing a proof that the shuffle is uniformly random) is

available here:

http://citeseerx.ist.psu.edu/viewdoc/download;?doi=10.1.1.173.1898&rep=rep1&type=pdf

==========

License statement for the direction numbers in the resource files for Sobol sequences.

Licence pertaining to sobol.cc and the accompanying sets of direction numbers

---

Copyright (c) 2008, Frances Y. Kuo and Stephen Joe

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

* Neither the names of the copyright holders nor the names of the

University of New South Wales and the University of Waikato

and its contributors may be used to endorse or promote products derived

from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS ``AS IS" AND ANY

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

 Copyright © 1988, 2025, Oracle and/or its affiliates.

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==========

The initial commit of package "org.apache.commons.math3.ml.neuralnet" is

an adapted version of code developed in the context of the Data Processing

and Analysis Consortium (DPAC) of the "Gaia" project of the European Space

Agency (ESA).

==========

The initial commit of the class "org.apache.commons.math3.special.BesselJ" is

an adapted version of code translated from the netlib Fortran program, rjbesl

http://www.netlib.org/specfun/rjbesl by R.J. Cody at Argonne National

Laboratory (USA). There is no license or copyright statement included with the

original Fortran sources.

==========

The BracketFinder (package org.apache.commons.math3.optimization.univariate)

and PowellOptimizer (package org.apache.commons.math3.optimization.general)

classes are based on the Python code in module "optimize.py" (version 0.5)

developed by Travis E. Oliphant for the SciPy library (http://www.scipy.org/)

Copyright © 2003-2009 SciPy Developers.

SciPy license

Copyright © 2001, 2002 Enthought, Inc.

All rights reserved.

Copyright © 2003-2013 SciPy Developers.

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

* Neither the name of Enthought nor the names of the SciPy Developers may

be used to endorse or promote products derived from this software without

specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS “AS IS” AND ANY

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==========

== Copyright Notices

Apache Commons Math

Copyright 2001-2016 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

This product includes software developed for Orekit by

CS Systèmes d'Information (http://www.c-s.fr/)

Copyright 2010-2012 CS Systèmes d'Information

----------(separator)----------

 Copyright © 1988, 2025, Oracle and/or its affiliates.

== NAME OF DEPENDENCY 6

org.apache.logging.log4j:log4j-api

== License Type

Apache License Version 2.0

== Copyright Notices

Apache Log4j

Copyright 1999-2023 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (http://picocli.info)

Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java

Copyright 2011 LMAX Ltd.

---

pycparser License

Copyright: Eli Bendersky

License: BSD 3-Clause

./LICENSE

pycparser -- A C parser in Python

Copyright (c) 2008-2022, Eli Bendersky

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of the copyright holder nor the names of its contributors may

be used to endorse or promote products derived from this software without

specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE

GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT

OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---------- Separator ----------

./pycparser/ply/LICENSE

PLY (Python Lex-Yacc) Version 3.10

Copyright (C) 2001-2017

David M. Beazley (Dabeaz LLC)

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are

 Copyright © 1988, 2025, Oracle and/or its affiliates.

met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of the David Beazley or Dabeaz LLC may be used to

endorse or promote products derived from this software without

specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

More information about PLY can be obtained on the PLY webpage at:

http://www.dabeaz.com/ply

---------- Separator ----------

Python Licenses

From Doc/license.rst

****

History and License

****

History of the software

==========

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see https://www.cwi.nl/) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see https://www.cnri.reston.va.us/) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see https://www.zope.org/). In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see https://opensource.org/ for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

+----------------+--------------+------------+------------+-----------------+

| Release | Derived from | Year | Owner | GPL compatible? |

+================+==============+============+============
+==================+

| 0.9.0 thru 1.2 | n/a | 1991-1995 | CWI | yes |

+----------------+--------------+------------+------------+-----------------+

| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |

+----------------+--------------+------------+------------+-----------------+

| 1.6 | 1.5.2 | 2000 | CNRI | no |

+----------------+--------------+------------+------------+-----------------+

| 2.0 | 1.6 | 2000 | BeOpen.com | no |

 Copyright © 1988, 2025, Oracle and/or its affiliates.

+----------------+-------------+-----------+-----------+----------------+

| 1.6.1 | 1.6 | 2001 | CNRI | no |

+----------------+-------------+-----------+-----------+----------------+

| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |

+----------------+-------------+-----------+-----------+----------------+

| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |

+----------------+-------------+-----------+-----------+----------------+

| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |

+----------------+-------------+-----------+-----------+----------------+

| 2.1.2 | 2.1.1 | 2002 | PSF | yes |

+----------------+-------------+-----------+-----------+----------------+

| 2.1.3 | 2.1.2 | 2002 | PSF | yes |

+----------------+-------------+-----------+-----------+----------------+

| 2.2 and above | 2.1.1 | 2001-now | PSF | yes |

+----------------+-------------+-----------+-----------+----------------+

.. note::

GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

Terms and conditions for accessing or otherwise using Python

==========

Python software and documentation are licensed under the

:ref:`PSF License Agreement <PSF-license>`.

Starting with Python 3.8.6, examples, recipes, and other code in

the documentation are dual licensed under the PSF License Agreement

and the :ref:`Zero-Clause BSD license <BSD0>`.

Some software incorporated into Python is under different licenses.

The licenses are listed with code falling under that license.

See :ref:`OtherLicenses` for an incomplete list of these licenses.

.. _PSF-license:

PSF LICENSE AGREEMENT FOR PYTHON |release|

.. parsed-literal::

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and
the Individual or Organization ("Licensee") accessing and otherwise using Python
|release| software in source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, PSF hereby
grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce,
analyze, test, perform and/or display publicly, prepare derivative works,
distribute, and otherwise use Python |release| alone or in any derivative
version, provided, however, that PSF's License Agreement and PSF's notice of
copyright, i.e., "Copyright © 2001-2023 Python Software Foundation; All Rights
Reserved" are retained in Python |release| alone or in any derivative version
prepared by Licensee.

3. In the event Licensee prepares a derivative work that is based on or
incorporates Python |release| or any part thereof, and wants to make the
derivative work available to others as provided herein, then Licensee hereby
agrees to include in any such work a brief summary of the changes made to Python
|release|.

4. PSF is making Python |release| available to Licensee on an "AS IS" basis.

PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF

EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR

WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE

 Copyright © 1988, 2025, Oracle and/or its affiliates.

USE OF PYTHON |release| WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON |release|

FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF

MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON |release|, OR ANY DERIVATIVE

THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of

its terms and conditions.

7. Nothing in this License Agreement shall be deemed to create any relationship

of agency, partnership, or joint venture between PSF and Licensee. This License

Agreement does not grant permission to use PSF trademarks or trade name in a

trademark sense to endorse or promote products or services of Licensee, or any

third party.

8. By copying, installing or otherwise using Python |release|, Licensee agrees

to be bound by the terms and conditions of this License Agreement.

BEOPEN.COM LICENSE AGREEMENT FOR PYTHON 2.0

BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT VERSION 1

.. parsed-literal::

1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an office at

160 Saratoga Avenue, Santa Clara, CA 95051, and the Individual or Organization

("Licensee") accessing and otherwise using this software in source or binary

form and its associated documentation ("the Software").

2. Subject to the terms and conditions of this BeOpen Python License Agreement,

BeOpen hereby grants Licensee a non-exclusive, royalty-free, world-wide license

to reproduce, analyze, test, perform and/or display publicly, prepare derivative

works, distribute, and otherwise use the Software alone or in any derivative

version, provided, however, that the BeOpen Python License is retained in the

Software, alone or in any derivative version prepared by Licensee.

3. BeOpen is making the Software available to Licensee on an "AS IS" basis.

Copyright © 1988, 2025, Oracle and/or its affiliates.

BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF

EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND DISCLAIMS ANY REPRESENTATION OR

WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE

USE OF THE SOFTWARE WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

4. BEOPEN SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR

ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING,

MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY DERIVATIVE THEREOF, EVEN IF

ADVISED OF THE POSSIBILITY THEREOF.

5. This License Agreement will automatically terminate upon a material breach of

its terms and conditions.

6. This License Agreement shall be governed by and interpreted in all respects

by the law of the State of California, excluding conflict of law provisions.

Nothing in this License Agreement shall be deemed to create any relationship of

agency, partnership, or joint venture between BeOpen and Licensee. This License

Agreement does not grant permission to use BeOpen trademarks or trade names in a

trademark sense to endorse or promote products or services of Licensee, or any

third party. As an exception, the "BeOpen Python" logos available at

http://www.pythonlabs.com/logos.html may be used according to the permissions

granted on that web page.

7. By copying, installing or otherwise using the software, Licensee agrees to be

bound by the terms and conditions of this License Agreement.

CNRI LICENSE AGREEMENT FOR PYTHON 1.6.1

.. parsed-literal::

1. This LICENSE AGREEMENT is between the Corporation for National Research

Initiatives, having an office at 1895 Preston White Drive, Reston, VA 20191

("CNRI"), and the Individual or Organization ("Licensee") accessing and

 Copyright © 1988, 2025, Oracle and/or its affiliates.

otherwise using Python 1.6.1 software in source or binary form and its
associated documentation.

2. Subject to the terms and conditions of this License Agreement, CNRI hereby
grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce,
analyze, test, perform and/or display publicly, prepare derivative works,
distribute, and otherwise use Python 1.6.1 alone or in any derivative version,
provided, however, that CNRI's License Agreement and CNRI's notice of copyright,
i.e., "Copyright © 1995-2001 Corporation for National Research Initiatives; All
Rights Reserved" are retained in Python 1.6.1 alone or in any derivative version
prepared by Licensee. Alternately, in lieu of CNRI's License Agreement,
Licensee may substitute the following text (omitting the quotes): "Python 1.6.1
is made available subject to the terms and conditions in CNRI's License
Agreement. This Agreement together with Python 1.6.1 may be located on the
internet using the following unique, persistent identifier (known as a handle):
1895.22/1013. This Agreement may also be obtained from a proxy server on the
internet using the following URL: http://hdl.handle.net/1895.22/1013."

3. In the event Licensee prepares a derivative work that is based on or
incorporates Python 1.6.1 or any part thereof, and wants to make the derivative
work available to others as provided herein, then Licensee hereby agrees to
include in any such work a brief summary of the changes made to Python 1.6.1.

4. CNRI is making Python 1.6.1 available to Licensee on an "AS IS" basis. CNRI
MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE,
BUT NOT LIMITATION, CNRI MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY
OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF
PYTHON 1.6.1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 1.6.1 FOR
ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF
MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 1.6.1, OR ANY DERIVATIVE

THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. This License Agreement shall be governed by the federal intellectual property law of the United States, including without limitation the federal copyright law, and, to the extent such U.S. federal law does not apply, by the law of the Commonwealth of Virginia, excluding Virginia's conflict of law provisions. Notwithstanding the foregoing, with regard to derivative works based on Python 1.6.1 that incorporate non-separable material that was previously distributed under the GNU General Public License (GPL), the law of the Commonwealth of Virginia shall govern this License Agreement only as to issues arising under or with respect to Paragraphs 4, 5, and 7 of this License Agreement. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between CNRI and Licensee. This License Agreement does not grant permission to use CNRI trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By clicking on the "ACCEPT" button where indicated, or by copying, installing or otherwise using Python 1.6.1, Licensee agrees to be bound by the terms and conditions of this License Agreement.

CWI LICENSE AGREEMENT FOR PYTHON 0.9.0 THROUGH 1.2

.. parsed-literal::

Copyright © 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reserved.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that

 Copyright © 1988, 2025, Oracle and/or its affiliates.

the name of Stichting Mathematisch Centrum or CWI not be used in advertising or

publicity pertaining to distribution of the software without specific, written

prior permission.

STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS

SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO

EVENT SHALL STICHTING MATHEMATISCH CENTRUM BE LIABLE FOR ANY SPECIAL, INDIRECT

OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,

DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS

ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS

SOFTWARE.

.. _BSD0:

ZERO-CLAUSE BSD LICENSE FOR CODE IN THE PYTHON |release| DOCUMENTATION

.. parsed-literal::

BSD 0-Clause License

.. _OtherLicenses:

Licenses and Acknowledgements for Incorporated Software

==========

This section is an incomplete, but growing list of licenses and acknowledgements

for third-party software incorporated in the Python distribution.

Mersenne Twister

The :mod:`!_random` C extension underlying the :mod:`random` module

includes code based on a download from

http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html. The following are

the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.

Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)

or init_by_array(init_key, key_length).

Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura,

All rights reserved.

BSD 3-Clause License

Any feedback is very welcome.

http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html

email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets

The :mod:`socket` module uses the functions, :c:func:`!getaddrinfo`, and

:c:func:`!getnameinfo`, which are coded in separate source files from the WIDE

Project, https://www.wide.ad.jp/. ::

Copyright (C) 1995, 1996, 1997, and 1998 WIDE Project.

All rights reserved.

BSD 3-Clause License

Asynchronous socket services

The :mod:`!test.support.asynchat` and :mod:`!test.support.asyncore`

modules contain the following notice::

Copyright 1996 by Sam Rushing

All Rights Reserved

Permission to use, copy, modify, and distribute this software and

its documentation for any purpose and without fee is hereby

granted, provided that the above copyright notice appear in all

copies and that both that copyright notice and this permission

notice appear in supporting documentation, and that the name of Sam

Rushing not be used in advertising or publicity pertaining to

 Copyright © 1988, 2025, Oracle and/or its affiliates.

distribution of the software without specific, written prior
permission.
SAM RUSHING DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE,
INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN
NO EVENT SHALL SAM RUSHING BE LIABLE FOR ANY SPECIAL, INDIRECT OR
CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS
OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT,
NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN
CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
Cookie management

The :mod:`http.cookies` module contains the following notice::
Copyright 2000 by Timothy O'Malley <timo@alum.mit.edu>
All Rights Reserved
Permission to use, copy, modify, and distribute this software
and its documentation for any purpose and without fee is hereby
granted, provided that the above copyright notice appear in all
copies and that both that copyright notice and this permission
notice appear in supporting documentation, and that the name of
Timothy O'Malley not be used in advertising or publicity
pertaining to distribution of the software without specific, written
prior permission.
Timothy O'Malley DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS
SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY
AND FITNESS, IN NO EVENT SHALL Timothy O'Malley BE LIABLE FOR
ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS
ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR

Copyright © 1988, 2025, Oracle and/or its affiliates.

PERFORMANCE OF THIS SOFTWARE.

Execution tracing

The :mod:`trace` module contains the following notice::

portions copyright 2001, Autonomous Zones Industries, Inc., all rights...

err... reserved and offered to the public under the terms of the

Python 2.2 license.

Author: Zooko O'Whielacronx

http://zooko.com/

mailto:zooko@zooko.com

Copyright 2000, Mojam Media, Inc., all rights reserved.

Author: Skip Montanaro

Copyright 1999, Bioreason, Inc., all rights reserved.

Author: Andrew Dalke

Copyright 1995-1997, Automatrix, Inc., all rights reserved.

Author: Skip Montanaro

Copyright 1991-1995, Stichting Mathematisch Centrum, all rights reserved.

Permission to use, copy, modify, and distribute this Python software and

its associated documentation for any purpose without fee is hereby

granted, provided that the above copyright notice appears in all copies,

and that both that copyright notice and this permission notice appear in

supporting documentation, and that the name of neither Automatrix,

Bioreason or Mojam Media be used in advertising or publicity pertaining to

distribution of the software without specific, written prior permission.

UUencode and UUdecode functions

The :mod:`uu` module contains the following notice::

Copyright 1994 by Lance Ellinghouse

Cathedral City, California Republic, United States of America.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

All Rights Reserved

Permission to use, copy, modify, and distribute this software and its
documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appear in all copies and that
both that copyright notice and this permission notice appear in
supporting documentation, and that the name of Lance Ellinghouse
not be used in advertising or publicity pertaining to distribution
of the software without specific, written prior permission.
LANCE ELLINGHOUSE DISCLAIMS ALL WARRANTIES WITH REGARD TO
THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS, IN NO EVENT SHALL LANCE ELLINGHOUSE CENTRUM BE LIABLE
FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
between ascii and binary. This results in a 1000-fold speedup. The C
version is still 5 times faster, though.
- Arguments more compliant with Python standard
XML Remote Procedure Calls

The :mod:`xmlrpc.client` module contains the following notice::

The XML-RPC client interface is
Copyright (c) 1999-2002 by Secret Labs AB
Copyright (c) 1999-2002 by Fredrik Lundh
By obtaining, using, and/or copying this software and/or its
associated documentation, you agree that you have read, understood,
and will comply with the following terms and conditions:

Permission to use, copy, modify, and distribute this software and
its associated documentation for any purpose and without fee is
hereby granted, provided that the above copyright notice appears in
all copies, and that both that copyright notice and this permission
notice appear in supporting documentation, and that the name of
Secret Labs AB or the author not be used in advertising or publicity
pertaining to distribution of the software without specific, written
prior permission.

SECRET LABS AB AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD
TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANT-
ABILITY AND FITNESS. IN NO EVENT SHALL SECRET LABS AB OR THE AUTHOR
BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY
DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS
ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE
OF THIS SOFTWARE.

test_epoll

The :mod:`!test.test_epoll` module contains the following notice::

Copyright (c) 2001-2006 Twisted Matrix Laboratories.

MIT License

Select kqueue

The :mod:`select` module contains the following notice for the kqueue
interface::

Copyright (c) 2000 Doug White, 2006 James Knight, 2007 Christian Heimes
All rights reserved.

BSD 2-Clause License

SipHash24

 Copyright © 1988, 2025, Oracle and/or its affiliates.

The file :file:`Python/pyhash.c` contains Marek Majkowski' implementation of
Dan Bernstein's SipHash24 algorithm. It contains the following note::

<MIT License>

Copyright (c) 2013 Marek Majkowski <marek@popcount.org>

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

</MIT License>

Original location:

https://github.com/majek/csiphash/

Solution inspired by code from:

Samuel Neves (supercop/crypto_auth/siphash24/little)

djb (supercop/crypto_auth/siphash24/little2)

Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strtod and dtoa

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and
strtod for conversion of C doubles to and from strings, is derived
from the file of the same name by David M. Gay, currently available
from https://web.archive.org/web/20220517033456/http://www.netlib.org/fp/dtoa.c.
The original file, as retrieved on March 16, 2009, contains the following
copyright and licensing notice::

/**

*

* The author of this software is David M. Gay.

*

* Copyright (c) 1991, 2000, 2001 by Lucent Technologies.

*

* Permission to use, copy, modify, and distribute this software for any

* purpose without fee is hereby granted, provided that this entire notice

* is included in all copies of any software which is or includes a copy

* or modification of this software and in all copies of the supporting

* documentation for such software.

*

* THIS SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR IMPLIED

* WARRANTY. IN PARTICULAR, NEITHER THE AUTHOR NOR LUCENT MAKES ANY

* REPRESENTATION OR WARRANTY OF ANY KIND CONCERNING THE MERCHANTABILITY

* OF THIS SOFTWARE OR ITS FITNESS FOR ANY PARTICULAR PURPOSE.

*

**********/

OpenSSL

Authors

=======

This is the list of OpenSSL authors for copyright purposes.

It does not necessarily list everyone who has contributed code,

since in some cases, their employer may be the copyright holder.

To see the full list of contributors, see the revision history in

source control.

Groups

---

* OpenSSL Software Services, Inc.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* OpenSSL Software Foundation, Inc.

Individuals

---

* Andy Polyakov

* Ben Laurie

* Ben Kaduk

* Bernd Edlinger

* Bodo Möller

* David Benjamin

* David von Oheimb

* Dmitry Belyavskiy (Дмитрий Белявский)

* Emilia Käsper

* Eric Young

* Geoff Thorpe

* Holger Reif

* Kurt Roeckx

* Lutz Jänicke

* Mark J. Cox

* Matt Caswell

* Matthias St. Pierre

* Nicola Tuveri

* Nils Larsch

* Patrick Steuer

* Paul Dale

* Paul C. Sutton

* Paul Yang

* Ralf S. Engelschall

* Rich Salz

* Richard Levitte

Copyright © 1988, 2025, Oracle and/or its affiliates.

* Shane Lontis

* Stephen Henson

* Steve Marquess

* Tim Hudson

* Tomáš Mráz

* Ulf Möller

* Viktor Dukhovni

The modules :mod:`hashlib`, :mod:`posix`, :mod:`ssl`, :mod:`crypt` use
the OpenSSL library for added performance if made available by the
operating system. Additionally, the Windows and macOS installers for
Python may include a copy of the OpenSSL libraries, so we include a copy
of the OpenSSL license here. For the OpenSSL 3.0 release,
and later releases derived from that, the Apache License v2 applies::

Apache License

Apache License, Version 2.0

expat

The :mod:`pyexpat <xml.parsers.expat>` extension is built using an included copy of the expat
sources unless the build is configured ``--with-system-expat``::

Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd
and Clark Cooper

MIT License

libffi

The :mod:`!_ctypes` C extension underlying the :mod:`ctypes` module
is built using an included copy of the libffi
sources unless the build is configured ``--with-system-libffi``::

Copyright (c) 1996-2008 Red Hat, Inc and others.

MIT License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

zlib

The :mod:`zlib` extension is built using an included copy of the zlib
sources if the zlib version found on the system is too old to be
used for the build::

Copyright (C) 1995-2011 Jean-loup Gailly and Mark Adler

Zlib Data Compression Library License

cfuhash

The implementation of the hash table used by the :mod:`tracemalloc` is based
on the cfuhash project::

Copyright (c) 2005 Don Owens
All rights reserved.

This code is released under the BSD license:

BSD 3-Clause License

libmpdec

The :mod:`!_decimal` C extension underlying the :mod:`decimal` module
is built using an included copy of the libmpdec
library unless the build is configured ``--with-system-libmpdec``::

Copyright (c) 2008-2020 Stefan Krah. All rights reserved.

BSD 2-Clause License

W3C C14N test suite

The C14N 2.0 test suite in the :mod:`test` package
(``Lib/test/xmltestdata/c14n-20/``) was retrieved from the W3C website at
https://www.w3.org/TR/xml-c14n2-testcases/ and is distributed under the
3-clause BSD license::

Copyright (c) 2013 W3C(R) (MIT, ERCIM, Keio, Beihang),

All Rights Reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

* Redistributions of works must retain the original copyright notice,
this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the original copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

* Neither the name of the W3C nor the names of its contributors may be
used to endorse or promote products derived from this work without
specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Audioop

The audioop module uses the code base in g771.c file of the SoX project.

https://sourceforge.net/projects/sox/files/sox/12.17.7/sox-12.17.7.tar.gz

This source code is a product of Sun Microsystems, Inc. and is provided
for unrestricted use. Users may copy or modify this source code without

Copyright © 1988, 2025, Oracle and/or its affiliates.

charge.

SUN SOURCE CODE IS PROVIDED AS IS WITH NO WARRANTIES OF ANY KIND INCLUDING THE WARRANTIES OF DESIGN, MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE, OR ARISING FROM A COURSE OF DEALING, USAGE OR TRADE PRACTICE.

Sun source code is provided with no support and without any obligation on

the part of Sun Microsystems, Inc. to assist in its use, correction,

modification or enhancement.

SUN MICROSYSTEMS, INC. SHALL HAVE NO LIABILITY WITH RESPECT TO THE INFRINGEMENT OF COPYRIGHTS, TRADE SECRETS OR ANY PATENTS BY THIS SOFTWARE OR ANY PART THEREOF.

In no event will Sun Microsystems, Inc. be liable for any lost revenue

or profits or other special, indirect and consequential damages, even if

Sun has been advised of the possibility of such damages.

Sun Microsystems, Inc.

2550 Garcia Avenue

Mountain View, California 94043

asyncio

Parts of the :mod:`asyncio` module are incorporated from

`uvloop 0.16 <https://github.com/MagicStack/uvloop/tree/v0.16.0>`_,

which is distributed under the MIT license::

Copyright (c) 2015-2021 MagicStack Inc. http://magic.io

MIT License

Python Software Foundation License, Version 2

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

---

1. This LICENSE AGREEMENT is between the Python Software Foundation

("PSF"), and the Individual or Organization ("Licensee") accessing and

otherwise using this software ("Python") in source or binary form and
its associated documentation.

2. Subject to the terms and conditions of this License Agreement, PSF
hereby grants Licensee a nonexclusive, royalty-free, world-wide
license to reproduce, analyze, test, perform and/or display publicly,
prepare derivative works, distribute, and otherwise use Python
alone or in any derivative version, provided, however, that PSF's
License Agreement and PSF's notice of copyright, i.e., "Copyright (c)
2001, 2002, 2003, 2004, 2005, 2006 Python Software Foundation; All Rights
Reserved" are retained in Python alone or in any derivative version
prepared by Licensee.

3. In the event Licensee prepares a derivative work that is based on
or incorporates Python or any part thereof, and wants to make
the derivative work available to others as provided herein, then
Licensee hereby agrees to include in any such work a brief summary of
the changes made to Python.

4. PSF is making Python available to Licensee on an "AS IS"
basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR
IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND
DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS
FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT
INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON
FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS
A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON,
OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material
breach of its terms and conditions.

7. Nothing in this License Agreement shall be deemed to create any

 Copyright © 1988, 2025, Oracle and/or its affiliates.

relationship of agency, partnership, or joint venture between PSF and
Licensee. This License Agreement does not grant permission to use PSF
trademarks or trade name in a trademark sense to endorse or promote
products or services of Licensee, or any third party.
8. By copying, installing or otherwise using Python, Licensee
agrees to be bound by the terms and conditions of this License
Agreement.

---

pywinrm Licenses

Copyright: Alexey Diyan
License: MIT
./LICENSE
Copyright (c) 2013 Alexey Diyan
MIT License
---------- Separator ----------
Dependency: :certifi
Copyright: Kenneth Reitz
License: MPL 2.0
./LICENSE
This package contains a modified version of ca-bundle.crt:
ca-bundle.crt -- Bundle of CA Root Certificates
Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

***** BEGIN LICENSE BLOCK *****

This Source Code Form is subject to the terms of the Mozilla Public License,

v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain

one at http://mozilla.org/MPL/2.0/.

***** END LICENSE BLOCK *****

@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

---------- Separator ----------

https://www.mozilla.org/en-US/MPL/2.0/

Mozilla Public License

Mozilla Public License, Version 2.0

---------- Separator ----------

---------- Separator ----------

Dependency: :cffi

Copyright: Armin Rigo, Maciej Fijalkowski

License: MIT

./LICENSE

Except when otherwise stated (look for LICENSE files in directories or

information at the beginning of each file) all software and

documentation is licensed as follows:

The MIT License

MIT License

---------- Separator ----------

Dependency: :charset-normalizer

Copyright: Ahmed TAHRI

License: MIT

./LICENSE

MIT License

Copyright (c) 2019 TAHRI Ahmed R.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

---------- Separator ----------

Dependency: :cryptography

Copyright: The Python Cryptographic Authority and individual contributors

License: Apache 2.0; BSD 3-Clause

./LICENSE

This software is made available under the terms of *either* of the licenses
found in LICENSE.APACHE or LICENSE.BSD. Contributions to cryptography are made
under the terms of *both* these licenses.

The code used in the OS random engine is derived from CPython, and is licensed
under the terms of the PSF License Agreement.

---------- Separator ----------

./LICENSE.APACHE

Apache License

Apache License, Version 2.0

---------- Separator ----------

./LICENSE.BSD

Copyright (c) Individual contributors.

All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

3. Neither the name of PyCA Cryptography nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---------- Separator ----------

./LICENSE.PSF

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and

the Individual or Organization ("Licensee") accessing and otherwise using Python

2.7.12 software in source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, PSF hereby

grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce,

analyze, test, perform and/or display publicly, prepare derivative works,

distribute, and otherwise use Python 2.7.12 alone or in any derivative

version, provided, however, that PSF's License Agreement and PSF's notice of

copyright, i.e., "Copyright © 2001-2016 Python Software Foundation; All Rights

Reserved" are retained in Python 2.7.12 alone or in any derivative version

prepared by Licensee.

3. In the event Licensee prepares a derivative work that is based on or

incorporates Python 2.7.12 or any part thereof, and wants to make the

 Copyright © 1988, 2025, Oracle and/or its affiliates.

derivative work available to others as provided herein, then Licensee hereby

agrees to include in any such work a brief summary of the changes made to Python

2.7.12.

4. PSF is making Python 2.7.12 available to Licensee on an "AS IS" basis.

PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF

EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR

WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE

USE OF PYTHON 2.7.12 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 2.7.12

FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF

MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 2.7.12, OR ANY DERIVATIVE

THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of

its terms and conditions.

7. Nothing in this License Agreement shall be deemed to create any relationship

of agency, partnership, or joint venture between PSF and Licensee. This License

Agreement does not grant permission to use PSF trademarks or trade name in a

trademark sense to endorse or promote products or services of Licensee, or any

third party.

8. By copying, installing or otherwise using Python 2.7.12, Licensee agrees

to be bound by the terms and conditions of this License Agreement.

---------- Separator ----------

./vectors/LICENSE

This software is made available under the terms of *either* of the licenses

found in LICENSE.APACHE or LICENSE.BSD. Contributions to cryptography are made

under the terms of *both* these licenses.

---------- Separator ----------

./vectors/LICENSE.APACHE

Copyright © 1988, 2025, Oracle and/or its affiliates.

Apache 2.0

---------- Separator ----------

./vectors/LICENSE.BSD

BSD 3-Clause

---------- Separator ----------

Dependency: :idna

Copyright: Kim Davies

License: BSD 3-Clause

./LICENSE.md

BSD 3-Clause License

Copyright (c) 2013-2021, Kim Davies

All rights reserved.

BSD 3-Clause License

---------- Separator ----------

Dependency: :ntlm-auth

Copyright: Jordan Borean

License: MIT

./LICENSE

MIT License

Copyright (c) 2018 Jordan Borean, Red Hat

MIT License

---------- Separator ----------

Dependency: :pycparser

Copyright: Eli Bendersky

License: BSD 3-Clause

./LICENSE

pycparser -- A C parser in Python

Copyright (c) 2008-2020, Eli Bendersky

All rights reserved.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name of Eli Bendersky nor the names of its contributors may

be used to endorse or promote products derived from this software without

specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE

GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT

OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---------- Separator ----------

./pycparser/ply/LICENSE

PLY (Python Lex-Yacc) Version 3.10

Copyright (C) 2001-2017

David M. Beazley (Dabeaz LLC)

All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:
* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.
* Neither the name of the David Beazley or Dabeaz LLC may be used to
endorse or promote products derived from this software without
specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
More information about PLY can be obtained on the PLY webpage at:
http://www.dabeaz.com/ply
---------- Separator ----------
Dependency: :requests
Copyright: Kenneth Reitz
License: Apache 2.0
./LICENSE

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Apache License

Apache License, Version 2.0

---------- Separator ----------

./docs/_themes/LICENSE

Modifications:

Copyright (c) 2011 Kenneth Reitz.

Original Project:

Copyright (c) 2010 by Armin Ronacher.

Some rights reserved.

Redistribution and use in source and binary forms of the theme, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* The names of the contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

We kindly ask you to only use these themes in an unmodified manner just for Flask and Flask-related products, not for unrelated projects. If you like the visual style and want to use it for your own projects, please consider making some larger changes to the themes (such as changing font faces, sizes, colors or margins).

THIS THEME IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS THEME, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---------- Separator ----------

./ext/LICENSE

Copyright 2019 Kenneth Reitz. All rights reserved.

---------- Separator ----------

./NOTICE

Requests

Copyright 2019 Kenneth Reitz

---------- Separator ----------

Dependency: :requests-ntlm

Copyright: Ben Toews

License: ISC License

./LICENSE

ISC License

Copyright (c) 2013 Ben Toews

ISC License

---------- Separator ----------

Dependency: :six

Copyright: Benjamin Peterson

License: MIT

./LICENSE

Copyright (c) 2010-2020 Benjamin Peterson

 Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

---------- Separator ----------

Dependency: :urllib3

Copyright: Andrey Petrov

License: MIT

./LICENSE.txt

MIT License

Copyright (c) 2008-2020 Andrey Petrov and contributors (see CONTRIBUTORS.txt)

MIT License

---------- Separator ----------

Dependency: :xmltodict

Copyright: Martin Blech

License: MIT

./LICENSE

Copyright (C) 2012 Martin Blech and individual contributors.

MIT License

---------- Separator ----------

requests Licenses

Top level component: requests

Top level copyright: Copyright 2019 Kenneth Reitz

Top level license: Apache 2.0

Apache License

Apache License, Version 2.0

==========DEPENDENCIES==========

== NAME OF DEPENDENCY #1: urllib3

== License Type: MIT

== Copyright Notices: Copyright (c) 2008-2020 Andrey Petrov and contributors (see CONTRIBUTORS.txt)

https://git.navylinux.org/installer/doc/-/blob/master/python3-urllib3/CONTRIBUTORS.txt

==========LICENSE==========

MIT License

Copyright (c) 2008-2020 Andrey Petrov and contributors (see CONTRIBUTORS.txt)

MIT License

----------(separator)----------

== NAME OF DEPENDENCY #2: certifi

== License Type: Mozilla

== Copyright Notices: Copyright 2019 Kenneth Reitz

==========LICENSE==========

This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities

(CA). These were automatically extracted from Mozilla's root certificates

file (certdata.txt). This file can be found in the mozilla source tree:

https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt

It contains the certificates in PEM format and therefore

can be directly used with curl / libcurl / php_curl, or with

an Apache+mod_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

***** BEGIN LICENSE BLOCK *****

This Source Code Form is subject to the terms of the Mozilla Public License,

v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain

one at http://mozilla.org/MPL/2.0/.

***** END LICENSE BLOCK *****

@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

 Copyright © 1988, 2025, Oracle and/or its affiliates.

==========Mozilla Public License 2.0 LICENSE
==========

Mozilla Public License, Version 2.0

==========Mozilla Public License 2.0 LICENSE
END==========

----------(separator)----------

== NAME OF DEPENDENCY #3: idna

== License Type: BSD-3-clause

== Copyright Notices: Copyright (c) 2013-2022, Kim Davies and contributors. All rights reserved.

==========LICENSE==========

BSD 3-Clause License

Copyright (c) 2013-2021, Kim Davies All rights reserved.

BSD 3-Clause License

----------(separator)----------

== NAME OF DEPENDENCY #4: charset-normalizer

== License Type: MIT

== Copyright Notices: Copyright (c) 2019 TAHRI Ahmed R.

==========LICENSE==========

MIT License

Copyright (c) 2019 TAHRI Ahmed R.

MIT License

rfc4122 License

Provider: Microsoft

Component: GUID Generator

Licensing Information:

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.

Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &

Digital Equipment Corporation, Maynard, Mass.

Copyright (c) 1998 Microsoft.

GUID Generator License

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.

Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &

Digital Equipment Corporation, Maynard, Mass.

Copyright (c) 1998 Microsoft.

To anyone who acknowledges that this file is provided "AS IS"

without any express or implied warranty: permission to use, copy,

modify, and distribute this file for any purpose is hereby

granted without fee, provided that the above copyright notices and

this notice appears in all source code copies, and that none of

the names of Open Software Foundation, Inc., Hewlett-Packard

Company, Microsoft, or Digital Equipment Corporation be used in

advertising or publicity pertaining to distribution of the software

without specific, written prior permission. Neither Open Software

Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital

Equipment Corporation makes any representations about the

suitability of this software for any purpose.

Ruby Licenses

Ruby is copyrighted free software by Yukihiro Matsumoto <matz@netlab.jp>.

You can redistribute it and/or modify it under either the terms of the

2-clause BSDL:

Copyright (C) 1993-2013 Yukihiro Matsumoto. All rights reserved.

BSD 2-Clause License

Or the conditions below:

1. You may make and give away verbatim copies of the source form of the

software without restriction, provided that you duplicate all of the

original copyright notices and associated disclaimers.

2. You may modify your copy of the software in any way, provided that

 Copyright © 1988, 2025, Oracle and/or its affiliates.

you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise
make them Freely Available, such as by posting said
modifications to Usenet or an equivalent medium, or by allowing
the author to include your modifications in the software.

b) use the modified software only within your corporation or
organization.

c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.

d) make other distribution arrangements with the author.

3. You may distribute the software in object code or binary form,
provided that you do at least ONE of the following:

a) distribute the binaries and library files of the software,
together with instructions (in the manual page or equivalent)
on where to get the original distribution.

b) accompany the distribution with the machine-readable source of
the software.

c) give non-standard binaries non-standard names, with
instructions on where to get the original software distribution.

d) make other distribution arrangements with the author.

4. You may modify and include the part of the software into any other
software (possibly commercial). But some files in the distribution
are not written by the author, so that they are not under these terms.
For the list of those files and their copying conditions, see below.

5. The scripts and library files supplied as input to or produced as
output from the software do not automatically fall under the
copyright of the software, but belong to whomever generated them,
and may be sold commercially, and may be aggregated with this
software.

Copyright © 1988, 2025, Oracle and/or its affiliates.

6. THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

LEGAL NOTICE INFORMATION

All the files in this distribution are covered under either the Ruby's license (see the file COPYING) or public-domain except some files mentioned below.

[addr2line.c]

A part of this file is from FreeBSD.

>>>

Copyright (c) 1986, 1988, 1991, 1993

The Regents of the University of California. All rights reserved.

(c) UNIX System Laboratories, Inc.

All or some portions of this file are derived from material licensed to the University of California by American Telephone and Telegraph Co. or Unix System Laboratories, Inc. and are reproduced herein with the permission of UNIX System Laboratories, Inc.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software

 Copyright © 1988, 2025, Oracle and/or its affiliates.

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS

OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

SUCH DAMAGE.

@(#)subr_prf.c 8.3 (Berkeley) 1/21/94

[ccan/build_assert/build_assert.h]

[ccan/check_type/check_type.h]

[ccan/container_of/container_of.h]

[ccan/str/str.h]

These files are licensed under the CC0.

https://creativecommons.org/choose/zero/

Creative Commons Legal Code

Creative Commons Legal Code

[ccan/list/list.h]

This file is licensed under the MIT License.

MIT License

[coroutine]

Unless otherwise specified, these files are licensed under the MIT License.

[include/ruby/onigmo.h]

[include/ruby/oniguruma.h]

[regcomp.c]

[regenc.c]

[regenc.h]

[regerror.c]

[regexec.c]

[regint.h]

[regparse.c]

[regparse.h]

[enc/ascii.c]

[enc/big5.c]

[enc/cp949.c]

[enc/emacs_mule.c]

[enc/encdb.c]

[enc/euc_jp.c]

[enc/euc_kr.c]

[enc/euc_tw.c]

[enc/gb18030.c]

[enc/gb2312.c]

[enc/gbk.c]

[enc/iso_8859_1.c]

[enc/iso_8859_10.c]

[enc/iso_8859_11.c]

[enc/iso_8859_13.c]

[enc/iso_8859_14.c]

[enc/iso_8859_15.c]

[enc/iso_8859_16.c]

[enc/iso_8859_2.c]

 Copyright © 1988, 2025, Oracle and/or its affiliates.

[enc/iso_8859_3.c]

[enc/iso_8859_4.c]

[enc/iso_8859_5.c]

[enc/iso_8859_6.c]

[enc/iso_8859_7.c]

[enc/iso_8859_8.c]

[enc/iso_8859_9.c]

[enc/koi8_r.c]

[enc/koi8_u.c]

[enc/shift_jis.c]

[enc/unicode.c]

[enc/us_ascii.c]

[enc/utf_16be.c]

[enc/utf_16le.c]

[enc/utf_32be.c]

[enc/utf_32le.c]

[enc/utf_8.c]

[enc/windows_1251.c]

[enc/windows_31j.c]

Onigmo (Oniguruma-mod) LICENSE

>>>

Copyright (c) 2002-2009 K.Kosako <sndgk393 AT ybb DOT ne DOT jp>

Copyright (c) 2011-2014 K.Takata <kentkt AT csc DOT jp>

All rights reserved.

BSD 2-Clause License

Oniguruma LICENSE

>>>

Copyright (c) 2002-2009 K.Kosako <sndgk393 AT ybb DOT ne DOT jp>

All rights reserved.

BSD 2-Clause License

* https://github.com/k-takata/Onigmo/

* https://github.com/kkos/oniguruma

* https://svnweb.freebsd.org/ports/head/devel/oniguruma/

When this software is partly used or it is distributed with Ruby,

this of Ruby follows the license of Ruby.

[enc/windows_1250.c]

[enc/windows_1252.c]

>>>

Copyright (c) 2006-2007 Byte <byte AT mail DOT kna DOT ru>

K.Kosako <sndgk393 AT ybb DOT ne DOT jp>

All rights reserved.

BSD 2-Clause License

[enc/cesu_8.c]

[enc/windows_1253.c]

[enc/windows_1254.c]

[enc/windows_1257.c]

>>>

Copyright (c) 2002-2007 K.Kosako <sndgk393 AT ybb DOT ne DOT jp>

All rights reserved.

BSD 2-Clause License

[enc/trans/GB/GB12345%UCS.src]

[enc/trans/GB/UCS%GB12345.src]

[enc/trans/GB/GB2312%UCS.src]

[enc/trans/GB/UCS%GB2312.src]

These files have this explanatory texts.

>>>

This mapping data was created from files provided by Unicode, Inc.

(The Unicode Consortium). The files were used to create a product supporting

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Unicode, as explicitly permitted in the files' copyright notices.

Please note that Unicode, Inc. never made any claims as to fitness of these files for any particular purpose, and has ceased to publish the files many years ago.

[enc/trans/JIS/JISX0201-KANA%UCS.src]

[enc/trans/JIS/JISX0208\@1990%UCS.src]

[enc/trans/JIS/JISX0212%UCS.src]

[enc/trans/JIS/UCS%JISX0201-KANA.src]

[enc/trans/JIS/UCS%JISX0208@1990.src]

[enc/trans/JIS/UCS%JISX0212.src]

These files are copyrighted as the following.

>>>

© 2015 Unicode®, Inc.

For terms of use, see http://www.unicode.org/terms_of_use.html

[enc/trans/JIS/JISX0213-1%UCS@BMP.src]

[enc/trans/JIS/JISX0213-1%UCS@SIP.src]

[enc/trans/JIS/JISX0213-2%UCS@BMP.src]

[enc/trans/JIS/JISX0213-2%UCS@SIP.src]

These files are copyrighted as the following.

>>>

Copyright (C) 2001 earthian@tama.or.jp, All Rights Reserved.

Copyright (C) 2001 I'O, All Rights Reserved.

Copyright (C) 2006 Project X0213, All Rights Reserved.

You can use, modify, distribute this table freely.

[enc/trans/JIS/UCS@BMP%JISX0213-1.src]

[enc/trans/JIS/UCS@BMP%JISX0213-2.src]

[enc/trans/JIS/UCS@SIP%JISX0213-1.src]

[enc/trans/JIS/UCS@SIP%JISX0213-2.src]

These files are copyrighted as the following.

>>>

Copyright (C) 2001 earthian@tama.or.jp, All Rights Reserved.

Copyright (C) 2001 I'O, All Rights Reserved.

You can use, modify, distribute this table freely.

[enc/trans/ucm/glibc-BIG5-2.3.3.ucm]

[enc/trans/ucm/glibc-BIG5HKSCS-2.3.3.ucm]

>>>

Copyright (C) 2001-2005 International Business Machines

Corporation and others. All Rights Reserved.

[enc/trans/ucm/windows-950-2000.ucm]

[enc/trans/ucm/windows-950_hkscs-2001.ucm]

>>>

Copyright (C) 2001-2002 International Business Machines

Corporation and others. All Rights Reserved.

[tool/lib/test/*]

[tool/lib/core_assertions.rb]

Some of methods on these files are based on MiniTest 4. MiniTest 4 is

distributed under the MIT License.

>>>

Copyright (c) Ryan Davis, seattle.rb

MIT License

[parse.c]

[parse.h]

These files are licensed under the GPL, but are incorporated into Ruby and

redistributed under the terms of the Ruby license, as permitted by the

exception to the GPL below.

>>>

Copyright (C) 1984, 1989-1990, 2000-2015, 2018 Free Software Foundation, Inc.

This program is free software: you can redistribute it and/or modify

 Copyright © 1988, 2025, Oracle and/or its affiliates.

it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program. If not, see <http://www.gnu.org/licenses/>.
As a special exception, you may create a larger work that contains
part or all of the Bison parser skeleton and distribute that work
under terms of your choice, so long as that work isn't itself a
parser generator using the skeleton or a modified version thereof
as a parser skeleton. Alternatively, if you modify or redistribute
the parser skeleton itself, you may (at your option) remove this
special exception, which will cause the skeleton and the resulting
Bison output files to be licensed under the GNU General Public
License without this special exception.
This special exception was added by the Free Software Foundation in
version 2.2 of Bison.
[missing/dtoa.c]
This file is under these licenses.
>>>
Copyright (c) 1991, 2000, 2001 by Lucent Technologies.
Permission to use, copy, modify, and distribute this software for any
purpose without fee is hereby granted, provided that this entire notice
is included in all copies of any software which is or includes a copy
or modification of this software and in all copies of the supporting
documentation for such software.

THIS SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR IMPLIED WARRANTY. IN PARTICULAR, NEITHER THE AUTHOR NOR LUCENT MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND CONCERNING THE MERCHANTABILITY OF THIS SOFTWARE OR ITS FITNESS FOR ANY PARTICULAR PURPOSE.

>>>

Copyright (c) 2004-2008 David Schultz <das@FreeBSD.ORG>

All rights reserved.

BSD 2-Clause License

[win32/win32.c]

[include/ruby/win32.h]

You can apply the Artistic License to these files. (or GPL,

alternatively)

>>>

Copyright (c) 1993 Intergraph Corporation

You may distribute under the terms of either the GNU General Public

License or the Artistic License, as specified in the perl README file.

Artistic License, Version 2.0

---

random.c:

This file contains the source code under the new-style BSD license.

[missing/mt19937.c]

This file is under the new-style BSD license.

>>>

A C-program for MT19937, with initialization improved 2002/2/10.

Coded by Takuji Nishimura and Makoto Matsumoto.

This is a faster version by taking Shawn Cokus's optimization,

Matthe Bellew's simplification, Isaku Wada's real version.

Before using, initialize the state by using init_genrand(seed)

 Copyright © 1988, 2025, Oracle and/or its affiliates.

or init_by_array(init_key, key_length).

Copyright (C) 1997 - 2002 Makoto Matsumoto and Takuji Nishimura,

All rights reserved.

BSD 3-Clause License

Any feedback is very welcome.

http://www.math.keio.ac.jp/matumoto/emt.html

email: matumoto@math.keio.ac.jp

The Wayback Machine url: http://web.archive.org/web/19990429082237/http://www.math.keio.ac.jp/matumoto/emt.html

[missing/procstat_vm.c]

This file is under the new-style BSD license.

>>>

Copyright (c) 2007 Robert N. M. Watson

All rights reserved.

BSD 2-Clause License

$FreeBSD: head/usr.bin/procstat/procstat_vm.c 261780 2014-02-11 21:57:37Z jhb $

[vsnprintf.c]

This file is under the old-style BSD license.

>>>

Copyright (c) 1990, 1993

The Regents of the University of California. All rights reserved.

This code is derived from software contributed to Berkeley by

Chris Torek.

[st.c]

[strftime.c]

[include/ruby/st.h]

[missing/acosh.c]

[missing/alloca.c]

[missing/erf.c]

[missing/hypot.c]

[missing/lgamma_r.c]

[missing/memcmp.c]

[missing/memmove.c]

[missing/strchr.c]

[missing/strerror.c]

[missing/strstr.c]

[missing/tgamma.c]

[ext/date/date_strftime.c]

[ext/digest/sha1/sha1.c]

[ext/digest/sha1/sha1.h]

These files are all under public domain.

[missing/crypt.c]

This file is under the old-style BSD license.

>>>

Copyright (c) 1989, 1993

The Regents of the University of California. All rights reserved.

This code is derived from software contributed to Berkeley by

Tom Truscott.

[missing/setproctitle.c]

This file is under the old-style BSD license.

>>>

Copyright 2003 Damien Miller

Copyright (c) 1983, 1995-1997 Eric P. Allman

Copyright (c) 1988, 1993

The Regents of the University of California. All rights reserved.

[missing/strlcat.c]

[missing/strlcpy.c]

These files are under an ISC-style license.

>>>

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 1998, 2015 Todd C. Miller <Todd.Miller@courtesan.com>

Permission to use, copy, modify, and distribute this software for any

purpose with or without fee is hereby granted, provided that the above

copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

[missing/langinfo.c]

This file is from http://www.cl.cam.ac.uk/~mgk25/ucs/langinfo.c.

Ruby uses a modified version. The file contains the following

author/copyright notice:

>>>

Markus.Kuhn@cl.cam.ac.uk -- 2002-03-11

Permission to use, copy, modify, and distribute this software

for any purpose and without fee is hereby granted. The author

disclaims all warranties with regard to this software.

[ext/digest/md5/md5.c]

[ext/digest/md5/md5.h]

These files are under the following license. Ruby uses modified

versions of them.

>>>

Copyright (C) 1999, 2000 Aladdin Enterprises. All rights reserved.

This software is provided 'as-is', without any express or implied

warranty. In no event will the authors be held liable for any damages

arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,
including commercial applications, and to alter it and redistribute it
freely, subject to the following restrictions:
1. The origin of this software must not be misrepresented; you must not
claim that you wrote the original software. If you use this software
in a product, an acknowledgment in the product documentation would be
appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.
L. Peter Deutsch
ghost@aladdin.com
[ext/digest/rmd160/rmd160.c]
[ext/digest/rmd160/rmd160.h]
These files have the following copyright information, and by the
author we are allowed to use it under the new-style BSD license.
>>>
AUTHOR Antoon Bosselaers, ESAT-COSIC
(Arranged for libc by Todd C. Miller)
DATE 1 March 1996
Copyright (c) Katholieke Universiteit Leuven
1996, All Rights Reserved
[ext/digest/sha2/sha2.c]
[ext/digest/sha2/sha2.h]
These files are under the new-style BSD license.
>>>
Copyright 2000 Aaron D. Gifford. All rights reserved.
BSD 3-Clause License
[ext/json/generator/generator.c]

 Copyright © 1988, 2025, Oracle and/or its affiliates.

The file contains the following copyright notice.

>>>

Copyright 2001-2004 Unicode, Inc.

Disclaimer

This source code is provided as is by Unicode, Inc. No claims are made as to fitness for any particular purpose. No warranties of any kind are expressed or implied. The recipient agrees to determine applicability of information provided. If this file has been purchased on magnetic or optical media from Unicode, Inc., the sole remedy for any claim will be exchange of defective media within 90 days of receipt.

Limitations on Rights to Redistribute This Code

Unicode, Inc. hereby grants the right to freely use the information supplied in this file in the creation of products supporting the Unicode Standard, and to make copies of this file in any form for internal or external distribution as long as this notice remains attached.

[ext/nkf/nkf-utf8/config.h]

[ext/nkf/nkf-utf8/nkf.c]

[ext/nkf/nkf-utf8/utf8tbl.c]

These files are under the following license. So to speak, it is copyrighted semi-public-domain software.

>>>

Copyright (C) 1987 Fujitsu LTD. (Itaru ICHIKAWA)

Everyone is permitted to do anything on this program including copying, modifying, improving,

as long as you don't try to pretend that you wrote it.

i.e., the above copyright notice has to appear in all copies.

Binary distribution requires original version messages.

You don't have to ask before copying, redistribution or publishing.

THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE.

[ext/psych]

[test/psych]

The files under these directories are under the following license, except for

ext/psych/yaml.

>>>

Copyright 2009 Aaron Patterson, et al.

MIT License

[ext/psych/yaml]

The files under this directory are under the following license.

>>>

Copyright (c) 2006 Kirill Simonov

MIT License

[ext/pty/pty.c]

>>>

C) Copyright 1998 by Akinori Ito.

This software may be redistributed freely for this purpose, in full

or in part, provided that this entire copyright notice is included

on any copies of this software and applications and derivations thereof.

This software is provided on an "as is" basis, without warranty of any

kind, either expressed or implied, as to any matter including, but not

limited to warranty of fitness of purpose, or merchantability, or

results obtained from use of this software.

[ext/socket/addrinfo.h]

[ext/socket/getaddrinfo.c]

[ext/socket/getnameinfo.c]

These files are under the new-style BSD license.

>>>

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (C) 1995, 1996, 1997, 1998, and 1999 WIDE Project.

All rights reserved.

BSD 3-Clause License

[ext/win32ole/win32ole.c]

You can apply the Artistic License to this file. (or GPL,

alternatively)

>>>

(c) 1995 Microsoft Corporation. All rights reserved.

Developed by ActiveWare Internet Corp., http://www.ActiveWare.com

Other modifications Copyright (c) 1997, 1998 by Gurusamy Sarathy

<gsar@umich.edu> and Jan Dubois <jan.dubois@ibm.net>

You may distribute under the terms of either the GNU General Public

License or the Artistic License, as specified in the README file

of the Perl distribution.

The Wayback Machine url: http://web.archive.org/web/19970607104352/http://www.activeware.com:80/

[lib/rdoc/generator/template/darkfish/css/fonts.css]

This file is licensed under the SIL Open Font License.

[spec/mspec]

[spec/ruby]

The files under these directories are under the following license.

>>>

Copyright (c) 2008 Engine Yard, Inc. All rights reserved.

MIT License

[lib/rubygems.rb]

[lib/rubygems]

[test/rubygems]

RubyGems is under the following license.

>>>

RubyGems is copyrighted free software by Chad Fowler, Rich Kilmer, Jim

Weirich and others. You can redistribute it and/or modify it under
either the terms of the MIT license, or the conditions
below:
1. You may make and give away verbatim copies of the source form of the
software without restriction, provided that you duplicate all of the
original copyright notices and associated disclaimers.
2. You may modify your copy of the software in any way, provided that
you do at least ONE of the following:
a. place your modifications in the Public Domain or otherwise
make them Freely Available, such as by posting said
modifications to Usenet or an equivalent medium, or by allowing
the author to include your modifications in the software.
b. use the modified software only within your corporation or
organization.
c. give non-standard executables non-standard names, with
instructions on where to get the original software distribution.
d. make other distribution arrangements with the author.
3. You may distribute the software in object code or executable
form, provided that you do at least ONE of the following:
a. distribute the executables and library files of the software,
together with instructions (in the manual page or equivalent)
on where to get the original distribution.
b. accompany the distribution with the machine-readable source of
the software.
c. give non-standard executables non-standard names, with
instructions on where to get the original software distribution.
d. make other distribution arrangements with the author.
4. You may modify and include the part of the software into any other
software (possibly commercial).

 Copyright © 1988, 2025, Oracle and/or its affiliates.

5. The scripts and library files supplied as input to or produced as
output from the software do not automatically fall under the
copyright of the software, but belong to whomever generated them,
and may be sold commercially, and may be aggregated with this
software.
6. THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE.

[lib/bundler]

[lib/bundler.rb]

[spec/bundler]

Bundler is under the following license.

>>>

Portions copyright (c) 2010 Andre Arko

Portions copyright (c) 2009 Engine Yard

MIT License

[lib/bundler/vendor/thor]

Thor is under the following license.

>>>

Copyright (c) 2008 Yehuda Katz, Eric Hodel, et al.

MIT License

[lib/rubygems/resolver/molinillo]

[lib/bundler/vendor/molinillo]

molinillo is under the following license.

>>>

Copyright (c) 2014 Samuel E. Giddins segiddins@segiddins.me

MIT License

[lib/bundler/vendor/connection_pool]

connection_pool is under the following license.

>>>

Copyright (c) 2011 Mike Perham

MIT License

[lib/bundler/vendor/net-http-persistent]

net-http-persistent is under the following license.

>>>

Copyright (c) Eric Hodel, Aaron Patterson

MIT License

[lib/did_you_mean]

[lib/did_you_mean.rb]

[test/did_you_mean]

did_you_mean is under the following license.

>>>

Copyright (c) 2014-2016 Yuki Nishijima

MIT License

[lib/error_highlight]

[lib/error_highlight.rb]

[test/error_highlight]

error_highlight is under the following license.

>>>

Copyright (c) 2021 Yusuke Endoh

MIT License

[benchmark/so_ackermann.rb]

[benchmark/so_array.rb]

[benchmark/so_binary_trees.rb]

[benchmark/so_concatenate.rb]

[benchmark/so_count_words.yml]

[benchmark/so_exception.rb]

 Copyright © 1988, 2025, Oracle and/or its affiliates.

[benchmark/so_fannkuch.rb]

[benchmark/so_fasta.rb]

[benchmark/so_k_nucleotide.yml]

[benchmark/so_lists.rb]

[benchmark/so_mandelbrot.rb]

[benchmark/so_matrix.rb]

[benchmark/so_meteor_contest.rb]

[benchmark/so_nbody.rb]

[benchmark/so_nested_loop.rb]

[benchmark/so_nsieve.rb]

[benchmark/so_nsieve_bits.rb]

[benchmark/so_object.rb]

[benchmark/so_partial_sums.rb]

[benchmark/so_pidigits.rb]

[benchmark/so_random.rb]

[benchmark/so_reverse_complement.yml]

[benchmark/so_sieve.rb]

[benchmark/so_spectralnorm.rb]

These files are very old copy of then-called "The Great Computer Language Shootout". LEGAL SITUATION OF THESE FILES ARE UNCLEAR because the original site has been lost. Upstream diverged to delete several benchmarks listed above.

== MIT License

>>>

MIT License

== Old-style BSD license

>>>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

3. Neither the name of the University nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS

OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

SUCH DAMAGE.

IMPORTANT NOTE

From ftp://ftp.cs.berkeley.edu/pub/4bsd/README.Impt.License.Change

paragraph 3 above is now null and void.

Scintilla License

All Rights Reserved

Permission to use, copy, modify, and distribute this software and its

documentation for any purpose and without fee is hereby granted,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

provided that the above copyright notice appear in all copies and that
both that copyright notice and this permission notice appear in
supporting documentation.
NEIL HODGSON DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS
SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY
AND FITNESS, IN NO EVENT SHALL NEIL HODGSON BE LIABLE FOR ANY
SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER
TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE
OR PERFORMANCE OF THIS SOFTWARE.

Selenium DotNet Licenses

Notice.txt:

Copyright 2011-2024 Software Freedom Conservancy

Copyright 2004-2011 Selenium committers

License:

Apache License

Apache License, Version 2.0

Copyright © Software Freedom Conservancy 2018

Copyright © 2024 Software Freedom Conservancy

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and

limitations under the License.

Selenium 4.23.0

// Licensed to the Software Freedom Conservancy (SFC) under one

// or more contributor license agreements. See the NOTICE file

// distributed with this work for additional information

// regarding copyright ownership. The SFC licenses this file

// to you under the Apache License, Version 2.0 (the "License");

// you may not use this file except in compliance with the License.

// You may obtain a copy of the License at

//

// http://www.apache.org/licenses/LICENSE-2.0

//

// Unless required by applicable law or agreed to in writing, software

// distributed under the License is distributed on an "AS IS" BASIS,

// WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

// See the License for the specific language governing permissions and

// limitations under the License.

C# webdriver language bindings Selenium 4.23.0

// <copyright file="GlobalSuppressions.cs" company="WebDriver Committers">

// Licensed to the Software Freedom Conservancy (SFC) under one

// or more contributor license agreements. See the NOTICE file

// distributed with this work for additional information

// regarding copyright ownership. The SFC licenses this file

// to you under the Apache License, Version 2.0 (the "License");

// you may not use this file except in compliance with the License.

// You may obtain a copy of the License at

//

// http://www.apache.org/licenses/LICENSE-2.0

//

 Copyright © 1988, 2025, Oracle and/or its affiliates.

// Unless required by applicable law or agreed to in writing, software

// distributed under the License is distributed on an "AS IS" BASIS,

// WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

// See the License for the specific language governing permissions and

// limitations under the License.

// </copyright>

4th party dependencies:

Benderproxy

MIT License

Copyright (c) 2019 jimevans

MIT License

---

castle.core

Copyright 2004-2021 Castle Project - http://www.castleproject.org/

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Copyright 2004-2016 Castle Project - http://www.castleproject.org/

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

**

Copyright 2004-2017 Castle Project - http://www.castleproject.org/

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

#

http://www.apache.org/licenses/LICENSE-2.0

#

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

**

@ECHO OFF

REM **

REM Copyright 2004-2013 Castle Project - http://www.castleproject.org/

REM Licensed under the Apache License, Version 2.0 (the "License");

REM you may not use this file except in compliance with the License.

REM You may obtain a copy of the License at

 Copyright © 1988, 2025, Oracle and/or its affiliates.

REM

REM http://www.apache.org/licenses/LICENSE-2.0

REM

REM Unless required by applicable law or agreed to in writing, software

REM distributed under the License is distributed on an "AS IS" BASIS,

REM WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

REM See the License for the specific language governing permissions and

REM limitations under the License.

REM **********

Commandlineparser

The MIT License (MIT)

Copyright (c) 2005 - 2015 Giacomo Stelluti Scala & Contributors

MIT License

---

handlebars.net

The MIT License (MIT)

Copyright (c) 2014 Rex Morgan

MIT License

---

humanizer.core

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

MIT License

==========

Inflector (https://github.com/srkirkland/Inflector)

The MIT License (MIT)

Copyright (c) 2013 Scott Kirkland

==========

ByteSize (https://github.com/omar/ByteSize)

The MIT License (MIT)

Copyright (c) 2013-2014 Omar Khudeira (http://omar.io)

---

microsoft.csharp

© Microsoft Corporation. All rights reserved.

MIT License

SPDX identifier

MIT

License text

MIT License

Copyright (c) <year> <copyright holders>

MIT License

SPDX web page

https://spdx.org/licenses/MIT.html

Notice

This license content is provided by the SPDX project. For more information about licenses.nuget.org, see our documentation.

Data pulled from spdx/license-list-data on February 9, 2023.

---

microsoft.extensions.dependencyinjection

© Microsoft Corporation. All rights reserved.

Apache License 2.0

SPDX identifier

Apache-2.0

License text

Apache License

Apache License, Version 2.0

Standard License Header

Copyright [yyyy] [name of copyright owner]

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Notes

This license was released January 2004

SPDX web page

https://spdx.org/licenses/Apache-2.0.html

Notice

This license content is provided by the SPDX project. For more information about licenses.nuget.org, see our documentation.

Data pulled from spdx/license-list-data on February 9, 2023.

---

microsoft.extensions.dependencyinjection.abstractions

© Microsoft Corporation. All rights reserved.

Apache License 2.0

SPDX identifier

Apache-2.0

License text

Apache License

Apache License, Version 2.0

Standard License Header

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Notes

This license was released January 2004

SPDX web page

https://spdx.org/licenses/Apache-2.0.html

Notice

This license content is provided by the SPDX project. For more information about licenses.nuget.org, see our documentation.

Data pulled from spdx/license-list-data on February 9, 2023.

---

microsoft.net.test.sdk

© Microsoft Corporation. All rights reserved.

The MIT License (MIT)

Copyright (c) Microsoft Corporation

All rights reserved.

MIT License

MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT .NET LIBRARY

Microsoft Software License Terms (Microsoft .Net Library)

---

moq

BSD-3-Clause

Copyright (c) 2007, Clarius Consulting, Manas Technology Solutions, InSTEDD,

and Contributors. All rights reserved.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

BSD 3-Clause License

---

newtonsoft.json

The MIT License (MIT)

Copyright (c) 2007 James Newton-King

MIT License

Nunit

Copyright (c) 2021 Charlie Poole, Rob Prouse

MIT License

NUnit 3.0 is based on earlier versions of NUnit, with Portions

Copyright (c) 2002-2014 Charlie Poole or

Copyright (c) 2002-2004 James W. Newkirk, Michael C. Two, Alexei A. Vorontsov or

Copyright (c) 2000-2002 Philip A. Craig

Copyright (c) 2015 Charlie Poole, Rob Prouse

Copyright (c) 2016 Charlie Poole, Rob Prouse

Copyright (c) 2018 Charlie Poole, Rob Prouse

---

nunit3testadapter

Copyright (c) 2011-2020 Charlie Poole, 2014-2020 Terje Sandstrom

Copyright (c) 2011-2020 Charlie Poole, 2014-2020 Terje Sandstrom

MIT License

---

system.threading.tasks.extensions

© Microsoft Corporation. All rights reserved.

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

MIT License

.NET Core uses third-party libraries or other resources that may be
distributed under licenses different than the .NET Core software.
In the event that we accidentally failed to list a required notice, please
bring it to our attention. Post an issue or email us:
dotnet@microsoft.com
The attached notices are provided for information only.
License notice for ASP.NET

Copyright (c) .NET Foundation. All rights reserved.
Licensed under the Apache License, Version 2.0.
Available at
https://github.com/aspnet/AspNetCore/blob/master/LICENSE.txt
License notice for Slicing-by-8
---
http://sourceforge.net/projects/slicing-by-8/
Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved
This software program is licensed subject to the BSD License, available at
http://www.opensource.org/licenses/bsd-license.html.
License notice for Unicode data
---
http://www.unicode.org/copyright.html#License
Copyright © 1991-2017 Unicode, Inc. All rights reserved.
Distributed under the Terms of Use in http://www.unicode.org/copyright.html.
Permission is hereby granted, free of charge, to any person obtaining
a copy of the Unicode data files and any associated documentation
(the "Data Files") or Unicode software and any associated documentation
(the "Software") to deal in the Data Files or Software
without restriction, including without limitation the rights to use,

Copyright © 1988, 2025, Oracle and/or its affiliates.

copy, modify, merge, publish, distribute, and/or sell copies of
the Data Files or Software, and to permit persons to whom the Data Files
or Software are furnished to do so, provided that either
(a) this copyright and permission notice appear with all copies
of the Data Files or Software, or
(b) this copyright and permission notice appear in associated
Documentation.
THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF
ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE
WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT OF THIRD PARTY RIGHTS.
IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS
NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL
DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,
DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER
TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR
PERFORMANCE OF THE DATA FILES OR SOFTWARE.
Except as contained in this notice, the name of a copyright holder
shall not be used in advertising or otherwise to promote the sale,
use or other dealings in these Data Files or Software without prior
written authorization of the copyright holder.
License notice for Zlib
---
https://github.com/madler/zlib
http://zlib.net/zlib_license.html
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
Zlib Data Compression Library License

*/

License notice for Mono

---

http://www.mono-project.com/docs/about-mono/

Copyright (c) .NET Foundation Contributors

MIT License

MIT License

License notice for International Organization for Standardization

---

Portions (C) International Organization for Standardization 1986:

Permission to copy in any form is granted for use with

conforming SGML systems and applications as defined in

ISO 8879, provided this notice is included in all copies.

License notice for Intel

"Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved

BSD 2-Clause License

License notice for Xamarin and Novell

Copyright (c) 2015 Xamarin, Inc (http://www.xamarin.com)

MIT License

Copyright (c) 2011 Novell, Inc (http://www.novell.com)

MIT License

Third party notice for W3C

"W3C SOFTWARE AND DOCUMENT NOTICE AND LICENSE

Status: This license takes effect 13 May, 2015.

This work is being provided by the copyright holders under the following license.

License

Copyright © 1988, 2025, Oracle and/or its affiliates.

By obtaining and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this work, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the work or portions thereof, including modifications:

The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software and Document Short Notice should be included.

Notice of any changes or modifications, through a copyright statement on the new code or document such as "This software or document includes material copied from or derived from [title and URI of the W3C document]. Copyright © [YEAR] W3C® (MIT, ERCIM, Keio, Beihang)."

Disclaimers

THIS WORK IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENT WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENT.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the work without specific, written prior permission. Title to copyright in this work will at all times remain with copyright holders."

License notice for Bit Twiddling Hacks

Bit Twiddling Hacks

By Sean Eron Anderson

seander@cs.stanford.edu

Individually, the code snippets here are in the public domain (unless otherwise

noted) — feel free to use them however you please. The aggregate collection and

descriptions are © 1997-2005 Sean Eron Anderson. The code and descriptions are

distributed in the hope that they will be useful, but WITHOUT ANY WARRANTY and

without even the implied warranty of merchantability or fitness for a particular

purpose.

License notice for Brotli

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

MIT License

compress_fragment.c:

Copyright (c) 2011, Google Inc.

All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

decode_fuzzer.c:

Copyright (c) 2015 The Chromium Authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

License notice for Json.NET

---

https://github.com/JamesNK/Newtonsoft.Json/blob/master/LICENSE.md

The MIT License (MIT)

Copyright (c) 2007 James Newton-King

MIT License

License notice for vectorized base64 encoding / decoding

Copyright (c) 2005-2007, Nick Galbreath

Copyright (c) 2013-2017, Alfred Klomp

Copyright (c) 2015-2017, Wojciech Mula

Copyright (c) 2016-2017, Matthieu Darbois

All rights reserved.

BSD 2-Clause License

NUnitLite

Copyright (c) 2021 Charlie Poole, Rob Prouse

MIT License

NUnit 3.0 is based on earlier versions of NUnit, with Portions

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2002-2014 Charlie Poole or

Copyright (c) 2002-2004 James W. Newkirk, Michael C. Two, Alexei A. Vorontsov or

Copyright (c) 2000-2002 Philip A. Craig

System.Diagnostics.Tools

MICROSOFT SOFTWARE LICENSE TERMS

Microsoft Software License Terms (Microsoft .Net Library)

This Microsoft .NET Library may incorporate components from the projects listed below. Microsoft licenses these components under the Microsoft .NET Library software license terms. The original copyright notices and the licenses under which Microsoft received such components are set forth below for informational purposes only. Microsoft reserves all rights not expressly granted herein, whether by implication, estoppel or otherwise.

1. .NET Core (https://github.com/dotnet/core/)

.NET Core

Copyright (c) .NET Foundation and Contributors

The MIT License (MIT)

MIT License

System.Drawing.Common

MIT License

SPDX identifier

MIT

License text

MIT License

Copyright (c) <year> <copyright holders>

MIT License

SPDX web page

https://spdx.org/licenses/MIT.html

Notice

This license content is provided by the SPDX project. For more information about licenses.nuget.org, see our documentation.

Data pulled from spdx/license-list-data on February 9, 2023.

.NET Runtime uses third-party libraries or other resources that may be

distributed under licenses different than the .NET Runtime software.

In the event that we accidentally failed to list a required notice, please

bring it to our attention. Post an issue or email us:

dotnet@microsoft.com

The attached notices are provided for information only.

License notice for ASP.NET

Copyright (c) .NET Foundation. All rights reserved.

Licensed under the Apache License, Version 2.0.

Available at

https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt

License notice for Slicing-by-8

---

http://sourceforge.net/projects/slicing-by-8/

Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved

This software program is licensed subject to the BSD License, available at

http://www.opensource.org/licenses/bsd-license.html.

License notice for Unicode data

---

https://www.unicode.org/license.html

Copyright © 1991-2022 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Unicode License

License notice for Zlib

 Copyright © 1988, 2025, Oracle and/or its affiliates.

https://github.com/madler/zlib

https://zlib.net/zlib_license.html

/* zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.12, March 27th, 2022

Copyright (C) 1995-2022 Jean-loup Gailly and Mark Adler

Zlib Data Compression Library License

*/

License notice for Mono

---

http://www.mono-project.com/docs/about-mono/

Copyright (c) .NET Foundation Contributors

MIT License

MIT License

License notice for International Organization for Standardization

---

Portions (C) International Organization for Standardization 1986:

Permission to copy in any form is granted for use with

conforming SGML systems and applications as defined in

ISO 8879, provided this notice is included in all copies.

License notice for Intel

"Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved

BSD 2-Clause License

License notice for Xamarin and Novell

Copyright (c) 2015 Xamarin, Inc (http://www.xamarin.com)

MIT License

Copyright (c) 2011 Novell, Inc (http://www.novell.com)

MIT License

Third party notice for W3C

"W3C SOFTWARE AND DOCUMENT NOTICE AND LICENSE

Status: This license takes effect 13 May, 2015.

This work is being provided by the copyright holders under the following license.

License

By obtaining and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this work, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the work or portions thereof, including modifications:

The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software and Document Short Notice should be included.

Notice of any changes or modifications, through a copyright statement on the new code or document such as "This software or document includes material copied from or derived from [title and URI of the W3C document]. Copyright © [YEAR] W3C® (MIT, ERCIM, Keio, Beihang)."

Disclaimers

THIS WORK IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENT WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENT.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the work without specific, written prior permission. Title to copyright in this work will at all times remain with copyright holders."

License notice for Bit Twiddling Hacks

Bit Twiddling Hacks

By Sean Eron Anderson

seander@cs.stanford.edu

Individually, the code snippets here are in the public domain (unless otherwise

 Copyright © 1988, 2025, Oracle and/or its affiliates.

noted) — feel free to use them however you please. The aggregate collection and descriptions are © 1997-2005 Sean Eron Anderson. The code and descriptions are distributed in the hope that they will be useful, but WITHOUT ANY WARRANTY and without even the implied warranty of merchantability or fitness for a particular purpose.

License notice for Brotli

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

MIT License

compress_fragment.c:

Copyright (c) 2011, Google Inc.

All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

decode_fuzzer.c:

Copyright (c) 2015 The Chromium Authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

License notice for Json.NET

---

https://github.com/JamesNK/Newtonsoft.Json/blob/master/LICENSE.md

The MIT License (MIT)

Copyright (c) 2007 James Newton-King

MIT License

License notice for vectorized base64 encoding / decoding

Copyright (c) 2005-2007, Nick Galbreath

Copyright (c) 2013-2017, Alfred Klomp

Copyright (c) 2015-2017, Wojciech Mula

Copyright (c) 2016-2017, Matthieu Darbois

All rights reserved.

BSD 2-Clause License

License notice for RFC 3492

The punycode implementation is based on the sample code in RFC 3492

Copyright (C) The Internet Society (2003). All Rights Reserved.
This document and translations of it may be copied and furnished to
others, and derivative works that comment on or otherwise explain it
or assist in its implementation may be prepared, copied, published
and distributed, in whole or in part, without restriction of any
kind, provided that the above copyright notice and this paragraph are
included on all such copies and derivative works. However, this
document itself may not be modified in any way, such as by removing
the copyright notice or references to the Internet Society or other
Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for
copyrights defined in the Internet Standards process must be
followed, or as required to translate it into languages other than
English.
The limited permissions granted above are perpetual and will not be
revoked by the Internet Society or its successors or assigns.
This document and the information contained herein is provided on an
"AS IS" basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING
TASK FORCE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING
BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION
HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF
MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

License notice for Algorithm from Internet Draft document "UUIDs and GUIDs"

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.

Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &
Digital Equipment Corporation, Maynard, Mass.
To anyone who acknowledges that this file is provided "AS IS"
without any express or implied warranty: permission to use, copy,
modify, and distribute this file for any purpose is hereby
granted without fee, provided that the above copyright notices and
this notice appears in all source code copies, and that none of
the names of Open Software Foundation, Inc., Hewlett-Packard
Company, or Digital Equipment Corporation be used in advertising
or publicity pertaining to distribution of the software without
specific, written prior permission. Neither Open Software
Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital Equipment
Corporation makes any representations about the suitability of
this software for any purpose.
Copyright(C) The Internet Society 1997. All Rights Reserved.
This document and translations of it may be copied and furnished to others,
and derivative works that comment on or otherwise explain it or assist in
its implementation may be prepared, copied, published and distributed, in
whole or in part, without restriction of any kind, provided that the above
copyright notice and this paragraph are included on all such copies and
derivative works.However, this document itself may not be modified in any
way, such as by removing the copyright notice or references to the Internet
Society or other Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for copyrights
defined in the Internet Standards process must be followed, or as required
to translate it into languages other than English.
The limited permissions granted above are perpetual and will not be revoked
by the Internet Society or its successors or assigns.
This document and the information contained herein is provided on an "AS IS"

basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING TASK FORCE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

License notice for Algorithm from RFC 4122 -

A Universally Unique IDentifier (UUID) URN Namespace

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.

Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &

Digital Equipment Corporation, Maynard, Mass.

Copyright (c) 1998 Microsoft.

To anyone who acknowledges that this file is provided "AS IS"

without any express or implied warranty: permission to use, copy,

modify, and distribute this file for any purpose is hereby

granted without fee, provided that the above copyright notices and

this notice appears in all source code copies, and that none of

the names of Open Software Foundation, Inc., Hewlett-Packard

Company, Microsoft, or Digital Equipment Corporation be used in

advertising or publicity pertaining to distribution of the software

without specific, written prior permission. Neither Open Software

Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital

Equipment Corporation makes any representations about the

suitability of this software for any purpose."

License notice for The LLVM Compiler Infrastructure

Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

 Copyright © 1988, 2025, Oracle and/or its affiliates.

http://llvm.org

Permission is hereby granted, free of charge, to any person obtaining a copy of
this software and associated documentation files (the "Software"), to deal with
the Software without restriction, including without limitation the rights to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies
of the Software, and to permit persons to whom the Software is furnished to do
so, subject to the following conditions:

* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimers.

* Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimers in the
documentation and/or other materials provided with the distribution.

* Neither the names of the LLVM Team, University of Illinois at
Urbana-Champaign, nor the names of its contributors may be used to
endorse or promote products derived from this Software without specific
prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE
SOFTWARE.

License notice for Bob Jenkins

By Bob Jenkins, 1996. bob_jenkins@burtleburtle.net. You may use this
code any way you wish, private, educational, or commercial. It's free.

License notice for Greg Parker

Greg Parker gparker@cs.stanford.edu December 2000

This code is in the public domain and may be copied or modified without

permission.

License notice for libunwind based code

MIT License

License notice for Printing Floating-Point Numbers (Dragon4)

/**

Copyright (c) 2014 Ryan Juckett

http://www.ryanjuckett.com/

This software is provided 'as-is', without any express or implied

warranty. In no event will the authors be held liable for any damages

arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,

including commercial applications, and to alter it and redistribute it

freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not

claim that you wrote the original software. If you use this software

in a product, an acknowledgment in the product documentation would be

appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be

misrepresented as being the original software.

3. This notice may not be removed or altered from any source

distribution.

**/

License notice for Printing Floating-point Numbers (Grisu3)

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2012 the V8 project authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

License notice for xxHash

---

xxHash Library

Copyright (c) 2012-2014, Yann Collet

All rights reserved.

BSD 2-Clause License

License notice for Berkeley SoftFloat Release 3e

---

https://github.com/ucb-bar/berkeley-softfloat-3

https://github.com/ucb-bar/berkeley-softfloat-3/blob/master/COPYING.txt

License for Berkeley SoftFloat Release 3e

John R. Hauser

2018 January 20

The following applies to the whole of SoftFloat Release 3e as well as to

each source file individually.

Copyright 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 The Regents of the

University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,

this list of conditions, and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions, and the following disclaimer in the

documentation and/or other materials provided with the distribution.

3. Neither the name of the University nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS", AND ANY

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE

DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF

THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

License notice for xoshiro RNGs

Written in 2018 by David Blackman and Sebastiano Vigna (vigna@acm.org)

To the extent possible under law, the author has dedicated all copyright

and related and neighboring rights to this software to the public domain

worldwide. This software is distributed without any warranty.

See <http://creativecommons.org/publicdomain/zero/1.0/>.

License for fastmod (https://github.com/lemire/fastmod) and ibm-fpgen (https://github.com/nigeltao/parse-number-fxx-test-data)

Copyright 2018 Daniel Lemire

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

See the License for the specific language governing permissions and

limitations under the License.

License for sse4-strstr (https://github.com/WojciechMula/sse4-strstr)

Copyright (c) 2008-2016, Wojciech Muła

All rights reserved.

BSD 2-Clause License

License notice for The C++ REST SDK

C++ REST SDK

The MIT License (MIT)

Copyright (c) Microsoft Corporation

All rights reserved.

MIT License

License notice for MessagePack-CSharp

MessagePack for C#

MIT License

Copyright (c) 2017 Yoshifumi Kawai

MIT License

License notice for lz4net

---

lz4net

Copyright (c) 2013-2017, Milosz Krajewski

All rights reserved.

BSD 2-Clause License

License notice for Nerdbank.Streams

The MIT License (MIT)

Copyright (c) Andrew Arnott

MIT License

License notice for RapidJSON

Tencent is pleased to support the open source community by making RapidJSON available.

Copyright (C) 2015 THL A29 Limited, a Tencent company, and Milo Yip. All rights reserved.

Licensed under the MIT License (the "License"); you may not use this file except

in compliance with the License. You may obtain a copy of the License at

http://opensource.org/licenses/MIT

Unless required by applicable law or agreed to in writing, software distributed

under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

CONDITIONS OF ANY KIND, either express or implied. See the License for the

specific language governing permissions and limitations under the License.

License notice for DirectX Math Library

---

https://github.com/microsoft/DirectXMath/blob/master/LICENSE

The MIT License (MIT)

Copyright (c) 2011-2020 Microsoft Corp

MIT License

License notice for ldap4net

The MIT License (MIT)

Copyright (c) 2018 Alexander Chermyanin

MIT License

License notice for vectorized sorting code

MIT License

Copyright (c) 2020 Dan Shechter

MIT License

Copyright © 1988, 2025, Oracle and/or its affiliates.

License notice for musl

---

musl as a whole is licensed under the following standard MIT license:

Copyright © 2005-2020 Rich Felker, et al.

MIT License

License notice for "Faster Unsigned Division by Constants"

Reference implementations of computing and using the "magic number" approach to dividing

by constants, including codegen instructions. The unsigned division incorporates the

"round down" optimization per ridiculous_fish.

This is free and unencumbered software. Any copyright is dedicated to the Public Domain.

License notice for mimalloc

MIT License

Copyright (c) 2019 Microsoft Corporation, Daan Leijen

MIT License

License for remote stack unwind (https://github.com/llvm/llvm-project/blob/main/lldb/source/Symbol/CompactUnwindInfo.cpp)

Copyright 2019 LLVM Project

Licensed under the Apache License, Version 2.0 (the "License") with LLVM Exceptions;

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

https://llvm.org/LICENSE.txt

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

License notice for Apple header files

Copyright (c) 1980, 1986, 1993

The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

3. All advertising materials mentioning features or use of this software

must display the following acknowledgement:

This product includes software developed by the University of

California, Berkeley and its contributors.

4. Neither the name of the University nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS

OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

Copyright © 1988, 2025, Oracle and/or its affiliates.

SUCH DAMAGE.

License notice for JavaScript queues

Creative Commons Legal Code

License notice for FastFloat algorithm

MIT License

Copyright (c) 2021 csFastFloat authors

MIT License

License notice for MsQuic

Copyright (c) Microsoft Corporation.

Licensed under the MIT License.

Available at

https://github.com/microsoft/msquic/blob/main/LICENSE

License notice for m-ou-se/floatconv

Copyright (c) 2020 Mara Bos <m-ou.se@m-ou.se>

All rights reserved.

BSD 2-Clause License

License notice for code from The Practice of Programming

Copyright (C) 1999 Lucent Technologies

Excerpted from 'The Practice of Programming

by Brian W. Kernighan and Rob Pike

You may use this code for any purpose, as long as you leave the copyright notice and book citation attached.

Notice for Euclidean Affine Functions and Applications to Calendar

Algorithms

Aspects of Date/Time processing based on algorithm described in "Euclidean Affine Functions and Applications to Calendar

Algorithms", Cassio Neri and Lorenz Schneider. https://arxiv.org/pdf/2102.06959.pdf

License notice for amd/aocl-libm-ose

Copyright (C) 2008-2020 Advanced Micro Devices, Inc. All rights reserved.

BSD 3-Clause License

System.Runtime

MICROSOFT SOFTWARE LICENSE TERMS

Microsoft Software License Terms (Microsoft .Net Library)

This Microsoft .NET Library may incorporate components from the projects listed

below. Microsoft licenses these components under the Microsoft .NET Library

software license terms. The original copyright notices and the licenses under

which Microsoft received such components are set forth below for informational

purposes only. Microsoft reserves all rights not expressly granted herein,

whether by implication, estoppel or otherwise.

1. .NET Core (https://github.com/dotnet/core/)

.NET Core

Copyright (c) .NET Foundation and Contributors

The MIT License (MIT)

MIT License

System.Runtime.InteropServices

MICROSOFT SOFTWARE LICENSE TERMS

Microsoft Software License Terms (Microsoft .Net Library)

This Microsoft .NET Library may incorporate components from the projects listed

below. Microsoft licenses these components under the Microsoft .NET Library

software license terms. The original copyright notices and the licenses under

which Microsoft received such components are set forth below for informational

 Copyright © 1988, 2025, Oracle and/or its affiliates.

purposes only. Microsoft reserves all rights not expressly granted herein,

whether by implication, estoppel or otherwise.

1. .NET Core (https://github.com/dotnet/core/)

.NET Core

Copyright (c) .NET Foundation and Contributors

The MIT License (MIT)

MIT License

System.Text.Json

MIT License

SPDX identifier

MIT

License text

MIT License

Copyright (c) <year> <copyright holders>

MIT License

SPDX web page

https://spdx.org/licenses/MIT.html

Notice

This license content is provided by the SPDX project. For more information about licenses.nuget.org, see our documentation.

Data pulled from spdx/license-list-data on February 9, 2023.

.NET Runtime uses third-party libraries or other resources that may be

distributed under licenses different than the .NET Runtime software.

In the event that we accidentally failed to list a required notice, please

bring it to our attention. Post an issue or email us:

dotnet@microsoft.com

The attached notices are provided for information only.

License notice for ASP.NET

Copyright (c) .NET Foundation. All rights reserved.

Licensed under the Apache License, Version 2.0.

Available at

https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt

License notice for Slicing-by-8

---

http://sourceforge.net/projects/slicing-by-8/

Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved

This software program is licensed subject to the BSD License, available at

http://www.opensource.org/licenses/bsd-license.html.

License notice for Unicode data

---

https://www.unicode.org/license.html

Copyright © 1991-2020 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Unicode License

License notice for Zlib

---

https://github.com/madler/zlib

https://zlib.net/zlib_license.html

/* zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.13, October 13th, 2022

Copyright (C) 1995-2022 Jean-loup Gailly and Mark Adler

Zlib Data Compression Library License

*/

License notice for Mono

---

http://www.mono-project.com/docs/about-mono/

Copyright (c) .NET Foundation Contributors

 Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

MIT License

License notice for International Organization for Standardization

---

Portions (C) International Organization for Standardization 1986:

Permission to copy in any form is granted for use with

conforming SGML systems and applications as defined in

ISO 8879, provided this notice is included in all copies.

License notice for Intel

"Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved

BSD 2-Clause License

License notice for Xamarin and Novell

Copyright (c) 2015 Xamarin, Inc (http://www.xamarin.com)

MIT License

Copyright (c) 2011 Novell, Inc (http://www.novell.com)

MIT License

Third party notice for W3C

"W3C SOFTWARE AND DOCUMENT NOTICE AND LICENSE

Status: This license takes effect 13 May, 2015.

This work is being provided by the copyright holders under the following license.

License

By obtaining and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this work, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the work or portions thereof, including modifications:

The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software and Document Short Notice should be included.

Notice of any changes or modifications, through a copyright statement on the new code or document such as "This software or document includes material copied from or derived from [title and URI of the W3C document]. Copyright © [YEAR] W3C® (MIT, ERCIM, Keio, Beihang)."

Disclaimers

THIS WORK IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENT WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENT.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the work without specific, written prior permission. Title to copyright in this work will at all times remain with copyright holders."

License notice for Bit Twiddling Hacks

Bit Twiddling Hacks

By Sean Eron Anderson

seander@cs.stanford.edu

Individually, the code snippets here are in the public domain (unless otherwise

noted) — feel free to use them however you please. The aggregate collection and

descriptions are © 1997-2005 Sean Eron Anderson. The code and descriptions are

distributed in the hope that they will be useful, but WITHOUT ANY WARRANTY and

without even the implied warranty of merchantability or fitness for a particular

purpose.

License notice for Brotli

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

MIT License

compress_fragment.c:

Copyright (c) 2011, Google Inc.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

decode_fuzzer.c:

Copyright (c) 2015 The Chromium Authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

License notice for Json.NET

---

https://github.com/JamesNK/Newtonsoft.Json/blob/master/LICENSE.md

The MIT License (MIT)

Copyright (c) 2007 James Newton-King

MIT License

License notice for vectorized base64 encoding / decoding

Copyright (c) 2005-2007, Nick Galbreath

Copyright (c) 2013-2017, Alfred Klomp

Copyright (c) 2015-2017, Wojciech Mula

Copyright (c) 2016-2017, Matthieu Darbois

All rights reserved.

BSD 2-Clause License

License notice for RFC 3492

The punycode implementation is based on the sample code in RFC 3492

Copyright (C) The Internet Society (2003). All Rights Reserved.

This document and translations of it may be copied and furnished to

others, and derivative works that comment on or otherwise explain it

or assist in its implementation may be prepared, copied, published

and distributed, in whole or in part, without restriction of any

kind, provided that the above copyright notice and this paragraph are

included on all such copies and derivative works. However, this

document itself may not be modified in any way, such as by removing
the copyright notice or references to the Internet Society or other
Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for
copyrights defined in the Internet Standards process must be
followed, or as required to translate it into languages other than
English.
The limited permissions granted above are perpetual and will not be
revoked by the Internet Society or its successors or assigns.
This document and the information contained herein is provided on an
"AS IS" basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING
TASK FORCE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING
BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION
HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF
MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
License notice for Algorithm from Internet Draft document "UUIDs and GUIDs"

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.
Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &
Digital Equipment Corporation, Maynard, Mass.
To anyone who acknowledges that this file is provided "AS IS"
without any express or implied warranty: permission to use, copy,
modify, and distribute this file for any purpose is hereby
granted without fee, provided that the above copyright notices and
this notice appears in all source code copies, and that none of
the names of Open Software Foundation, Inc., Hewlett-Packard
Company, or Digital Equipment Corporation be used in advertising
or publicity pertaining to distribution of the software without
specific, written prior permission. Neither Open Software

Copyright © 1988, 2025, Oracle and/or its affiliates.

Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital Equipment
Corporation makes any representations about the suitability of
this software for any purpose.

Copyright(C) The Internet Society 1997. All Rights Reserved.

This document and translations of it may be copied and furnished to others,
and derivative works that comment on or otherwise explain it or assist in
its implementation may be prepared, copied, published and distributed, in
whole or in part, without restriction of any kind, provided that the above
copyright notice and this paragraph are included on all such copies and
derivative works.However, this document itself may not be modified in any
way, such as by removing the copyright notice or references to the Internet
Society or other Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for copyrights
defined in the Internet Standards process must be followed, or as required
to translate it into languages other than English.

The limited permissions granted above are perpetual and will not be revoked
by the Internet Society or its successors or assigns.

This document and the information contained herein is provided on an "AS IS"
basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING TASK FORCE
DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO
ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY
RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A
PARTICULAR PURPOSE.

License notice for Algorithm from RFC 4122 -
A Universally Unique IDentifier (UUID) URN Namespace

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.

Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &
Digital Equipment Corporation, Maynard, Mass.

Copyright (c) 1998 Microsoft.

To anyone who acknowledges that this file is provided "AS IS"
without any express or implied warranty: permission to use, copy,
modify, and distribute this file for any purpose is hereby
granted without fee, provided that the above copyright notices and
this notice appears in all source code copies, and that none of
the names of Open Software Foundation, Inc., Hewlett-Packard
Company, Microsoft, or Digital Equipment Corporation be used in
advertising or publicity pertaining to distribution of the software
without specific, written prior permission. Neither Open Software
Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital
Equipment Corporation makes any representations about the
suitability of this software for any purpose."

License notice for The LLVM Compiler Infrastructure

Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

http://llvm.org

Permission is hereby granted, free of charge, to any person obtaining a copy of
this software and associated documentation files (the "Software"), to deal with
the Software without restriction, including without limitation the rights to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies
of the Software, and to permit persons to whom the Software is furnished to do
so, subject to the following conditions:

* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimers.

* Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimers in the

 Copyright © 1988, 2025, Oracle and/or its affiliates.

documentation and/or other materials provided with the distribution.

* Neither the names of the LLVM Team, University of Illinois at

Urbana-Champaign, nor the names of its contributors may be used to

endorse or promote products derived from this Software without specific

prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS

FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE

SOFTWARE.

License notice for Bob Jenkins

By Bob Jenkins, 1996. bob_jenkins@burtleburtle.net. You may use this

code any way you wish, private, educational, or commercial. It's free.

License notice for Greg Parker

Greg Parker gparker@cs.stanford.edu December 2000

This code is in the public domain and may be copied or modified without

permission.

License notice for libunwind based code

MIT License

License notice for Printing Floating-Point Numbers (Dragon4)

/**

Copyright (c) 2014 Ryan Juckett

http://www.ryanjuckett.com/

This software is provided 'as-is', without any express or implied

warranty. In no event will the authors be held liable for any damages

arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,

including commercial applications, and to alter it and redistribute it

freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not

claim that you wrote the original software. If you use this software

in a product, an acknowledgment in the product documentation would be

appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be

misrepresented as being the original software.

3. This notice may not be removed or altered from any source

distribution.

**********/

License notice for Printing Floating-point Numbers (Grisu3)

Copyright 2012 the V8 project authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

License notice for xxHash

---

xxHash Library

Copyright (c) 2012-2014, Yann Collet

All rights reserved.

BSD 2-Clause License

License notice for Berkeley SoftFloat Release 3e

Copyright © 1988, 2025, Oracle and/or its affiliates.

https://github.com/ucb-bar/berkeley-softfloat-3

https://github.com/ucb-bar/berkeley-softfloat-3/blob/master/COPYING.txt

License for Berkeley SoftFloat Release 3e

John R. Hauser

2018 January 20

The following applies to the whole of SoftFloat Release 3e as well as to

each source file individually.

Copyright 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 The Regents of the

University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,

this list of conditions, and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions, and the following disclaimer in the

documentation and/or other materials provided with the distribution.

3. Neither the name of the University nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS", AND ANY

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE

DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF

THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

License notice for xoshiro RNGs

Written in 2018 by David Blackman and Sebastiano Vigna (vigna@acm.org)

To the extent possible under law, the author has dedicated all copyright

and related and neighboring rights to this software to the public domain

worldwide. This software is distributed without any warranty.

See <http://creativecommons.org/publicdomain/zero/1.0/>.

License for fastmod (https://github.com/lemire/fastmod) and ibm-fpgen (https://github.com/nigeltao/parse-number-fxx-test-data)

Copyright 2018 Daniel Lemire

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

License notice for The C++ REST SDK

C++ REST SDK

The MIT License (MIT)

Copyright (c) Microsoft Corporation

All rights reserved.

MIT License

License notice for MessagePack-CSharp

 Copyright © 1988, 2025, Oracle and/or its affiliates.

MessagePack for C#

MIT License

Copyright (c) 2017 Yoshifumi Kawai

MIT License

License notice for lz4net

---

lz4net

Copyright (c) 2013-2017, Milosz Krajewski

All rights reserved.

BSD 2-Clause License

License notice for Nerdbank.Streams

The MIT License (MIT)

Copyright (c) Andrew Arnott

MIT License

License notice for RapidJSON

Tencent is pleased to support the open source community by making RapidJSON available.

Copyright (C) 2015 THL A29 Limited, a Tencent company, and Milo Yip. All rights reserved.

Licensed under the MIT License (the "License"); you may not use this file except

in compliance with the License. You may obtain a copy of the License at

http://opensource.org/licenses/MIT

Unless required by applicable law or agreed to in writing, software distributed

under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

CONDITIONS OF ANY KIND, either express or implied. See the License for the

specific language governing permissions and limitations under the License.

License notice for DirectX Math Library

---

https://github.com/microsoft/DirectXMath/blob/master/LICENSE

The MIT License (MIT)

Copyright (c) 2011-2020 Microsoft Corp

MIT License

License notice for ldap4net

The MIT License (MIT)

Copyright (c) 2018 Alexander Chermyanin

MIT License

License notice for vectorized sorting code

MIT License

Copyright (c) 2020 Dan Shechter

MIT License

License notice for musl

---

musl as a whole is licensed under the following standard MIT license:

Copyright © 2005-2020 Rich Felker, et al.

MIT License

License notice for "Faster Unsigned Division by Constants"

Reference implementations of computing and using the "magic number" approach to dividing by constants, including codegen instructions. The unsigned division incorporates the "round down" optimization per ridiculous_fish.

This is free and unencumbered software. Any copyright is dedicated to the Public Domain.

License notice for mimalloc

MIT License

Copyright (c) 2019 Microsoft Corporation, Daan Leijen

MIT License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License for remote stack unwind (https://github.com/llvm/llvm-project/blob/main/lldb/source/Symbol/CompactUnwindInfo.cpp)

Copyright 2019 LLVM Project

Licensed under the Apache License, Version 2.0 (the "License") with LLVM Exceptions;

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

https://llvm.org/LICENSE.txt

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

NETStandard.Library

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

MIT License

This Microsoft .NET Library may incorporate components from the projects listed

below. Microsoft licenses these components under the Microsoft .NET Library

software license terms. The original copyright notices and the licenses under

which Microsoft received such components are set forth below for informational

purposes only. Microsoft reserves all rights not expressly granted herein,

whether by implication, estoppel or otherwise.

1. .NET Core (https://github.com/dotnet/core/)

.NET Core

Copyright (c) .NET Foundation and Contributors

The MIT License (MIT)

MIT License

Microsoft.NETCore.App.Runtime.linux-x64

MIT License

SPDX identifier

MIT

License text

MIT License

Copyright (c) <year> <copyright holders>

MIT License

SPDX web page

https://spdx.org/licenses/MIT.html

Notice

This license content is provided by the SPDX project. For more information about licenses.nuget.org, see our documentation.

Data pulled from spdx/license-list-data on February 9, 2023.

.NET Core uses third-party libraries or other resources that may be

distributed under licenses different than the .NET Core software.

In the event that we accidentally failed to list a required notice, please

bring it to our attention. Post an issue or email us:

dotnet@microsoft.com

The attached notices are provided for information only.

License notice for dotnet-deb-tool

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

MIT License

License notice for IIS-Common

MIT License

Copyright (c) Microsoft Corporation. All rights reserved.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

License notice for IIS-Setup

MIT License

Copyright (c) Microsoft Corporation. All rights reserved.

MIT License

License notice for viz.js

Copyright (c) 2014-2018 Michael Daines

MIT License

License notice for MessagePack-CSharp

MessagePack for C#

MIT License

Copyright (c) 2017 Yoshifumi Kawai

MIT License

---

lz4net

Copyright (c) 2013-2017, Milosz Krajewski

All rights reserved.

BSD 2-Clause License

License notice for Nerdbank.Streams

The MIT License (MIT)

Copyright (c) Andrew Arnott

MIT License

License notice for Angular v8.0

The MIT License (MIT)

==========

Copyright (c) 2010-2019 Google LLC. http://angular.io/license

MIT License

License notice for corefx

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

MIT License

License notice for West Wind Live Reload ASP.NET Core Middleware

==========

MIT License

Copyright (c) 2019-2020 West Wind Technologies

MIT License

License notice for cli-spinners

==========

MIT License

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

MIT License

License notice for BedrockFramework

==========

MIT License

Copyright (c) 2019 David Fowler

MIT License

License notice for Swashbuckle

==========

The MIT License (MIT)

Copyright (c) 2016 Richard Morris

Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

License notice for Newtonsoft.Json

==========

The MIT License (MIT)

Copyright (c) 2007 James Newton-King

MIT License

Microsoft.NETCore.App.Runtime.osx-arm64

MIT License

SPDX identifier

MIT

License text

MIT License

Copyright (c) <year> <copyright holders>

MIT License

SPDX web page

https://spdx.org/licenses/MIT.html

Notice

This license content is provided by the SPDX project. For more information about licenses.nuget.org, see our documentation.

Data pulled from spdx/license-list-data on February 9, 2023.

.NET Core uses third-party libraries or other resources that may be

distributed under licenses different than the .NET Core software.

In the event that we accidentally failed to list a required notice, please

bring it to our attention. Post an issue or email us:

dotnet@microsoft.com

The attached notices are provided for information only.

License notice for dotnet-deb-tool

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

MIT License

License notice for IIS-Common

MIT License

Copyright (c) Microsoft Corporation. All rights reserved.

MIT License

License notice for IIS-Setup

MIT License

Copyright (c) Microsoft Corporation. All rights reserved.

MIT License

License notice for viz.js

Copyright (c) 2014-2018 Michael Daines

MIT License

License notice for MessagePack-CSharp

MessagePack for C#

MIT License

Copyright (c) 2017 Yoshifumi Kawai

MIT License

---

lz4net

Copyright (c) 2013-2017, Milosz Krajewski

All rights reserved.

BSD 2-Clause License

License notice for Nerdbank.Streams

Copyright © 1988, 2025, Oracle and/or its affiliates.

The MIT License (MIT)

Copyright (c) Andrew Arnott

MIT License

License notice for Angular v8.0

The MIT License (MIT)

==========

Copyright (c) 2010-2019 Google LLC. http://angular.io/license

MIT License

License notice for corefx

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

MIT License

License notice for West Wind Live Reload ASP.NET Core Middleware

==========

MIT License

Copyright (c) 2019-2020 West Wind Technologies

MIT License

License notice for cli-spinners

==========

MIT License

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

MIT License

License notice for BedrockFramework

==========

MIT License

Copyright (c) 2019 David Fowler

MIT License

License notice for Swashbuckle

==========

The MIT License (MIT)

Copyright (c) 2016 Richard Morris

MIT License

License notice for Newtonsoft.Json

==========

The MIT License (MIT)

Copyright (c) 2007 James Newton-King

MIT License

Microsoft.NETCore.App.Runtime.osx-x64

MIT License

SPDX identifier

MIT

License text

MIT License

Copyright (c) <year> <copyright holders>

MIT License

SPDX web page

https://spdx.org/licenses/MIT.html

Notice

This license content is provided by the SPDX project. For more information about licenses.nuget.org, see our documentation.

Data pulled from spdx/license-list-data on February 9, 2023.

.NET Runtime uses third-party libraries or other resources that may be

distributed under licenses different than the .NET Runtime software.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

In the event that we accidentally failed to list a required notice, please

bring it to our attention. Post an issue or email us:

dotnet@microsoft.com

The attached notices are provided for information only.

License notice for ASP.NET

Copyright (c) .NET Foundation. All rights reserved.

Licensed under the Apache License, Version 2.0.

Available at

https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt

License notice for Slicing-by-8

---

http://sourceforge.net/projects/slicing-by-8/

Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved

This software program is licensed subject to the BSD License, available at

http://www.opensource.org/licenses/bsd-license.html.

License notice for Unicode data

---

https://www.unicode.org/license.html

Copyright © 1991-2020 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Unicode License

License notice for Zlib

---

https://github.com/madler/zlib

http://zlib.net/zlib_license.html

/* zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

Zlib Data Compression Library License

*/

License notice for Mono

---

http://www.mono-project.com/docs/about-mono/

Copyright (c) .NET Foundation Contributors

MIT License

MIT License

License notice for International Organization for Standardization

---

Portions (C) International Organization for Standardization 1986:

Permission to copy in any form is granted for use with

conforming SGML systems and applications as defined in

ISO 8879, provided this notice is included in all copies.

License notice for Intel

"Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved

BSD 2-Clause License

License notice for Xamarin and Novell

Copyright (c) 2015 Xamarin, Inc (http://www.xamarin.com)

MIT License

Copyright (c) 2011 Novell, Inc (http://www.novell.com)

MIT License

Third party notice for W3C

"W3C SOFTWARE AND DOCUMENT NOTICE AND LICENSE

Status: This license takes effect 13 May, 2015.

This work is being provided by the copyright holders under the following license.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License

By obtaining and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this work, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the work or portions thereof, including modifications:

The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software and Document Short Notice should be included.

Notice of any changes or modifications, through a copyright statement on the new code or document such as "This software or document includes material copied from or derived from [title and URI of the W3C document]. Copyright © [YEAR] W3C® (MIT, ERCIM, Keio, Beihang)."

Disclaimers

THIS WORK IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENT WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENT.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the work without specific, written prior permission. Title to copyright in this work will at all times remain with copyright holders."

License notice for Bit Twiddling Hacks

Bit Twiddling Hacks

By Sean Eron Anderson

seander@cs.stanford.edu

Individually, the code snippets here are in the public domain (unless otherwise

noted) — feel free to use them however you please. The aggregate collection and

descriptions are © 1997-2005 Sean Eron Anderson. The code and descriptions are

distributed in the hope that they will be useful, but WITHOUT ANY WARRANTY and

without even the implied warranty of merchantability or fitness for a particular

purpose.

License notice for Brotli

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

MIT License

compress_fragment.c:

Copyright (c) 2011, Google Inc.

All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

decode_fuzzer.c:

Copyright (c) 2015 The Chromium Authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

License notice for Json.NET

---

https://github.com/JamesNK/Newtonsoft.Json/blob/master/LICENSE.md

The MIT License (MIT)

Copyright (c) 2007 James Newton-King

MIT License

License notice for vectorized base64 encoding / decoding

Copyright (c) 2005-2007, Nick Galbreath

Copyright (c) 2013-2017, Alfred Klomp

Copyright (c) 2015-2017, Wojciech Mula

Copyright (c) 2016-2017, Matthieu Darbois

All rights reserved.

BSD 2-Clause License

License notice for RFC 3492

The punycode implementation is based on the sample code in RFC 3492

Copyright (C) The Internet Society (2003). All Rights Reserved.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

This document and translations of it may be copied and furnished to
others, and derivative works that comment on or otherwise explain it
or assist in its implementation may be prepared, copied, published
and distributed, in whole or in part, without restriction of any
kind, provided that the above copyright notice and this paragraph are
included on all such copies and derivative works. However, this
document itself may not be modified in any way, such as by removing
the copyright notice or references to the Internet Society or other
Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for
copyrights defined in the Internet Standards process must be
followed, or as required to translate it into languages other than
English.
The limited permissions granted above are perpetual and will not be
revoked by the Internet Society or its successors or assigns.
This document and the information contained herein is provided on an
"AS IS" basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING
TASK FORCE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING
BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION
HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF
MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
License notice for Algorithm from Internet Draft document "UUIDs and GUIDs"

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.
Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &
Digital Equipment Corporation, Maynard, Mass.
To anyone who acknowledges that this file is provided "AS IS"
without any express or implied warranty: permission to use, copy,
modify, and distribute this file for any purpose is hereby

granted without fee, provided that the above copyright notices and
this notice appears in all source code copies, and that none of
the names of Open Software Foundation, Inc., Hewlett-Packard
Company, or Digital Equipment Corporation be used in advertising
or publicity pertaining to distribution of the software without
specific, written prior permission. Neither Open Software
Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital Equipment
Corporation makes any representations about the suitability of
this software for any purpose.

Copyright(C) The Internet Society 1997. All Rights Reserved.

This document and translations of it may be copied and furnished to others,
and derivative works that comment on or otherwise explain it or assist in
its implementation may be prepared, copied, published and distributed, in
whole or in part, without restriction of any kind, provided that the above
copyright notice and this paragraph are included on all such copies and
derivative works.However, this document itself may not be modified in any
way, such as by removing the copyright notice or references to the Internet
Society or other Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for copyrights
defined in the Internet Standards process must be followed, or as required
to translate it into languages other than English.

The limited permissions granted above are perpetual and will not be revoked
by the Internet Society or its successors or assigns.

This document and the information contained herein is provided on an "AS IS"
basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING TASK FORCE
DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO
ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY
RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A
PARTICULAR PURPOSE.

Copyright © 1988, 2025, Oracle and/or its affiliates.

License notice for Algorithm from RFC 4122 -

A Universally Unique IDentifier (UUID) URN Namespace

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.

Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &

Digital Equipment Corporation, Maynard, Mass.

Copyright (c) 1998 Microsoft.

To anyone who acknowledges that this file is provided "AS IS"

without any express or implied warranty: permission to use, copy,

modify, and distribute this file for any purpose is hereby

granted without fee, provided that the above copyright notices and

this notice appears in all source code copies, and that none of

the names of Open Software Foundation, Inc., Hewlett-Packard

Company, Microsoft, or Digital Equipment Corporation be used in

advertising or publicity pertaining to distribution of the software

without specific, written prior permission. Neither Open Software

Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital

Equipment Corporation makes any representations about the

suitability of this software for any purpose."

License notice for The LLVM Compiler Infrastructure

Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

http://llvm.org

Permission is hereby granted, free of charge, to any person obtaining a copy of

this software and associated documentation files (the "Software"), to deal with

the Software without restriction, including without limitation the rights to

use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies

of the Software, and to permit persons to whom the Software is furnished to do

so, subject to the following conditions:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimers.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimers in the

documentation and/or other materials provided with the distribution.

* Neither the names of the LLVM Team, University of Illinois at

Urbana-Champaign, nor the names of its contributors may be used to

endorse or promote products derived from this Software without specific

prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS

FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE

SOFTWARE.

License notice for Bob Jenkins

By Bob Jenkins, 1996. bob_jenkins@burtleburtle.net. You may use this

code any way you wish, private, educational, or commercial. It's free.

License notice for Greg Parker

Greg Parker gparker@cs.stanford.edu December 2000

This code is in the public domain and may be copied or modified without

permission.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License notice for libunwind based code

MIT License

License notice for Printing Floating-Point Numbers (Dragon4)

/**

Copyright (c) 2014 Ryan Juckett

http://www.ryanjuckett.com/

This software is provided 'as-is', without any express or implied

warranty. In no event will the authors be held liable for any damages

arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,

including commercial applications, and to alter it and redistribute it

freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not

claim that you wrote the original software. If you use this software

in a product, an acknowledgment in the product documentation would be

appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be

misrepresented as being the original software.

3. This notice may not be removed or altered from any source

distribution.

**/

License notice for Printing Floating-point Numbers (Grisu3)

Copyright 2012 the V8 project authors. All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are

met:

* Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following
disclaimer in the documentation and/or other materials provided
with the distribution.
* Neither the name of Google Inc. nor the names of its
contributors may be used to endorse or promote products derived
from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
License notice for xxHash

---

xxHash Library

Copyright (c) 2012-2014, Yann Collet

All rights reserved.

BSD 2-Clause License

License notice for Berkeley SoftFloat Release 3e

---

https://github.com/ucb-bar/berkeley-softfloat-3

 Copyright © 1988, 2025, Oracle and/or its affiliates.

https://github.com/ucb-bar/berkeley-softfloat-3/blob/master/COPYING.txt

License for Berkeley SoftFloat Release 3e

John R. Hauser

2018 January 20

The following applies to the whole of SoftFloat Release 3e as well as to

each source file individually.

Copyright 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 The Regents of the

University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,

this list of conditions, and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions, and the following disclaimer in the

documentation and/or other materials provided with the distribution.

3. Neither the name of the University nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS", AND ANY

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE

DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF

THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright © 1988, 2025, Oracle and/or its affiliates.

License notice for xoshiro RNGs

Written in 2018 by David Blackman and Sebastiano Vigna (vigna@acm.org)

To the extent possible under law, the author has dedicated all copyright

and related and neighboring rights to this software to the public domain

worldwide. This software is distributed without any warranty.

See <http://creativecommons.org/publicdomain/zero/1.0/>.

License for fastmod (https://github.com/lemire/fastmod) and ibm-fpgen (https://github.com/nigeltao/parse-number-fxx-test-data)

Copyright 2018 Daniel Lemire

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

License notice for The C++ REST SDK

C++ REST SDK

The MIT License (MIT)

Copyright (c) Microsoft Corporation

All rights reserved.

MIT License

License notice for MessagePack-CSharp

MessagePack for C#

 Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

Copyright (c) 2017 Yoshifumi Kawai

MIT License

License notice for lz4net

---

lz4net

Copyright (c) 2013-2017, Milosz Krajewski

All rights reserved.

BSD 2-Clause License

License notice for Nerdbank.Streams

The MIT License (MIT)

Copyright (c) Andrew Arnott

MIT License

License notice for RapidJSON

Tencent is pleased to support the open source community by making RapidJSON available.

Copyright (C) 2015 THL A29 Limited, a Tencent company, and Milo Yip. All rights reserved.

Licensed under the MIT License (the "License"); you may not use this file except

in compliance with the License. You may obtain a copy of the License at

http://opensource.org/licenses/MIT

Unless required by applicable law or agreed to in writing, software distributed

under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

CONDITIONS OF ANY KIND, either express or implied. See the License for the

specific language governing permissions and limitations under the License.

License notice for DirectX Math Library

---

https://github.com/microsoft/DirectXMath/blob/master/LICENSE

The MIT License (MIT)

Copyright (c) 2011-2020 Microsoft Corp

MIT License

License notice for ldap4net

The MIT License (MIT)

Copyright (c) 2018 Alexander Chermyanin

MIT License

License notice for vectorized sorting code

MIT License

Copyright (c) 2020 Dan Shechter

MIT License

License notice for musl

---

musl as a whole is licensed under the following standard MIT license:

Copyright © 2005-2020 Rich Felker, et al.

MIT License

License notice for "Faster Unsigned Division by Constants"

Reference implementations of computing and using the "magic number" approach to dividing

by constants, including codegen instructions. The unsigned division incorporates the

"round down" optimization per ridiculous_fish.

This is free and unencumbered software. Any copyright is dedicated to the Public Domain.

License notice for mimalloc

MIT License

Copyright (c) 2019 Microsoft Corporation, Daan Leijen

MIT License

License for remote stack unwind (https://github.com/llvm/llvm-project/blob/main/lldb/source/Symbol/CompactUnwindInfo.cpp)

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright 2019 LLVM Project

Licensed under the Apache License, Version 2.0 (the "License") with LLVM Exceptions;

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

https://llvm.org/LICENSE.txt

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Microsoft.NETCore.App.Runtime.win-x64

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

MIT License

.NET Runtime uses third-party libraries or other resources that may be

distributed under licenses different than the .NET Runtime software.

In the event that we accidentally failed to list a required notice, please

bring it to our attention. Post an issue or email us:

dotnet@microsoft.com

The attached notices are provided for information only.

License notice for ASP.NET

Copyright (c) .NET Foundation. All rights reserved.

Licensed under the Apache License, Version 2.0.

Available at

https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt

License notice for Slicing-by-8

---

http://sourceforge.net/projects/slicing-by-8/

Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved

This software program is licensed subject to the BSD License, available at

http://www.opensource.org/licenses/bsd-license.html.

License notice for Unicode data

---

https://www.unicode.org/license.html

Copyright © 1991-2020 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Unicode License

License notice for Zlib

---

https://github.com/madler/zlib

http://zlib.net/zlib_license.html

/* zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

Zlib Data Compression Library License

*/

License notice for Mono

---

http://www.mono-project.com/docs/about-mono/

Copyright (c) .NET Foundation Contributors

MIT License

MIT License

License notice for International Organization for Standardization

---

Copyright © 1988, 2025, Oracle and/or its affiliates.

Portions (C) International Organization for Standardization 1986:

Permission to copy in any form is granted for use with

conforming SGML systems and applications as defined in

ISO 8879, provided this notice is included in all copies.

License notice for Intel

"Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER

CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

License notice for Xamarin and Novell

Copyright (c) 2015 Xamarin, Inc (http://www.xamarin.com)

MIT License

Copyright (c) 2011 Novell, Inc (http://www.novell.com)

MIT License

Third party notice for W3C

"W3C SOFTWARE AND DOCUMENT NOTICE AND LICENSE

Status: This license takes effect 13 May, 2015.

This work is being provided by the copyright holders under the following license.

License

By obtaining and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this work, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the work or portions thereof, including modifications:

The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software and Document Short Notice should be included.

Notice of any changes or modifications, through a copyright statement on the new code or document such as "This software or document includes material copied from or derived from [title and URI of the W3C document]. Copyright © [YEAR] W3C® (MIT, ERCIM, Keio, Beihang)."

Disclaimers

THIS WORK IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENT WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENT.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the work without specific, written prior permission. Title to copyright in this work will at all times remain with copyright holders."

License notice for Bit Twiddling Hacks

Copyright © 1988, 2025, Oracle and/or its affiliates.

Bit Twiddling Hacks

By Sean Eron Anderson

seander@cs.stanford.edu

Individually, the code snippets here are in the public domain (unless otherwise noted) — feel free to use them however you please. The aggregate collection and descriptions are © 1997-2005 Sean Eron Anderson. The code and descriptions are distributed in the hope that they will be useful, but WITHOUT ANY WARRANTY and without even the implied warranty of merchantability or fitness for a particular purpose.

License notice for Brotli

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

MIT License

compress_fragment.c:

Copyright (c) 2011, Google Inc.

All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

decode_fuzzer.c:

Copyright (c) 2015 The Chromium Authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

License notice for Json.NET

---

https://github.com/JamesNK/Newtonsoft.Json/blob/master/LICENSE.md

The MIT License (MIT)

Copyright (c) 2007 James Newton-King

MIT License

License notice for vectorized base64 encoding / decoding

Copyright (c) 2005-2007, Nick Galbreath

Copyright (c) 2013-2017, Alfred Klomp

Copyright (c) 2015-2017, Wojciech Mula

Copyright (c) 2016-2017, Matthieu Darbois

All rights reserved.

BSD 2-Clause License

License notice for RFC 3492

The punycode implementation is based on the sample code in RFC 3492

Copyright (C) The Internet Society (2003). All Rights Reserved.

This document and translations of it may be copied and furnished to
others, and derivative works that comment on or otherwise explain it
or assist in its implementation may be prepared, copied, published
and distributed, in whole or in part, without restriction of any
kind, provided that the above copyright notice and this paragraph are
included on all such copies and derivative works. However, this
document itself may not be modified in any way, such as by removing
the copyright notice or references to the Internet Society or other
Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for
copyrights defined in the Internet Standards process must be
followed, or as required to translate it into languages other than
English.

The limited permissions granted above are perpetual and will not be
revoked by the Internet Society or its successors or assigns.

This document and the information contained herein is provided on an
"AS IS" basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING
TASK FORCE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING
BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION
HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF

Copyright © 1988, 2025, Oracle and/or its affiliates.

MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

License notice for Algorithm from Internet Draft document "UUIDs and GUIDs"

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.

Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &

Digital Equipment Corporation, Maynard, Mass.

To anyone who acknowledges that this file is provided "AS IS"

without any express or implied warranty: permission to use, copy,

modify, and distribute this file for any purpose is hereby

granted without fee, provided that the above copyright notices and

this notice appears in all source code copies, and that none of

the names of Open Software Foundation, Inc., Hewlett-Packard

Company, or Digital Equipment Corporation be used in advertising

or publicity pertaining to distribution of the software without

specific, written prior permission. Neither Open Software

Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital Equipment

Corporation makes any representations about the suitability of

this software for any purpose.

Copyright(C) The Internet Society 1997. All Rights Reserved.

This document and translations of it may be copied and furnished to others,

and derivative works that comment on or otherwise explain it or assist in

its implementation may be prepared, copied, published and distributed, in

whole or in part, without restriction of any kind, provided that the above

copyright notice and this paragraph are included on all such copies and

derivative works.However, this document itself may not be modified in any

way, such as by removing the copyright notice or references to the Internet

Society or other Internet organizations, except as needed for the purpose of

developing Internet standards in which case the procedures for copyrights

defined in the Internet Standards process must be followed, or as required

to translate it into languages other than English.

The limited permissions granted above are perpetual and will not be revoked

by the Internet Society or its successors or assigns.

This document and the information contained herein is provided on an "AS IS"

basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING TASK FORCE

DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO

ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY

RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A

PARTICULAR PURPOSE.

License notice for Algorithm from RFC 4122 -

A Universally Unique IDentifier (UUID) URN Namespace

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.

Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &

Digital Equipment Corporation, Maynard, Mass.

Copyright (c) 1998 Microsoft.

To anyone who acknowledges that this file is provided "AS IS"

without any express or implied warranty: permission to use, copy,

modify, and distribute this file for any purpose is hereby

granted without fee, provided that the above copyright notices and

this notice appears in all source code copies, and that none of

the names of Open Software Foundation, Inc., Hewlett-Packard

Company, Microsoft, or Digital Equipment Corporation be used in

advertising or publicity pertaining to distribution of the software

without specific, written prior permission. Neither Open Software

Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital

Equipment Corporation makes any representations about the

suitability of this software for any purpose."

License notice for The LLVM Compiler Infrastructure

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

http://llvm.org

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal with the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.

* Neither the names of the LLVM Team, University of Illinois at Urbana-Champaign, nor the names of its contributors may be used to endorse or promote products derived from this Software without specific prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE SOFTWARE.

License notice for Bob Jenkins

By Bob Jenkins, 1996. bob_jenkins@burtleburtle.net. You may use this
code any way you wish, private, educational, or commercial. It's free.

License notice for Greg Parker

Greg Parker gparker@cs.stanford.edu December 2000
This code is in the public domain and may be copied or modified without
permission.

License notice for libunwind based code

MIT License

License notice for Printing Floating-Point Numbers (Dragon4)

/**

Copyright (c) 2014 Ryan Juckett
http://www.ryanjuckett.com/
This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any damages
arising from the use of this software.
Permission is granted to anyone to use this software for any purpose,
including commercial applications, and to alter it and redistribute it
freely, subject to the following restrictions:
1. The origin of this software must not be misrepresented; you must not
claim that you wrote the original software. If you use this software
in a product, an acknowledgment in the product documentation would be
appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

3. This notice may not be removed or altered from any source

distribution.

**********/

License notice for Printing Floating-point Numbers (Grisu3)

Copyright 2012 the V8 project authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

License notice for xxHash

---

xxHash Library

Copyright (c) 2012-2014, Yann Collet

All rights reserved.

BSD 2-Clause License

License notice for Berkeley SoftFloat Release 3e

---

https://github.com/ucb-bar/berkeley-softfloat-3

https://github.com/ucb-bar/berkeley-softfloat-3/blob/master/COPYING.txt

License for Berkeley SoftFloat Release 3e

John R. Hauser

2018 January 20

The following applies to the whole of SoftFloat Release 3e as well as to

each source file individually.

Copyright 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 The Regents of the

University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,

this list of conditions, and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions, and the following disclaimer in the

documentation and/or other materials provided with the distribution.

3. Neither the name of the University nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS", AND ANY

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE

DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF

THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

License notice for xoshiro RNGs

Written in 2018 by David Blackman and Sebastiano Vigna (vigna@acm.org)

To the extent possible under law, the author has dedicated all copyright

and related and neighboring rights to this software to the public domain

worldwide. This software is distributed without any warranty.

See <http://creativecommons.org/publicdomain/zero/1.0/>.

License for fastmod (https://github.com/lemire/fastmod) and ibm-fpgen (https://github.com/nigeltao/parse-number-fxx-test-data)

Copyright 2018 Daniel Lemire

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

 Copyright © 1988, 2025, Oracle and/or its affiliates.

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

License notice for The C++ REST SDK

C++ REST SDK

The MIT License (MIT)

Copyright (c) Microsoft Corporation

All rights reserved.

MIT License

License notice for MessagePack-CSharp

MessagePack for C#

MIT License

Copyright (c) 2017 Yoshifumi Kawai

MIT License

License notice for lz4net

---

lz4net

Copyright (c) 2013-2017, Milosz Krajewski

All rights reserved.

BSD 2-Clause License

License notice for Nerdbank.Streams

The MIT License (MIT)

Copyright (c) Andrew Arnott

MIT License

License notice for RapidJSON

Tencent is pleased to support the open source community by making RapidJSON available.

Copyright (C) 2015 THL A29 Limited, a Tencent company, and Milo Yip. All rights reserved.

Licensed under the MIT License (the "License"); you may not use this file except

in compliance with the License. You may obtain a copy of the License at

http://opensource.org/licenses/MIT

Unless required by applicable law or agreed to in writing, software distributed

under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

CONDITIONS OF ANY KIND, either express or implied. See the License for the

specific language governing permissions and limitations under the License.

License notice for DirectX Math Library

---

https://github.com/microsoft/DirectXMath/blob/master/LICENSE

The MIT License (MIT)

Copyright (c) 2011-2020 Microsoft Corp

MIT License

License notice for ldap4net

The MIT License (MIT)

Copyright (c) 2018 Alexander Chermyanin

MIT License

License notice for vectorized sorting code

MIT License

Copyright (c) 2020 Dan Shechter

MIT License

License notice for musl

Copyright © 1988, 2025, Oracle and/or its affiliates.

---

musl as a whole is licensed under the following standard MIT license:

Copyright © 2005-2020 Rich Felker, et al.

MIT License

License notice for "Faster Unsigned Division by Constants"

Reference implementations of computing and using the "magic number" approach to dividing

by constants, including codegen instructions. The unsigned division incorporates the

"round down" optimization per ridiculous_fish.

This is free and unencumbered software. Any copyright is dedicated to the Public Domain.

License notice for mimalloc

MIT License

Copyright (c) 2019 Microsoft Corporation, Daan Leijen

MIT License

License for remote stack unwind (https://github.com/llvm/llvm-project/blob/main/lldb/source/Symbol/CompactUnwindInfo.cpp)

Copyright 2019 LLVM Project

Licensed under the Apache License, Version 2.0 (the "License") with LLVM Exceptions;

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

https://llvm.org/LICENSE.txt

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Microsoft.NETCore.App.Ref

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

MIT License

.NET Runtime uses third-party libraries or other resources that may be

distributed under licenses different than the .NET Runtime software.

In the event that we accidentally failed to list a required notice, please

bring it to our attention. Post an issue or email us:

dotnet@microsoft.com

The attached notices are provided for information only.

License notice for ASP.NET

Copyright (c) .NET Foundation. All rights reserved.

Licensed under the Apache License, Version 2.0.

Available at

https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt

License notice for Slicing-by-8

---

http://sourceforge.net/projects/slicing-by-8/

Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved

This software program is licensed subject to the BSD License, available at

http://www.opensource.org/licenses/bsd-license.html.

License notice for Unicode data

---

https://www.unicode.org/license.html

Copyright © 1991-2020 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Unicode License

License notice for Zlib

 Copyright © 1988, 2025, Oracle and/or its affiliates.

---

https://github.com/madler/zlib

http://zlib.net/zlib_license.html

/* zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

Zlib Data Compression Library License

*/

License notice for Mono

---

http://www.mono-project.com/docs/about-mono/

Copyright (c) .NET Foundation Contributors

MIT License

MIT License

License notice for International Organization for Standardization

---

Portions (C) International Organization for Standardization 1986:

Permission to copy in any form is granted for use with

conforming SGML systems and applications as defined in

ISO 8879, provided this notice is included in all copies.

License notice for Intel

"Copyright (c) 2004-2006 Intel Corporation - All Rights Reserved

BSD 2-Clause License

License notice for Xamarin and Novell

Copyright (c) 2015 Xamarin, Inc (http://www.xamarin.com)

MIT License

Copyright (c) 2011 Novell, Inc (http://www.novell.com)

MIT License

Third party notice for W3C

"W3C SOFTWARE AND DOCUMENT NOTICE AND LICENSE

Status: This license takes effect 13 May, 2015.

This work is being provided by the copyright holders under the following license.

License

By obtaining and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this work, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the work or portions thereof, including modifications:

The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software and Document Short Notice should be included.

Notice of any changes or modifications, through a copyright statement on the new code or document such as "This software or document includes material copied from or derived from [title and URI of the W3C document]. Copyright © [YEAR] W3C® (MIT, ERCIM, Keio, Beihang)."

Disclaimers

THIS WORK IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENT WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENT.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the work without specific, written prior permission. Title to copyright in this work will at all times remain with copyright holders."

License notice for Bit Twiddling Hacks

Bit Twiddling Hacks

By Sean Eron Anderson

seander@cs.stanford.edu

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Individually, the code snippets here are in the public domain (unless otherwise noted) — feel free to use them however you please. The aggregate collection and descriptions are © 1997-2005 Sean Eron Anderson. The code and descriptions are distributed in the hope that they will be useful, but WITHOUT ANY WARRANTY and without even the implied warranty of merchantability or fitness for a particular purpose.

License notice for Brotli

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

MIT License

compress_fragment.c:

Copyright (c) 2011, Google Inc.

All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

decode_fuzzer.c:

Copyright (c) 2015 The Chromium Authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

License notice for Json.NET

---

https://github.com/JamesNK/Newtonsoft.Json/blob/master/LICENSE.md

The MIT License (MIT)

Copyright (c) 2007 James Newton-King

MIT License

License notice for vectorized base64 encoding / decoding

Copyright (c) 2005-2007, Nick Galbreath

Copyright (c) 2013-2017, Alfred Klomp

Copyright (c) 2015-2017, Wojciech Mula

Copyright (c) 2016-2017, Matthieu Darbois

All rights reserved.

BSD 2-Clause License

License notice for RFC 3492

The punycode implementation is based on the sample code in RFC 3492

Copyright (C) The Internet Society (2003). All Rights Reserved.

This document and translations of it may be copied and furnished to
others, and derivative works that comment on or otherwise explain it
or assist in its implementation may be prepared, copied, published
and distributed, in whole or in part, without restriction of any
kind, provided that the above copyright notice and this paragraph are
included on all such copies and derivative works. However, this
document itself may not be modified in any way, such as by removing
the copyright notice or references to the Internet Society or other
Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for
copyrights defined in the Internet Standards process must be
followed, or as required to translate it into languages other than
English.

The limited permissions granted above are perpetual and will not be
revoked by the Internet Society or its successors or assigns.

This document and the information contained herein is provided on an
"AS IS" basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING
TASK FORCE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING
BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION
HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF
MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

License notice for Algorithm from Internet Draft document "UUIDs and GUIDs"

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.
Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &
Digital Equipment Corporation, Maynard, Mass.
To anyone who acknowledges that this file is provided "AS IS"
without any express or implied warranty: permission to use, copy,
modify, and distribute this file for any purpose is hereby
granted without fee, provided that the above copyright notices and
this notice appears in all source code copies, and that none of
the names of Open Software Foundation, Inc., Hewlett-Packard
Company, or Digital Equipment Corporation be used in advertising
or publicity pertaining to distribution of the software without
specific, written prior permission. Neither Open Software
Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital Equipment
Corporation makes any representations about the suitability of
this software for any purpose.
Copyright(C) The Internet Society 1997. All Rights Reserved.
This document and translations of it may be copied and furnished to others,
and derivative works that comment on or otherwise explain it or assist in
its implementation may be prepared, copied, published and distributed, in
whole or in part, without restriction of any kind, provided that the above
copyright notice and this paragraph are included on all such copies and
derivative works.However, this document itself may not be modified in any
way, such as by removing the copyright notice or references to the Internet
Society or other Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for copyrights
defined in the Internet Standards process must be followed, or as required
to translate it into languages other than English.
The limited permissions granted above are perpetual and will not be revoked
by the Internet Society or its successors or assigns.

This document and the information contained herein is provided on an "AS IS"
basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING TASK FORCE
DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO
ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY
RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A
PARTICULAR PURPOSE.

License notice for Algorithm from RFC 4122 -

A Universally Unique IDentifier (UUID) URN Namespace

Copyright (c) 1990- 1993, 1996 Open Software Foundation, Inc.
Copyright (c) 1989 by Hewlett-Packard Company, Palo Alto, Ca. &
Digital Equipment Corporation, Maynard, Mass.
Copyright (c) 1998 Microsoft.
To anyone who acknowledges that this file is provided "AS IS"
without any express or implied warranty: permission to use, copy,
modify, and distribute this file for any purpose is hereby
granted without fee, provided that the above copyright notices and
this notice appears in all source code copies, and that none of
the names of Open Software Foundation, Inc., Hewlett-Packard
Company, Microsoft, or Digital Equipment Corporation be used in
advertising or publicity pertaining to distribution of the software
without specific, written prior permission. Neither Open Software
Foundation, Inc., Hewlett-Packard Company, Microsoft, nor Digital
Equipment Corporation makes any representations about the
suitability of this software for any purpose."

License notice for The LLVM Compiler Infrastructure

Developed by:

LLVM Team

 Copyright © 1988, 2025, Oracle and/or its affiliates.

University of Illinois at Urbana-Champaign

http://llvm.org

Permission is hereby granted, free of charge, to any person obtaining a copy of
this software and associated documentation files (the "Software"), to deal with
the Software without restriction, including without limitation the rights to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies
of the Software, and to permit persons to whom the Software is furnished to do
so, subject to the following conditions:

* Redistributions of source code must retain the above copyright notice,
this list of conditions and the following disclaimers.

* Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimers in the
documentation and/or other materials provided with the distribution.

* Neither the names of the LLVM Team, University of Illinois at
Urbana-Champaign, nor the names of its contributors may be used to
endorse or promote products derived from this Software without specific
prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE
SOFTWARE.

License notice for Bob Jenkins

By Bob Jenkins, 1996. bob_jenkins@burtleburtle.net. You may use this

code any way you wish, private, educational, or commercial. It's free.

License notice for Greg Parker

Greg Parker gparker@cs.stanford.edu December 2000

This code is in the public domain and may be copied or modified without

permission.

License notice for libunwind based code

MIT License

License notice for Printing Floating-Point Numbers (Dragon4)

/**

Copyright (c) 2014 Ryan Juckett

http://www.ryanjuckett.com/

This software is provided 'as-is', without any express or implied

warranty. In no event will the authors be held liable for any damages

arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,

including commercial applications, and to alter it and redistribute it

freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not

claim that you wrote the original software. If you use this software

in a product, an acknowledgment in the product documentation would be

appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be

misrepresented as being the original software.

3. This notice may not be removed or altered from any source

distribution.

**/

 Copyright © 1988, 2025, Oracle and/or its affiliates.

License notice for Printing Floating-point Numbers (Grisu3)

Copyright 2012 the V8 project authors. All rights reserved.

BSD 3-Clause License (With Google Inc Reference)

License notice for xxHash

---

xxHash Library

Copyright (c) 2012-2014, Yann Collet

All rights reserved.

BSD 2-Clause License

License notice for Berkeley SoftFloat Release 3e

---

https://github.com/ucb-bar/berkeley-softfloat-3

https://github.com/ucb-bar/berkeley-softfloat-3/blob/master/COPYING.txt

License for Berkeley SoftFloat Release 3e

John R. Hauser

2018 January 20

The following applies to the whole of SoftFloat Release 3e as well as to

each source file individually.

Copyright 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 The Regents of the

University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,

this list of conditions, and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions, and the following disclaimer in the

documentation and/or other materials provided with the distribution.

3. Neither the name of the University nor the names of its contributors

may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS", AND ANY

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE

DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY

DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF

THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

License notice for xoshiro RNGs

Written in 2018 by David Blackman and Sebastiano Vigna (vigna@acm.org)

To the extent possible under law, the author has dedicated all copyright

and related and neighboring rights to this software to the public domain

worldwide. This software is distributed without any warranty.

See <http://creativecommons.org/publicdomain/zero/1.0/>.

License for fastmod (https://github.com/lemire/fastmod) and ibm-fpgen (https://github.com/nigeltao/parse-number-fxx-test-data)

Copyright 2018 Daniel Lemire

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

License notice for The C++ REST SDK

C++ REST SDK

The MIT License (MIT)

Copyright (c) Microsoft Corporation

All rights reserved.

MIT License

License notice for MessagePack-CSharp

MessagePack for C#

MIT License

Copyright (c) 2017 Yoshifumi Kawai

MIT License

License notice for lz4net

---

lz4net

Copyright (c) 2013-2017, Milosz Krajewski

All rights reserved.

BSD 2-Clause License

License notice for Nerdbank.Streams

The MIT License (MIT)

Copyright (c) Andrew Arnott

MIT License

License notice for RapidJSON

Tencent is pleased to support the open source community by making RapidJSON available.

Copyright (C) 2015 THL A29 Limited, a Tencent company, and Milo Yip. All rights reserved.

Licensed under the MIT License (the "License"); you may not use this file except

in compliance with the License. You may obtain a copy of the License at

http://opensource.org/licenses/MIT

Unless required by applicable law or agreed to in writing, software distributed

under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

CONDITIONS OF ANY KIND, either express or implied. See the License for the

specific language governing permissions and limitations under the License.

License notice for DirectX Math Library

---

https://github.com/microsoft/DirectXMath/blob/master/LICENSE

The MIT License (MIT)

Copyright (c) 2011-2020 Microsoft Corp

MIT License

License notice for ldap4net

The MIT License (MIT)

Copyright (c) 2018 Alexander Chermyanin

MIT License

License notice for vectorized sorting code

MIT License

Copyright (c) 2020 Dan Shechter

MIT License

License notice for musl

---

musl as a whole is licensed under the following standard MIT license:

Copyright © 2005-2020 Rich Felker, et al.

Copyright © 1988, 2025, Oracle and/or its affiliates.

MIT License

License notice for "Faster Unsigned Division by Constants"

Reference implementations of computing and using the "magic number" approach to dividing

by constants, including codegen instructions. The unsigned division incorporates the

"round down" optimization per ridiculous_fish.

This is free and unencumbered software. Any copyright is dedicated to the Public Domain.

License notice for mimalloc

MIT License

Copyright (c) 2019 Microsoft Corporation, Daan Leijen

MIT License

License for remote stack unwind (https://github.com/llvm/llvm-project/blob/main/lldb/source/Symbol/CompactUnwindInfo.cpp)

Copyright 2019 LLVM Project

Licensed under the Apache License, Version 2.0 (the "License") with LLVM Exceptions;

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

https://llvm.org/LICENSE.txt

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Microsoft.AspNetCore.App.Ref

MIT License

SPDX identifier

MIT

License text

MIT License

Copyright (c) <year> <copyright holders>

MIT License

SPDX web page

https://spdx.org/licenses/MIT.html

Notice

This license content is provided by the SPDX project. For more information about licenses.nuget.org, see our documentation.

Data pulled from spdx/license-list-data on February 9, 2023.

.NET Core uses third-party libraries or other resources that may be

distributed under licenses different than the .NET Core software.

In the event that we accidentally failed to list a required notice, please

bring it to our attention. Post an issue or email us:

dotnet@microsoft.com

The attached notices are provided for information only.

License notice for dotnet-deb-tool

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

MIT License

License notice for IIS-Common

MIT License

Copyright (c) Microsoft Corporation. All rights reserved.

MIT License

License notice for IIS-Setup

MIT License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) Microsoft Corporation. All rights reserved.

MIT License

License notice for viz.js

Copyright (c) 2014-2018 Michael Daines

MIT License

License notice for MessagePack-CSharp

MessagePack for C#

MIT License

Copyright (c) 2017 Yoshifumi Kawai

MIT License

---

lz4net

Copyright (c) 2013-2017, Milosz Krajewski

All rights reserved.

BSD 2-Clause License

License notice for Nerdbank.Streams

The MIT License (MIT)

Copyright (c) Andrew Arnott

MIT License

License notice for Angular v8.0

The MIT License (MIT)

==========

Copyright (c) 2010-2019 Google LLC. http://angular.io/license

MIT License

License notice for corefx

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

MIT License

License notice for West Wind Live Reload ASP.NET Core Middleware

==========

MIT License

Copyright (c) 2019-2020 West Wind Technologies

MIT License

License notice for cli-spinners

==========

MIT License

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (https://sindresorhus.com)

MIT License

License notice for BedrockFramework

==========

MIT License

Copyright (c) 2019 David Fowler

MIT License

License notice for Swashbuckle

==========

The MIT License (MIT)

Copyright (c) 2016 Richard Morris

MIT License

License notice for Newtonsoft.Json

==========

The MIT License (MIT)

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright (c) 2007 James Newton-King

MIT License

ZipStorer

Microsoft Public License (Ms-PL)

Microsoft Public License (MS-PL)

Nunit-console

Copyright (c) 2021 Charlie Poole, Rob Prouse

MIT License

{\rtf1\ansi\ansicpg1252\deff0\nouicompat\deflang1033{\fonttbl{\f0\fnil\fcharset0 Calibri;}}

{*\generator Riched20 10.0.15063}\viewkind4\uc1

\pard\sa200\sl276\slmult1\b\f0\fs22\lang9 Copyright (c) 2021 Charlie Poole, Rob Prouse\b0\par

MIT License

}

NUnit 3.0 is based on earlier versions of NUnit, with Portions

Copyright (c) 2002-2014 Charlie Poole or

Copyright (c) 2002-2004 James W. Newkirk, Michael C. Two, Alexei A. Vorontsov or

Copyright (c) 2000-2002 Philip A. Craig

StyleCop.Analyzers

Copyright:

Copyright Sam Harwell 2015

Copyright (c) Tunnel Vision Laboratories, LLC. All rights reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use

these files except in compliance with the License. You may obtain a copy of the

License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed

under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
CONDITIONS OF ANY KIND, either express or implied. See the License for the
specific language governing permissions and limitations under the License.

This project uses other open source projects, which are used under the terms
of the following license(s).

.NET Compiler Platform ("Roslyn")

Copyright Microsoft.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use
these files except in compliance with the License. You may obtain a copy of the
License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed
under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
CONDITIONS OF ANY KIND, either express or implied. See the License for the
specific language governing permissions and limitations under the License.

Code Cracker

Copyright 2014 Giovanni Bassi and Elemar Jr.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use
these files except in compliance with the License. You may obtain a copy of the
License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed
under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
CONDITIONS OF ANY KIND, either express or implied. See the License for the
specific language governing permissions and limitations under the License.

LightJson

Copyright (c) 2017 Marcos López C.

MIT License

Copyright © 1988, 2025, Oracle and/or its affiliates.

---

ilRepack

Apache License 2.0

SPDX identifier

Apache-2.0

License text

Apache License

Apache License, Version 2.0

Standard License Header

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Notes

This license was released January 2004

SPDX web page

https://spdx.org/licenses/Apache-2.0.html

Notice

This license content is provided by the SPDX project. For more information about licenses.nuget.org, see our documentation.

Data pulled from spdx/license-list-data on February 9, 2023.

Ilmerge

MIT License

Copyright (c) .NET Foundation and Contributors

All Rights Reserved

MIT License

Selenium IDE Licenses

NOTICE file:

Copyright 2011-2016 Software Freedom Conservancy

Copyright 2004-2011 Selenium committers

Copyright 2016-2017 SideeX committers

This software (SideeX 2) preserves several key features of Selenium IDE and provides a number of advanced improvements. The preserved source code is copyrighted by Software Freedom Conservancy (2011-2016) and Selenium committers (2004-2011). The extended part of source code is copyrighted by SideeX committers (2016-2017).

Copyrights found in Selenium IDE source files:

// Licensed to the Software Freedom Conservancy (SFC) under one

// or more contributor license agreements. See the NOTICE file

// distributed with this work for additional information

// regarding copyright ownership. The SFC licenses this file

// to you under the Apache License, Version 2.0 (the

// "License"); you may not use this file except in compliance

// with the License. You may obtain a copy of the License at

//

// http://www.apache.org/licenses/LICENSE-2.0

//

// Unless required by applicable law or agreed to in writing,

// software distributed under the License is distributed on an

// "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY

// KIND, either express or implied. See the License for the

// specific language governing permissions and limitations

 Copyright © 1988, 2025, Oracle and/or its affiliates.

```
// under the License.
// This script will copy over the package.json version over
// to the manifest.version
/*
* Copyright 2017 SideeX committers
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
*/
/*
* Copyright 2005 Shinya Kasatani
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
```

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

/*

* Copyright 2011 Software Freedom Conservancy

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

* http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*

*/

// Licensed to the Software Freedom Conservancy (SFC) under one

// or more contributor license agreements. See the NOTICE file

// dControlFlowCommandChecks.istributed with thControlFlowCommandChecks.is work for additional information

// regarding copyright ownership. The SFC licenses thControlFlowCommandChecks.is file

// to you under the Apache License, Version 2.0 (the

// "License"); you may not use thControlFlowCommandChecks.is file except in compliance

// with the License. You may obtain a copy of the License at

 Copyright © 1988, 2025, Oracle and/or its affiliates.

//

// http://www.apache.org/licenses/LICENSE-2.0

//

// Unless required by applicable law or agreed to in writing,

// software dControlFlowCommandChecks.istributed under the License ControlFlowCommandChecks.is dControlFlowCommandChecks.istributed on an

// "AS ControlFlowCommandChecks.is" BASControlFlowCommandChecks.is, WITHOUT WARRANTIES OR CONDITIONS OF ANY

// KIND, either express or implied. See the License for the

// specific language governing permControlFlowCommandChecks.issions and limitations

// under the License.

Apache License

Apache License, Version 2.0

4th party dependencies:

The following are covered under MIT License (standard verbiage here):

MIT License

@babel/core 7.3.4

@babel/plugin-proposal-class-properties 7.3.4

@babel/plugin-proposal-decorators 7.3.0

@babel/plugin-transform-runtime 7.3.4

@babel/preset-env 7.3.4 Copyright (c)

For all of the above - Copyright (c) 2014-present Sebastian McKenzie and other contributors

@babel/preset-react 7.0.0 Copyright (c) 2014-2018 Sebastian McKenzie

autoprefixer 7.1.4 Copyright 2013 Andrey Sitnik <andrey@sitnik.ru>

babel-loader 8.0.5 Copyright (c) 2014-2016 Luís Couto <hello@luiscouto.pt>

closure-loader 0.6.0 Copyright (c) 2017 Steven Weingärtner

copy-webpack-plugin 4.0.1 Copyright (c) 2015 Len Boyette

css-loader 0.28.7 Copyright JS Foundation and other contributors

dom-testing-library 3.12.0 Copyright (c) 2017 Kent C. Dodds

exports-loader 0.6.4 Copyright JS Foundation and other contributors

extract-text-webpack-plugin 3.0.0 Copyright JS Foundation and other contributors

file-loader 0.11.2 Copyright JS Foundation and other contributors

html-webpack-plugin 2.30.1 Copyright (c) 2014 Charles Blaxland

imports-loader 0.7.1 Copyright JS Foundation and other contributors

jest-dom 1.3.1 Copyright (c) 2017 Kent C. Dodds

postcss-flexbugs-fixes 3.2.0 Copyright 2015 Luis Rudge <luis@luisrudge.net>

postcss-loader 2.0.6 Copyright 2017 Andrey Sitnik <andrey@sitnik.ru>

raw-loader 0.5.1 Copyright JS Foundation and other contributors

react-hot-loader 3.0.0-beta.7 Copyright (c) 2016 Dan Abramov

react-testing-library 3.1.4 Copyright (c) 2017 Kent C. Dodds

style-loader 0.18.2 Copyright JS Foundation and other contributors

uglifyjs-webpack-plugin 1.3.0 Copyright JS Foundation and other contributors

url-loader 0.5.9 Copyright JS Foundation and other contributors

webpack 3.5.6 Copyright JS Foundation and other contributors

webpack-dev-server 2.8.2 Copyright JS Foundation and other contributors

@medv/finder 1.1.1 Copyright (c) 2018 Anton Medvedev

classnames 2.2.5 Copyright (c) 2016 Jed Watson

js-beautify 1.7.5 Copyright (c) 2007-2017 Einar Lielmanis, Liam Newman, and contributors.

mobx 5.9.0 Copyright (c) 2015 Michel Weststrate

mobx-react 5.4.3 Copyright (c) 2015 Michel Weststrate

modifier-keys 1.2.1 Copyright (c) 2017 Applitools

rc-slider 8.4.0 Copyright (c) 2015-present Alipay.com, https://www.alipay.com/

react 16.0.0 Copyright (c) 2013-present, Facebook, Inc.

react-autocomplete 1.7.2 Copyright (c) 2015 Ryan Florence

react-dnd-html5-backend 2.5.4 Copyright (c) 2015 Dan Abramov

react-document-title 2.0.3 Copyright (c) 2014 Dan Abramov

react-dom 16.4.2 Copyright (c) 2013-present, Facebook, Inc.

react-dropzone 4.2.9 Copyright (c) 2014 Param Aggarwal

Copyright © 1988, 2025, Oracle and/or its affiliates.

react-linkify 0.2.2 Copyright (c) 2015 Tasti Zakarie

react-markdown 3.1.3 Copyright (c) 2015 Espen Hovlandsdal

react-modal 3.2.1 Copyright (c) 2017 Ryan Florence

react-split-pane 0.1.71 Copyright (c) 2015 tomkp

react-syntax-highlighter 8.0.1 Copyright (c) 2017 Conor Hastings

react-tooltip 3.8.1 Copyright (c) 2015 Wang Zixiao

resolve-url 0.2.1 Copyright (c) 2013 Simon Lydell

scroll-into-view-if-needed: 2 Copyright (c) 2017 Stian Didriksen

string-natural-compare 2.0.2 Copyright (c) 2015-2016 Nathan Woltman

styled-components 2.1.2 Copyright (c) 2016 Glen Maddern and Maximilian Stoiber

unescape 1.0.1 Copyright (c) 2014, 2016-2017, Jon Schlinkert

uuid 3.1.0 Copyright (c) 2010-2016 Robert Kieffer and other contributors

xml-escape 1.1.0 Copyright (c) 2014 Michael Hernandez

xml-js 1.5.2 Copyright (c) 2016-2017 Yousuf Almarzooqi

The following are covered under Apache 2.0 License (standard verbiage above):

fuse.js 3.3.0

google-closure-library 20170521.0.0

react-contenteditable 2.0.5

---

project-name-generator 2.1.4 (no license info found)

---

prop-types 15.5.10

BSD License

For React software

Copyright (c) 2013-present, Facebook, Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name Facebook nor the names of its contributors may be used to

endorse or promote products derived from this software without specific

prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

react-dnd: 5.0.0

BSD License

Copyright (c) 2015, Facebook, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this

 Copyright © 1988, 2025, Oracle and/or its affiliates.

list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* Neither the name Facebook nor the names of its contributors may be used to

endorse or promote products derived from this software without specific

prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

react-transition-group 2.2.1

BSD 3-Clause License

Copyright (c) 2016, React Community

Forked from React (https://github.com/facebook/react) Copyright 2013-present, Facebook, Inc.

All rights reserved.

BSD 3-Clause License

---

ua-parser-js 0.7.17

Dual licensed under GPLv2 & MIT

Copyright © 2012-2016 Faisal Salman

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

---

webextension-polyfill 0.3.1

Mozilla Public License Version 2.0

Mozilla Public License, Version 2.0

SIL Open Font License

Copyright (c) <dates>, <Copyright Holder> (<URL|email>),

with Reserved Font Name <Reserved Font Name>.

This Font Software is licensed under the SIL Open Font License, Version 1.1.

This license is copied below, and is also available with a FAQ at:

https://scripts.sil.org/OFL

SIL OPEN FONT LICENSE Version 1.1 - 26 February 2007

PREAMBLE

The goals of the Open Font License (OFL) are to stimulate worldwide

development of collaborative font projects, to support the font creation

efforts of academic and linguistic communities, and to provide a free and

open framework in which fonts may be shared and improved in partnership

with others.

The OFL allows the licensed fonts to be used, studied, modified and

 Copyright © 1988, 2025, Oracle and/or its affiliates.

redistributed freely as long as they are not sold by themselves. The fonts, including any derivative works, can be bundled, embedded, redistributed and/or sold with any software provided that any reserved names are not used by derivative works. The fonts and derivatives, however, cannot be released under any other type of license. The requirement for fonts to remain under this license does not apply to any document created using the fonts or their derivatives.

DEFINITIONS

"Font Software" refers to the set of files released by the Copyright Holder(s) under this license and clearly marked as such. This may include source files, build scripts and documentation.

"Reserved Font Name" refers to any names specified as such after the copyright statement(s).

"Original Version" refers to the collection of Font Software components as distributed by the Copyright Holder(s).

"Modified Version" refers to any derivative made by adding to, deleting, or substituting — in part or in whole — any of the components of the Original Version, by changing formats or by porting the Font Software to a new environment.

"Author" refers to any designer, engineer, programmer, technical writer or other person who contributed to the Font Software.

PERMISSION & CONDITIONS

Permission is hereby granted, free of charge, to any person obtaining a copy of the Font Software, to use, study, copy, merge, embed, modify, redistribute, and sell modified and unmodified copies of the Font Software, subject to the following conditions:

1) Neither the Font Software nor any of its individual components, in Original or Modified Versions, may be sold by itself.

2) Original or Modified Versions of the Font Software may be bundled,

Copyright © 1988, 2025, Oracle and/or its affiliates.

redistributed and/or sold with any software, provided that each copy contains the above copyright notice and this license. These can be included either as stand-alone text files, human-readable headers or in the appropriate machine-readable metadata fields within text or binary files as long as those fields can be easily viewed by the user.

3) No Modified Version of the Font Software may use the Reserved Font Name(s) unless explicit written permission is granted by the corresponding Copyright Holder. This restriction only applies to the primary font name as presented to the users.

4) The name(s) of the Copyright Holder(s) or the Author(s) of the Font Software shall not be used to promote, endorse or advertise any Modified Version, except to acknowledge the contribution(s) of the Copyright Holder(s) and the Author(s) or with their explicit written permission.

5) The Font Software, modified or unmodified, in part or in whole, must be distributed entirely under this license, and must not be distributed under any other license. The requirement for fonts to remain under this license does not apply to any document created using the Font Software.

TERMINATION

This license becomes null and void if any of the above conditions are not met.

DISCLAIMER

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL

Copyright © 1988, 2025, Oracle and/or its affiliates.

DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

TIGER Cartography Boundary Data License

Development received the TIGER cartography Boundary Data files from the United States census bureau.

The boundary information in the TIGER/Line Shapefiles is for statistical data collection and tabulation purposes only. Their depiction and designation for statistical purposes does not constitute a determination of jurisdictional authority or rights of ownership or entitlement and are not legal land descriptions. (Development should also include the statement in this term somewhere in the product documentation, depending on how the data is being used.)

1. Legal Disclaimer, Citation Information and Contact

1.1 TIGER/Line Shapefile Legal Disclaimers No warranty, expressed or implied, is made with regard to the accuracy of the data in the TIGER/Line Shapefiles, and no liability is assumed by the United States Government in general, or the Census Bureau specifically, as to the positional or attribute accuracy of the data. The boundary information in the TIGER/Line Shapefiles is for statistical data collection and tabulation purposes only. Their depiction and designation for statistical purposes does not constitute a determination of jurisdictional authority or rights of ownership or entitlement and are not legal land descriptions. TIGER/Line® is a registered trademark of the Census Bureau. TIGER/Line cannot be used as or within the proprietary product names of any commercial product including or otherwise relevant to Census Bureau data and may only be used to refer to the nature of such a product. The Census Bureau requests that any repackaging of the TIGER/Line Shapefile data, documentation, and other files accompanying it for distribution include a conspicuously placed statement to this effect on the product's cover, the first page of the website, or elsewhere of comparable visibility. Further, Census Bureau trademarks, when used in reference to the nature of the product, should be accompanied by the ® (registered) symbol or ™ symbol, where convenient.

1.2 New Layers provided in this release This release includes the following updated layers:

• CD118 – A new Congressional District 118th session shapefiles at the state level.

• SLDL—A State Legislative District Lower chamber shapefile updated for the 2022 legislative year at the state level.

• SLDU—A State Legislative District Upper chamber shapefiles updated for the 2022 legislative year at the state level.

• UAC20—A new Urban Areas layer containing the updated areas delineated from 2020 tabulation blocks at the national level.

• TABBLOCK2020—An updated 2020 tabulation block layer containing updated fields pertaining to the new 2020 Urban Areas at the state level.

• FACES—Updated face layer containing updated CD118, SLDL, SLDU, and UACE20 values pertaining to the newly delineated entities for those layers at the county level.

Copyright © 1988, 2025, Oracle and/or its affiliates.

• Connecticut 2022 County Equivalents: A new county equivalent layer containing the 2022 Connecticut county equivalents.

1.3 Citation Information Copyright protection is not available for any work of the United States Government (Title 17 U.S.C., Section 105). Thus, you are free to reproduce census materials as you see fit. We would ask, however, that you cite the Census Bureau as the source.

1-2 1.4 Contact Information Members of the public can obtain the TIGER/Line Shapefiles free of charge through the Census Bureau’s website and should direct questions about these files to the Geospatial Products Branch, Geography Division, U.S. Census Bureau. If you obtain the TIGER/Line Shapefiles from a third party, we recommend you contact that vendor for assistance. Geospatial Products Branch Geography Division, U.S. Census Bureau 4600 Silver Hill Road Washington, DC 20233-7400 Office: (301) 763-1128 E-mail: geo.geography@census.gov

Trio License

Trio is a package with portable string functions. Including printf() clones and others.

Copyright (C) 1998-2001 by Bjorn Reese and Daniel Stenberg.

MIT License

Trio is intended to be an integral part of another application, so we have not done anything to create a proper installation.

Compile with 'make' (edit the Makefile if you want a release build)

Test the package with 'make test'

Install by copying trio.h, triop.h, and libtrio.a (and man/man?/* if you want documentation) to the appropriate directories.

Catch some usage examples in example.c

Send feedback and patches to the mailing list, subscription and other information is found here:

http://lists.sourceforge.net/lists/listinfo/ctrio-talk

Enjoy!

Trio web page

http://daniel.haxx.se/trio/

Unicode License

Copyright © <Year> Unicode, Inc.

Permission is hereby granted, free of charge, to any person obtaining a

copy of data files and any associated documentation (the "Data Files") or

 Copyright © 1988, 2025, Oracle and/or its affiliates.

software and any associated documentation (the "Software") to deal in the
Data Files or Software without restriction, including without limitation
the rights to use, copy, modify, merge, publish, distribute, and/or sell
copies of the Data Files or Software, and to permit persons to whom the
Data Files or Software are furnished to do so, provided that either (a)
this copyright and permission notice appear with all copies of the Data
Files or Software, or (b) this copyright and permission notice appear in
associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall
not be used in advertising or otherwise to promote the sale, use or other
dealings in these Data Files or Software without prior written
authorization of the copyright holder.

Unlicense License

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

Copyright © 1988, 2025, Oracle and/or its affiliates.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <https://unlicense.org/>

WSS4J Fourth-Party Licenses

4th party dependencies distributed by PeopleSoft for WSS4J:

#2. Xerces java (xerceslmpl-2.12.0.jar)

==========

== NOTICE file corresponding to section 4(d) of the Apache License, ==

== Version 2.0, in this case for the Apache Xerces Java distribution. ==

==========

Copyright 1999-2018 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Portions of this software were originally based on the following:

- software copyright (c) 1999, IBM Corporation., http://www.ibm.com.

- software copyright (c) 1999, Sun Microsystems., http://www.sun.com.

- voluntary contributions made by Paul Eng on behalf of the

Apache Software Foundation that were originally developed at iClick, Inc.,

software copyright (c) 1999.

License: Apache 2.0 License (see above for verbiage)

#3. slf4j (for slf4j-api-1.6.1.jar and slf4j-log4j12-1.6.1.jar) needed by opensaml

From LICENSE.slf4j

Copyright (c) 2004-2007 QOS.ch

 Copyright © 1988, 2025, Oracle and/or its affiliates.

All rights reserved.

MIT License

#4. santuario/xmlsec1.5.3 (Applicable to org.apache.santuario/xmlsec/1.5.3)

Copyright

Apache Santuario - XML Security for Java

Copyright 1999-2011 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

It was originally based on software copyright (c) 2001, Institute for

Data Communications Systems, <http://www.nue.et-inf.uni-siegen.de/>.

The development of this software was partly funded by the European

Commission in the <WebSig> project in the ISIS Programme.

License: Apache 2.0 License (see above for verbiage)

#5. Opensaml 2.5.1-1

Licensed to the University Corporation for Advanced Internet Development,

Inc. (UCAID) under one or more contributor license agreements. See the

NOTICE file distributed with this work for additional information regarding

copyright ownership. The UCAID licenses this file to You under the Apache

License, Version 2.0 (the "License"); you may not use this file except in

compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

License: Apache 2.0 License (see above for verbiage)

#6. Joda-time 1.6.2:

Copyright: Copyright © 2002-2008 Joda.org. All Rights Reserved.

License: Apache 2.0 License (see above for verbiage)

#7. bouncycastle (bcprov-jdk15on-160.jar)

From LICENSE.bouncycastle

Copyright (c) 2000 The Legion Of The Bouncy Castle (http://www.bouncycastle.org)

MIT License

#8. Xml-apis (xml-apis-1.4.0.1.jar - needed by opensaml)

From LICENSE.xml-apis

xml-apis is covered by The Apache Software License, Version 1.1

FIXME: Put license text in here once it is available at

http://cvs.apache.org/viewcvs.cgi/xml-commons/

==========

The Apache Software License, Version 1.1

Copyright (c) 2000 The Apache Software Foundation. All rights

reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in

the documentation and/or other materials provided with the

distribution.

3. The end-user documentation included with the redistribution,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

if any, must include the following acknowledgment:
"This product includes software developed by the
Apache Software Foundation (http://www.apache.org/)."
Alternately, this acknowledgment may appear in the software itself,
if and wherever such third-party acknowledgments normally appear.
4. The names "Apache" and "Apache Software Foundation" must
not be used to endorse or promote products derived from this
software without prior written permission. For written
permission, please contact apache@apache.org.
5. Products derived from this software may not be called "Apache",
nor may "Apache" appear in their name, without prior written
permission of the Apache Software Foundation.
THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR
ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.
==========

This software consists of voluntary contributions made by many
individuals on behalf of the Apache Software Foundation. For more
information on the Apache Software Foundation, please see
<http://www.apache.org/>.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Portions of this software are based upon public domain software
originally written at the National Center for Supercomputing Applications,
University of Illinois, Urbana-Champaign.

#9. openws (openws-1.4.2-1.jar - needed by opensaml)

Copyright 2008 University Corporation for Advanced Internet Development, Inc.
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
License: Apache 2.0 License (see above for verbiage)

#10. xmltooling (xmltooling-1.3.2-1.jar - needed by opensaml))

Licensed to the University Corporation for Advanced Internet Development,
Inc. (UCAID) under one or more contributor license agreements. See the
NOTICE file distributed with this work for additional information regarding
copyright ownership. The UCAID licenses this file to You under the Apache
License, Version 2.0 (the "License"); you may not use this file except in
compliance with the License. You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and

 Copyright © 1988, 2025, Oracle and/or its affiliates.

limitations under the License.

License: Apache 2.0 License (see above for verbiage)

#11. Log4J (log4j-1.2.17):

==========

The Apache Software License, Version 1.1

==========

Copyright (C) 1999 The Apache Software Foundation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment: "This product includes software developed by the Apache Software Foundation (http://www.apache.org/)." Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The names "log4j" and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.

5. Products derived from this software may not be called "Apache", nor may "Apache" appear in their name, without prior written permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND

FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software consists of voluntary contributions made by many individuals

on behalf of the Apache Software Foundation. For more information on the

Apache Software Foundation, please see <http://www.apache.org/>.

WTFPL

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE

Version 2, December 2004

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

Everyone is permitted to copy and distribute verbatim or modified copies of this license document, and changing it is allowed as long as the name is changed.

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. You just DO WHAT THE FUCK YOU WANT TO.

Xerces2 Java License

Top level license:

Apache License, Version 2.0

Top Level Notice:

==========

== NOTICE file corresponding to section 4(d) of the Apache License, ==

== Version 2.0, in this case for the Apache Xerces Java distribution. ==

 Copyright © 1988, 2025, Oracle and/or its affiliates.

==========

Apache Xerces Java

Copyright 1999-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Portions of this software were originally based on the following:

- software copyright (c) 1999, IBM Corporation., http://www.ibm.com.

- software copyright (c) 1999, Sun Microsystems., http://www.sun.com.

- voluntary contributions made by Paul Eng on behalf of the

Apache Software Foundation that were originally developed at iClick, Inc.,

software copyright (c) 1999.

XML Security for Java Fourth-Party Licenses, Version 4.0.2

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE

Apache License

Apache License, Version 2.0

---------- Separator ----------

./NOTICE

Apache Santuario - XML Security for Java

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

It was originally based on software copyright (c) 2001, Institute for

Data Communications Systems, <http://www.nue.et-inf.uni-siegen.de/>.

The development of this software was partly funded by the European

Commission in the <WebSig> project in the ISIS Programme.

This product contains software that is

copyright (c) 2021, 2023, Oracle and/or its affiliates.

---------- Separator ----------

Dependency: com.fasterxml.woodstox:woodstox-core

Copyright: FasterXML,LLC

License: Apache 2.0

./src/main/resources/META-INF/LICENSE

This copy of Jackson JSON processor databind module is licensed under the

Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the

specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

---------- Separator ----------

./LICENSE

Apache 2.0 (same as in org.apache.santuario:xmlsec)

---------- Separator ----------

Dependency: commons-codec:commons-codec

Copyright: The Apache Software Foundation

License: Apache 2.0

./LICENSE.txt

Apache 2.0 (same as in org.apache.santuario:xmlsec)

---------- Separator ----------

./NOTICE.txt

Apache Commons Codec

Copyright 2002-2024 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

---------- Separator ----------

Dependency: org.codehaus.woodstox:stax2-api

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright: FasterXML,LLC

License: BSD 2-Clause

https://opensource.org/licenses/bsd-license.php

Copyright <YEAR> <COPYRIGHT HOLDER>

BSD 2-Clause License

---------- Separator ----------

./src/main/resources/META-INF/LICENSE

This copy of Stax2 API is licensed under the

Simplified BSD License (also known as "2-clause BSD", or "FreeBSD License")

See the License for details about distribution rights, and the

specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.opensource.org/licenses/bsd-license.php

with details of:

<COPYRIGHT HOLDER> = FasterXML.com

<YEAR> = 2010-

---------- Separator ----------

Zlib Data Compression Library License

Copyright (c) <year> <copyright holders>

This software is provided 'as-is', without any express or implied

warranty. In no event will the authors be held liable for any damages

arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,

including commercial applications, and to alter it and redistribute it

freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not

claim that you wrote the original software. If you use this software

in a product, an acknowledgment in the product documentation would be

appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly Mark Adler

jloup@gzip.org madler@alumni.caltech.edu

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Chapter 5

Licensing Information for Other Oracle Products

Oracle Free Distribution, Hosting, and Use Terms and Conditions License

==========

https://www.oracle.com/downloads/licenses/oracle-free-license.html

==========

Your use of this Program is governed by the Oracle Free Distribution, Hosting, and Use Terms and Conditions set forth below, unless you have received this Program (alone or as part of another Oracle product) under an Oracle license agreement (including but not limited to the Oracle Master Agreement), in which case your use of this Program is governed solely by such license agreement with Oracle.

Oracle Free Distribution, Hosting, and Use Terms and Conditions

Definitions

"Oracle" refers to Oracle America, Inc. "You" and "Your" refers to (a) a company or organization (each an "Entity") accessing the Programs, if use of the Programs will be on behalf of such Entity; or (b) an individual accessing the Programs, if use of the Programs will not be on behalf of an Entity. "Program(s)" refers to Oracle software provided by Oracle pursuant to the following terms and any updates, error corrections, and/or Program Documentation provided by Oracle. "Program Documentation" refers to Program user manuals and Program installation manuals, if any. If available, Program Documentation may be delivered with the Programs and/or may be accessed from www.oracle.com/documentation. "Separate Terms" refers to separate license terms that are specified in the Program Documentation, readmes or notice files and that apply to Separately Licensed Technology. "Separately Licensed Technology" refers to Oracle or third party technology that is licensed under Separate Terms and not under the terms of this license.

Separately Licensed Technology

Oracle may provide certain notices to You in Program Documentation, readmes or notice files in connection with Oracle or third party technology provided as or with the Programs. If specified in the Program Documentation, readmes or notice files, such technology will be licensed to You under Separate Terms. Your rights to use Separately Licensed Technology under Separate Terms are not restricted in any way by the terms herein. For clarity, notwithstanding the existence of a notice, third party technology that is not Separately Licensed Technology shall be deemed part of the Programs licensed to You under the terms of this license.

Source Code for Open Source Software

Copyright © 1988, 2025, Oracle and/or its affiliates.

For software that You receive from Oracle in binary form that is licensed under an open source license that gives You the right to receive the source code for that binary, You can obtain a copy of the applicable source code from https://oss.oracle.com/sources/ or http://www.oracle.com/goto/opensourcecode. If the source code for such software was not provided to You with the binary, You can also receive a copy of the source code on physical media by submitting a written request pursuant to the instructions in the "Written Offer for Source Code" section of the latter website.

The following license terms apply to those Programs that are not provided to You under Separate Terms.

License Rights and Restrictions

Oracle grants to You, as a recipient of this Program, a nonexclusive, nontransferable, limited license to, subject to the conditions stated herein, use the unmodified Programs, including, without limitation, for the purposes of:

• developing, testing, prototyping and demonstrating applications;

• running the unmodified Programs for training, personal use, your business operations, and the business operations of third parties;

• making the unmodified Programs available for use by third parties in your hosted environment and in cloud services;

• redistributing unmodified Programs and Programs Documentation under the terms of this License; and

• copying the unmodified Programs and Program Documentation to the extent reasonably necessary to exercise the license rights granted herein and for backup purposes.

For the purposes of this license, compiling, interpreting or configuring an otherwise unmodified Program as necessary to run the Program shall not be considered modification.

Your license is contingent on Your compliance with the following conditions:

- You include a copy of this license with any distribution by You of the Programs;

- You do not charge your customers, end users, distributees or other third parties any additional fees for the distribution or use of the Programs; however, for clarity, if you comply with the foregoing condition, distribution or use of the Program as part of your for-fee product or service that adds substantial additional value is permitted;

- You do not remove markings or notices of either Oracle's or a licensor's proprietary rights from the Programs or Program Documentation;

- You comply with all U.S. and applicable export control and economic sanctions laws and regulations that govern Your use of the Programs (including technical data); and

- You do not cause or permit reverse engineering, disassembly or decompilation of the Programs (except as allowed by law) by You nor allow an associated party to do so.

Any source code that may be included in the distribution with the Programs may not be modified, unless such source code is under Separate Terms permitting modification.

Ownership

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Oracle or its licensors retain all ownership and intellectual property rights to the Programs.

Information Collection

The Programs' installation and/or auto-update processes, if any, may transmit a limited amount of data to Oracle or its service provider about those processes to help Oracle understand and optimize them. Oracle does not associate the data with personally identifiable information. Refer to Oracle's Privacy Policy at www.oracle.com/privacy.

Disclaimer of Warranties; Limitation of Liability

THE PROGRAMS ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. ORACLE FURTHER DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW WILL ORACLE BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Version 1.0

Last updated: 28 June 2022

Oracle Outside In Technology (OIT) Third-Party Notices and/or Licenses

Oracle Outside In Technology Prerequisites, Entitled Products, and Restricted Use Licenses

Product	***Subproduct***	***Licensing Information***
Outside In Software Developer Kits	Outside In ActiveX Viewer and Outside In Viewer	*Product Editions and Permitted Features* Oracle Outside In Viewer is an embeddable SDK that renders high-fidelity views of files and allows printing, copy/paste and annotations. *Prerequisite Products* None *Entitled Products and Restricted Use Licenses* None

Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	*Subproduct*	*Licensing Information*
Outside In Software Developer Kits	Outside In Web View Export	*Product Editions and Permitted Features* Oracle Outside In Web View Export is an embeddable SDK that converts files into high-fidelity HTML5 renditions. A Javascript API allows the output to be interactive and customizable. *Prerequisite Products* None *Entitled Products and Restricted Use Licenses* None
Outside In Software Developer Kits	Outside In Image Export	*Product Editions and Permitted Features* Oracle Outside In Image Export is an embeddable SDK that converts files into TIFF, JPEG, JPEG2000, BMP, GIF or PNG images. *Prerequisite Products* None *Entitled Products and Restricted Use Licenses* None
Outside In Software Developer Kits	Outside In PDF Export	*Product Editions and Permitted Features* Oracle Outside In PDF Export is an embeddable SDK that converts files into PDF without native applications or third party libraries. *Prerequisite Products* None *Entitled Products and Restricted Use Licenses* None

Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	***Subproduct***	***Licensing Information***
Outside In Software Developer Kits	Outside In HTML Export	*Product Editions and Permitted Features* Oracle Outside In HTML Export is an embeddable SDK that converts files into HTML rendering embedded graphics as a GIF, JPEG, or PNG. *Prerequisite Products* None *Entitled Products and Restricted Use Licenses* None
Outside In Software Developer Kits	Outside In XML Export	*Product Editions and Permitted Features* Oracle Outside In XML Export is an embeddable SDK that converts and normalizes files into XML that defines properties, content and structure. *Prerequisite Products* None *Entitled Products and Restricted Use Licenses* None
Outside In Software Developer Kits	Outside In Content Access	*Product Editions and Permitted Features* Oracle Outside In Content Access is an embeddable SDK that extracts text and metadata. *Prerequisite Products* None *Entitled Products and Restricted Use Licenses* None

Copyright © 1988, 2025, Oracle and/or its affiliates.

Product	*Subproduct*	*Licensing Information*
Outside In Software Developer Kits	Outside In Search Export	*Product Editions and Permitted Features* Oracle Outside In Search Export is an embeddable SDK that extracts text and metadata and converts it into one of four formats designed specifically for search. *Prerequisite Products* None *Entitled Products and Restricted Use Licenses* None
Outside In Software Developer Kits	Outside In File ID	*Product Editions and Permitted Features* Oracle Outside In File ID is an embeddable SDK that ID quickly and accurately identifies file types. *Prerequisite Products* None *Entitled Products and Restricted Use Licenses* None
Outside In Software Developer Kits	Outside In Clean Content	*Product Editions and Permitted Features* Oracle Outside In Clean Content is an embeddable SDK that extracts and scrubs text, metadata and hidden information from Word, Excel, PowerPoint and PDF. *Prerequisite Products* None *Entitled Products and Restricted Use Licenses* None

Open Source Software Included with Oracle Outside In Technology

Required notices for open source software products or components distributed with the products are identified in the following table along with the applicable licensing information.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Alexander Roshal	UnRAR	UnRAR - free utility for RAR archives License for use and distribution of FREE portable version The source code of UnRAR utility is freeware. This means: 1. All copyrights to RAR and the utility UnRAR are exclusively owned by the author - Alexander Roshal. 2. UnRAR source code may be used in any software to handle RAR archives without limitations free of charge, but cannot be used to develop RAR (WinRAR) compatible archiver and to re-create RAR compression algorithm, which is proprietary. Distribution of modified UnRAR source code in separate form or as a part of other software is permitted, provided that full text of this paragraph, starting from "UnRAR source code" words, is included in license, or in documentation if license is not available, and in source code comments of resulting package. 3. The UnRAR utility may be freely distributed. It is allowed to distribute UnRAR inside of other software packages. 4. THE RAR ARCHIVER AND THE UnRAR UTILITY ARE DISTRIBUTED "AS IS". NO WARRANTY OF ANY KIND IS EXPRESSED OR IMPLIED. YOU USE AT YOUR OWN RISK. THE AUTHOR WILL NOT BE LIABLE FOR DATA LOSS,

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		DAMAGES, LOSS OF PROFITS OR ANY OTHER KIND OF LOSS WHILE USING OR MISUSING THIS SOFTWARE. 5. Installing and using the UnRAR utility signifies acceptance of these terms and conditions of the license. 6. If you don't agree with terms of the license you must remove UnRAR files from your storage devices and cease to use the utility.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	PDFBox	Apache License, Version 2.0 ---------- PdfBox License: EXTERNAL COMPONENTS Apache PDFBox includes a number of components with separate copyright notices and license terms. Your use of these components is subject to the terms and conditions of the following licenses. Contributions made to the original PDFBox and FontBox projects: Copyright (c) 2002-2007, www.pdfbox.org All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. Neither the name of pdfbox; nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	Component	Licensing Information
		IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Adobe Font Metrics (AFM) for PDF Core 14 Fonts This file and the 14 PostScript(R) AFM files it accompanies may be used, copied, and distributed for any purpose and without charge, with or without modification, provided that all copyright notices are retained; that the AFM files are not distributed without this file; that all modifications to this file or any of the AFM files are prominently noted in the modified file(s); and that this paragraph is not modified. Adobe Systems has no responsibility or obligation to support the use of the AFM files. CMaps for PDF Fonts (http://opensource.adobe.com/wiki/display

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		/cmap/Downloads) Copyright 1990-2009 Adobe Systems Incorporated. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. Neither the name of Adobe Systems Incorporated nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. PaDaF PDF/A preflight (http://sourceforge.net/projects/padaf) Copyright 2010 Atos Worldline SAS Licensed by Atos Worldline SAS under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. Atos Worldline SAS licenses this file to You under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		See the License for the specific language governing permissions and limitations under the License. OSXAdapter Version: 2.0 Disclaimer: IMPORTANT: This Apple software is supplied to you by Apple Inc. ("Apple") in consideration of your agreement to the following terms, and your use, installation, modification or redistribution of this Apple software constitutes acceptance of these terms. If you do not agree with these terms, please do not use, install, modify or redistribute this Apple software. In consideration of your agreement to abide by the following terms, and subject to these terms, Apple grants you a personal, non-exclusive license, under Apple's copyrights in this original Apple software (the "Apple Software"), to use, reproduce, modify and redistribute the Apple Software, with or without modifications, in source and/or binary forms; provided that if you redistribute the Apple Software in its entirety and without modifications, you must retain this notice and the following text and disclaimers in all such redistributions of the Apple Software. Neither the name, trademarks, service marks or logos of Apple Inc. may be used to endorse or promote products derived from the Apple Software without specific prior written permission from Apple. Except

Provider	*Component*	*Licensing Information*
		as expressly stated in this notice, no other rights or licenses, express or implied, are granted by Apple herein, including but not limited to any patent rights that may be infringed by your derivative works or by other works in which the Apple Software may be incorporated. The Apple Software is provided by Apple on an "AS IS" basis. APPLE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, REGARDING THE APPLE SOFTWARE OR ITS USE AND OPERATION ALONE OR IN COMBINATION WITH YOUR PRODUCTS. IN NO EVENT SHALL APPLE BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) ARISING IN ANY WAY OUT OF THE USE, REPRODUCTION, MODIFICATION AND/OR DISTRIBUTION OF THE APPLE SOFTWARE, HOWEVER CAUSED AND WHETHER UNDER THEORY OF CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF APPLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		Copyright (C) 2003-2007 Apple, Inc., All Rights Reserved PdfBox Notice: Based on source code contributed to the original PDFBox project. Copyright (c) 2002-2007, www.pdfbox.org Includes the Adobe Glyph List Copyright 1997, 1998, 2002, 2007, 2010 Adobe Systems Incorporated. Includes the Zapf Dingbats Glyph List Copyright 2002, 2010 Adobe Systems Incorporated. Includes the Bidi Mirroring Glyph Property (BidiMirroring-8.0.0.txt) Copyright 1991-2015 Unicode, Inc. Includes parts of TwelveMonkeys ImageIO Copyright 2008-2016 Harald Kuhr Includes the CMYK ICC-profile (CGATS001Compat-v2-micro.icc) https://github.com/saucecontrol/Compact-ICC-Profiles Released to the public domain under the Creative Commons CC0 license by Clinton Ingram, saucecontrol --- FontBox License: CONTRIBUTIONS TO THE ORIGINAL CODEBASE Apache FontBox is based on contributions made to the original FontBox project: Copyright (c) 2006-2007, www.fontbox.org All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Provider	*Component*	*Licensing Information*
		1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. Neither the name of fontbox; nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Lohit-Bengali, Lohit-Devangari, Lohit-Gujarati fonts (https://pagure.io/lohit): Copyright 2011-15 Lohit Fonts Project contributors This Font Software is licensed under the SIL Open Font License, Version 1.1. This license is copied below, and is also available with a FAQ at: http://scripts.sil.org/OFL ---------- SIL OPEN FONT LICENSE Version 1.1 - 26 February 2007 ---------- SIL Open Font License FontBox Notice: Based on source code contributed to the original FontBox project. Copyright (c) 2006-2007, www.fontbox.org Includes the Script Property (Scripts-10.0.0.txt) Copyright 2017 Unicode, Inc. ---------separator--------- FOURTH-PARTY DEPENDENCY #1 NAME: Commons Logging FOURTH-PARTY DEPENDENCY #1 COPYRIGHT NOTICES: Apache Commons Logging Copyright 2001-2024 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (https://www.apache.org/).

Provider	*Component*	*Licensing Information*
		FOURTH-PARTY DEPENDENCY #1 LICENSE: Apache 2.0 FOURTH-PARTY DEPENDENCY #2 NAME: PDFBox IO FOURTH-PARTY DEPENDENCY #2 COPYRIGHT NOTICES: Apache PDFBox IO Copyright 2003-2014 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). FOURTH-PARTY DEPENDENCY #2 LICENSE: Apache 2.0 FOURTH-PARTY DEPENDENCY #3 NAME: FontBox FOURTH-PARTY DEPENDENCY #3 COPYRIGHT NOTICES: Apache FontBox Based on source code contributed to the original FontBox project. Copyright (c) 2006-2007, www.fontbox.org Includes the Script Property (Scripts-10.0.0.txt) Copyright 2017 Unicode, Inc. FOURTH-PARTY DEPENDENCY #3 LICENSE: Apache 2.0
Expat Maintainers	Expat XML Parser	Copyright (c) 1998-2000 Thai Open Source Software Center Ltd and Clark Cooper Copyright (c) 2001-2024 Expat maintainers MIT License

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	***Component***	***Licensing Information***
Google	Google Protocol Buffer	Protocol Buffers - Google's data interchange format Copyright 2008 Google Inc. All rights reserved. https://developers.google.com/protocol-buffers/ BSD 3-Clause License (With Google Inc Reference)

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Google	Snappy Compression	Copyright 2011, Google Inc. BSD 3-Clause License (With Google Inc Reference) === Some of the benchmark data in testdata/ is licensed differently: - fireworks.jpeg is Copyright 2013 Steinar H. Gunderson, and is licensed under the Creative Commons Attribution 3.0 license (CC-BY-3.0). See https://creativecommons.org/licenses/by/3.0/ for more information. - kppkn.gtb is taken from the Gaviota chess tablebase set, and is licensed under the MIT License. See https://sites.google.com/site/gaviotachessengine/Home/endgame-tablebases-1 for more information. - paper-100k.pdf is an excerpt (bytes 92160 to 194560) from the paper “Combinatorial Modeling of Chromatin Features Quantitatively Predicts DNA Replication Timing in _Drosophila_” by Federico Comoglio and Renato Paro, which is licensed under the CC-BY license. See http://www.ploscompbiol.org/static/license for more ifnormation. - alice29.txt, asyoulik.txt, plrabn12.txt and lcet10.txt are from Project Gutenberg. The first three have expired copyrights and are in the public domain; the latter does not have expired copyright, but is still in the public domain according to the license information (http://www.gutenberg.org/ebooks/53).

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Jean-loup Gailly and Mark Adler	Zlib Data Compression	Copyright notice: (C) 1995-2024 Jean-loup Gailly and Mark Adler Zlib Data Compression Library License

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Freetype.org	Freetype	The FreeType Project LICENSE The FreeType Project License GNU GENERAL PUBLIC LICENSE GNU General Public License, Version 2 ### Additional Freetype Attributions ``` ---------- The below license applies to the following files: libfreetype/src/psaux/psarrst.c libfreetype/src/psaux/psarrst.h libfreetype/src/psaux/psblues.c libfreetype/src/psaux/psblues.h libfreetype/src/psaux/pserror.c libfreetype/src/psaux/pserror.h libfreetype/src/psaux/psfixed.h libfreetype/src/psaux/psfont.c libfreetype/src/psaux/psfont.h libfreetype/src/psaux/psft.c libfreetype/src/psaux/psft.h libfreetype/src/psaux/psglue.h libfreetype/src/psaux/pshints.c libfreetype/src/psaux/pshints.h libfreetype/src/psaux/psintrp.c libfreetype/src/psaux/psintrp.h libfreetype/src/psaux/psread.c libfreetype/src/psaux/psread.h libfreetype/src/psaux/psstack.c libfreetype/src/psaux/psstack.h libfreetype/src/psaux/pstypes.h Copyright 2006-2014 Adobe Systems Incorporated.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		This software, and all works of authorship, whether in source or object code form as indicated by the copyright notice(s) included herein (collectively, the "Work") is made available, and may only be used, modified, and distributed under the FreeType Project License, LICENSE.TXT. Additionally, subject to the terms and conditions of the FreeType Project License, each contributor to the Work hereby grants to any individual or legal entity exercising permissions granted by the FreeType Project License and this section (hereafter, "You" or "Your") a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such contributor that are necessarily infringed by their contribution(s) alone or by combination of their contribution(s) with the Work to which such contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		By using, modifying, or distributing the Work you indicate that you have read and understood the terms and conditions of the FreeType Project License as well as those provided in this section, and you accept them fully. ``` ### MIT License ``` --- The below license applies to the following files: libfreetype/include/freetype/internal/fthash.h libfreetype/src/base/fthash.c Copyright 2000 Computing Research Labs, New Mexico State University Copyright 2001-2015 Francesco Zappa Nardelli MIT License
Igor Pavlov	LZMA SDK	Copyright (c) 1999-2018 Igor Pavlov LZMA SDK is placed in the public domain.Anyone is free to copy, modify, publish, use, compile, sell, or distribute the original LZMA SDK code, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.
OpenJeg Software maintainer	OpenJpeg	For a copy of the licenses used by OpenJpeg, see OpenJpeg Licenses.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache Santuario	XML Security for Java	Copyright: The Apache Software Foundation === Source URL: https://dlcdn.apache.org/santuario/java-library/3_0_5/xmlsec-3.0.5-source-release.zip License: Apache 2.0 ./LICENSE Apache License, Version 2.0 --- ./NOTICE Apache Santuario - XML Security for Java Copyright 1999-2024 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). It was originally based on software copyright (c) 2001, Institute for Data Communications Systems, http://www.nue.et-inf.uni-siegen.de/. The development of this software was partly funded by the European Commission in the <WebSig> project in the ISIS Programme. This product contains software that is copyright (c) 2021, 2023, Oracle and/or its affiliates. --- 4th party as listed in the DEPENDENCIES file From: 'Eclipse Foundation' (https://www.eclipse.org) - Jakarta XML Binding API (=== Source URL:https://github.com/jakartaee/jaxb-api/tree/3.0.1) jakarta.xml.bind:jakarta.xml.bind-api:jar:3.0.1

Provider	*Component*	*Licensing Information*
		License: Eclipse Distribution License - v 1.0 (http://www.eclipse.org/org/documents/edl-v10.php) ./LICENSE.md Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: - Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. - Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. - Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. ---------- ./NOTICE.md Notices for Jakarta XML Binding This content is produced and maintained by the Jakarta XML Binding project. Project home: https://projects.eclipse.org/projects/ee4j.jaxb Trademarks Jakarta XML Binding is a trademark of the Eclipse Foundation. Copyright All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs. Declared Project Licenses This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at http://www.eclipse.org/org/documents/edl-v10.php. SPDX-License-Identifier: BSD-3-Clause Source Code

Provider	*Component*	*Licensing Information*
		The project maintains the following source code repositories: https://github.com/eclipse-ee4j/jaxb-api https://github.com/eclipse-ee4j/jaxb-tck Third-party Content This project leverages the following third party content. Apache River (3.0.0) License: Apache-2.0 AND BSD-3-Clause ASM 7 (n/a) License: BSD-3-Clause Project: https://asm.ow2.io/ Source: https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~~~~kw,versionexpand JTHarness (5.0) License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0) Project: https://wiki.openjdk.java.net/display/CodeTools/JT+Harness Source: http://hg.openjdk.java.net/code-tools/jtharness/ normalize.css (3.0.2) License: MIT SigTest (n/a) License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0 Cryptography Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		---------- 5th Dependency: com.sun.activation:jakarta.activation (Source URL: https://github.com/jakartaee/jaf-api/tree/2.0.1) Copyright: Eclipse Foundation ./LICENSE.md Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: - Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. - Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. - Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR

Provider	*Component*	*Licensing Information*
		CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. --- ./NOTICE.md Notices for Jakarta Activation This content is produced and maintained by Jakarta Activation project. Project home: https://projects.eclipse.org/projects/ee4j.jaf Copyright All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs. Declared Project Licenses This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0, which is available at http://www.eclipse.org/org/documents/edl-v10.php. SPDX-License-Identifier: BSD-3-Clause Source Code

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		The project maintains the following source code repositories: https://github.com/eclipse-ee4j/jaf ---------- From: 'FasterXML' (http://fasterxml.com) - Woodstox (https://github.com/FasterXML/woodstox/tree/woodstox-core-6.5.1) com.fasterxml.woodstox:woodstox-core:bundle:6.5.1 License: The Apache License, Version 2.0 (http://www.apache.org/licenses/LICENSE-2.0.txt) ./LICENSE Apache 2.0 (same as org.apache.santuario:xmlsec) ---------- From: 'fasterxml.com' (http://fasterxml.com) - Stax2 API (https://github.com/FasterXML/stax2-api/tree/stax2-api-4.2.1) org.codehaus.woodstox:stax2-api:bundle:4.2.1 License: The BSD License (http://www.opensource.org/licenses/bsd-license.php) ./src/main/resources/META-INF/LICENSE This copy of Stax2 API is licensed under the Simplified BSD License (also known as "2-clause BSD", or "FreeBSD License") See the License for details about distribution rights, and the specific rights regarding derivate works. You may obtain a copy of the License at: http://www.opensource.org/licenses/bsd-license.php with details of: <COPYRIGHT HOLDER> = FasterXML.com

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		<YEAR> = 2010- ---------- From: 'QOS.ch' (http://www.qos.ch) - SLF4J API Module (https://github.com/qos-ch/slf4j/tree/v_1.7.36/slf4j-api) org.slf4j:slf4j-api:jar:1.7.36 License: MIT License (http://www.opensource.org/licenses/mit-license.php) ./slf4j/slf4j-api/LICENSE.txt Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland) All rights reserved. MIT License ---------- From: 'The Apache Software Foundation' (https://www.apache.org/) - Apache Commons Codec (https://github.com/apache/commons-codec/tree/rel/commons-codec-1.15) commons-codec:commons-codec:jar:1.15 License: Apache License, Version 2.0 (https://www.apache.org/licenses/LICENSE-2.0.txt) ./LICENSE.txt Apache 2.0 (same as org.apache.santuario:xmlsec) ---------- ./NOTICE.txt Apache Commons Codec Copyright 2002-2020 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (https://www.apache.org/). src/test/org/apache/commons/codec /language/DoubleMetaphoneTest.java contains test data from http://aspell.net/test/orig/batch0.tab.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org) ========== The content of package org.apache.commons.codec.language.bm has been translated from the original php source code available at http://stevemorse.org/phoneticinfo.htm with permission from the original authors. Original source copyright: Copyright (c) 2008 Alexander Beider & Stephen P. Morse.
Struktur AG	High Efficiency Video Decoding (libde265)	* The library `libheif` is distributed under the terms of the GNU Lesser General Public License. * The sample applications are distributed under the terms of the MIT License. License texts below and in the `COPYING` files of the corresponding subfolders. GNU Lesser General Public License, Version 3 GNU General Public License, Version 3 ---------- MIT License MIT License

Provider	*Component*	*Licensing Information*
Struktur AG	HEIF and AVIF (AV1 Image File Format)	* The library `libheif` is distributed under the terms of the GNU Lesser General Public License. * The sample applications are distributed under the terms of the MIT License. License texts below and in the `COPYING` files of the corresponding subfolders. GNU Lesser General Public License, Version 3 GNU General Public License, Version 3 ---------- MIT License MIT License
Red Hat, Inc.	Liberation fonts	Digitized data copyright (c) 2010 Google Corporation with Reserved Font Arimo, Tinos and Cousine. Copyright (c) 2012 Red Hat, Inc. with Reserved Font Name Liberation. SIL Open Font License

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*

ODA Inc	Open Design Libraries	// Copyright (C) 2002-2024, Open Design Alliance (the “Alliance”).
		
		// All rights reserved.
		
		//
		
		// This software and its documentation and related materials are owned by
		
		// the Alliance. The software may only be incorporated into application
		
		// programs owned by members of the Alliance, subject to a signed
		
		// Membership Agreement and Supplemental Software License Agreement with the
		
		// Alliance. The structure and organization of this software are the valuable
		
		// trade secrets of the Alliance and its suppliers. The software is also
		
		// protected by copyright law and international treaty provisions. Application
		
		// programs incorporating this software must include the following statement
		
		// with their copyright notices:
		
		//
		
		// This application incorporates Open Design Alliance software pursuant to a license
		
		// agreement with Open Design Alliance.
		
		// Open Design Alliance Copyright (C) 2002-2024 by Open Design Alliance.
		
		// All rights reserved.
		
		//
		
		// By use of this software, its documentation or related materials, you
		
		// acknowledge and accept the above terms.

Google	libwebp	For a copy of the licenses used by libwebp, see libwebp Licenses.

Provider	*Component*	*Licensing Information*
slf4j-api		Copyright (c) 2004-2023 QOS.ch All rights reserved. For a copy of the license, see MIT License.
slf4j-simple		Copyright (c) 2004-2023 QOS.ch All rights reserved. For a copy of the license, see MIT License.

Oracle Tuxedo Third-Party Notices and/or Licenses

Oracle Tuxedo Prerequisites, Entitled Products, and Restricted Use Licenses

Oracle Tuxedo provides the foundation for the Oracle Tuxedo product family. Oracle Tuxedo includes the following components:

- Oracle Tuxedo Server
- Oracle Tuxedo Standalone Clients

Add-on Products for Oracle Tuxedo

The Oracle Tuxedo product family consists of the following add-on products. Some of these products are included in the Oracle Tuxedo installer, however, a license to Oracle Tuxedo does not include a license to these add-on products. A license to Oracle Tuxedo is a prerequisite to license and use each add-on product.

Tuxedo Server Components

Oracle Tuxedo Jolt provides Java-based client API to access the Oracle Tuxedo application services extending functionality of existing Oracle Tuxedo applications to Intranet- and Internet-wide availability. The Jolt client API can be used in standalone mode or from within an application server, such as Oracle WebLogic server.

Oracle Tuxedo Jolt consists of two components: Oracle Tuxedo Jolt server and Oracle Tuxedo Jolt client. Oracle Tuxedo Jolt must be separately licensed for each computer where the Oracle Tuxedo Jolt server component is installed. A license to Oracle Tuxedo Jolt includes the Tuxedo Jolt client software.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Oracle Services Architecture Leveraging Tuxedo (SALT)

Oracle SALT enables access to Oracle Tuxedo services as web services as well as enables Oracle Tuxedo applications to access Web services hosted outside of the Oracle Tuxedo domain.

Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus)

Oracle TSAM monitors and manages system servers, application servers, and application transactions. A license to Oracle TSAM Plus is required for each computer that you want to monitor and manage using Oracle TSAM Plus. A license to Oracle TSAM Plus entitles you to run one or more instances of TSAM Plus Manager component on the computer.

A license to Oracle TSAM Plus includes a license to the plugin for Oracle Enterprise Manager Cloud Control (OEM CC) 12c to manage one Oracle Tuxedo node.

Restricted use: A license to Oracle TSAM Plus includes a restricted use license to Oracle WebLogic Server Standard Edition. Use of Oracle WebLogic Server Standard Edition is restricted to running the Oracle Tuxedo System and Applications Monitor Plus Web Console.

Open Source Software Included with Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus)

Required notices for open source software products or components distributed with the products are identified in the following table along with the applicable licensing information. Additional notices and/or licenses may be found in the included documentation or readme files of the individual third party software.

Provider	***Component***	***Licensing Information***
Apache	Apache Derby 10.8.2.2	For a copy of the license, see Apache License, Version 2.0.
Apache	Commons CLI 1.2	For a copy of the license, see Apache License, Version 2.0.
Apache	Commons Logging 1.0.4	For a copy of the license, see Apache License, Version 2.0.
Apache	Log4J 1.2.15	Apache log4j Copyright © 2007 The Apache Software Foundation For a copy of the license, see Apache License, Version 2.0.
Apache	OpenJPA 1.2.3	For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Atsuhiko Yamanaka, JCraft, Inc.	Java Secure Channel (JSCH) for SSH2 0.1.41	JSch 0.0.* was released under the GNU LGPL license. Later, we have switched over to a BSD-style license. Copyright © 2002, 2003, 2004, 2005, 2006, 2007 Atsuhiko Yamanaka, JCraft, Inc. All rights reserved. THIS SOFTWARE IS PROVIDED "AS IS", AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JCRAFT, INC. OR ANY CONTRIBUTORS TO THIS SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
MetaStuff, Ltd.	dom4j 1.6.1	For a copy of the license, see dom4j License.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
SpringSource	Spring Framework 3.2.6	Spring Framework 3.2.0. RELEASE Copyright © 2002–2012 SpringSource, a division of VMware, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. For a copy of the license, see Apache License, Version 2.0.

Oracle Tuxedo Advanced Performance Pack

Oracle Tuxedo Advanced Performance Pack consists of following features:

- Routing of all Oracle Database (Database) requests from a global transaction to same Oracle Real Application Cluster (RAC) instance using XA affinity and common XID
- Automatic, real time load balancing across available RAC, Database nodes
- Auto failover/failback across RAC and Database nodes
- Auto SPINCOUNT tuning
- Shared memory queues
- Efficient Transaction Table Locking

The number of licenses to Oracle Tuxedo Advanced Performance Management Pack must match the number of licenses to Oracle Tuxedo.

Independent Products

The following products in the Oracle Tuxedo product family are separately licensed without any dependency on any other products.

- Oracle Tuxedo Application Rehosting Workbench

  Oracle Tuxedo Application Rehosting Workbench is used for mainframe application rehosting.

- Oracle Tuxedo Message Queue

Copyright © 1988, 2025, Oracle and/or its affiliates.

Oracle Tuxedo Message Queue is an enterprise messaging product. Oracle Tuxedo Message Queue must be licensed for each node it is installed on.

Open Source Software Included with Oracle Tuxedo

Required notices for open source software products or components distributed with the products are identified in the following table along with the applicable licensing information. Additional notices and/or licenses may be found in the included documentation or readme files of the individual third party software.

Provider	***Component***	***Licensing Information***
Apache	Ant 1.7, 1.6.2	For a copy of the license, see Apache License, Version 2.0.
Apache	Tomcat 7.0.42	For a copy of the license, see Apache License, Version 2.0.
Simple Network Management Protocol	Net-SNMP 5.7.2	For a copy of the license, see Net-SNMP License.
Microsoft	MICROSOFT PLATFORM SOFTWARE DEVELOPMENT KIT all	-
Microsoft	Microsoft Visual Studio 2015 Redistributables	-

Net-SNMP License

Various copyrights apply to this package, listed in various separate parts below. Please make sure that you read all the parts.

Part 1: CMU/UCD copyright notice (BSD like)

Copyright © 1989, 1991, 1992 by Carnegie Mellon University

Derivative Work - 1996, 1998–2000

Copyright © 1996, 1998–2000 The Regents of the University of California.

All Rights Reserved

Permission to use, copy, modify and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appears in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of CMU and The Regents of the University of California not be used in advertising or publicity pertaining to distribution of the software without specific written permission.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

CMU AND THE REGENTS OF THE UNIVERSITY OF CALIFORNIA DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL CMU OR THE REGENTS OF THE UNIVERSITY OF CALIFORNIA BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM THE LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Part 2: Networks Associates Technology, Inc., copyright notice (BSD)

Copyright © 2001–2003, Networks Associates Technology, Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the Networks Associates Technology, Inc., nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS “AS IS”, AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Part 3: Cambridge Broadband Ltd., copyright notice (BSD)

Portions of this code are copyright © 2001–2003, Cambridge Broadband Ltd.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of Cambridge Broadband Ltd., nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER “AS IS”, AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Part 4: Sparta, Inc copyright notice (BSD)

Copyright © 2003–2011, Sparta, Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of Sparta, Inc., nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS “AS IS”, AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Part 5: Cisco/BUPTNIC copyright notice (BSD)

Copyright © 2004, Cisco, Inc., and Information Network Center of Beijing University of Posts and Telecommunications.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

 Copyright © 1988, 2025, Oracle and/or its affiliates.

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the names of Cisco, Inc., Beijing University of Posts and Telecommunications, nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS “AS IS”, AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Part 6: Fabasoft R&D Software GmbH & Co KG copyright notice (BSD)

Copyright © Fabasoft R&D Software GmbH & Co KG, 2003

oss@fabasoft.com

Author: Bernhard Penz <bernhard.penz@fabasoft.com

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the names of Fabasoft R&D Software GmbH & Co KG or any of its subsidiaries, brand or product names, nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER “AS IS”, AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Part 7: Apple Inc., copyright notice (BSD)

Copyright © 2007 Apple Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of Apple Inc. ("Apple") nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY APPLE AND ITS CONTRIBUTORS "AS IS”, AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL APPLE OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Part 8: ScienceLogic, LLC copyright notice (BSD)

Copyright © 2009, ScienceLogic, LLC

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of ScienceLogic, LLC nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS “AS IS”, AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR

 Copyright © 1988, 2025, Oracle and/or its affiliates.

CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE

Oracle Tuxedo Optimizations for Exalogic Elastic Cloud Software

The following sections describe the following Oracle Tuxedo optimizations for Oracle Exalogic Elastic Cloud Software:

- Oracle Tuxedo Optimization for Inter-node Communication

  Oracle Exalogic Elastic Cloud Software can be configured with Oracle Tuxedo to provide inter-node communication within an Oracle Tuxedo domain.

- Socket Direct Protocol for Exalogic Elastic Cloud Software

  Oracle Exalogic Elastic Cloud can be configured to utilize the socket direct protocol for Oracle Tuxedo network channels and Oracle Database connectivity.

- Oracle Tuxedo Optimization for Lock Mechanism

  Oracle Exalogic Elastic Cloud Software can be configured with Oracle Tuxedo to tune the bulletin board lock mechanism in an Oracle Tuxedo domain.

Oracle WebLogic Server Enterprise Edition Third-Party Notices and/or Licenses

Open Source Software Included with Oracle WebLogic Server Enterprise Edition

Required notices for open source software products or components distributed with the products are identified in the following table along with the applicable licensing information.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
A. Abram White	Serp 1.14.2	Serp is an open source framework for manipulating Java bytecode (http://serp.sourceforge.net) Licensed under the Serp License. You may obtain a copy of the License at: http://serp.sourceforge.net/site/license.html. All rights reserved. Copyright (c) 2002, A. Abram White All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. Neither the name of 'serp' nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. For more information on this license and/or for a copy of the license, see Serp License.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
A. Abram White	Serp 1.15.1	Copyright (c) 2002-2007, A. Abram White All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. Neither the name of 'serp' nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		For more information on this license and/or for a copy of the license, see Serp License.
ANTLR	Antlr 2.7.5 2.7.7	For a copy of the license, see Antlr License.
ANTLR	Antlr 3.2	Antlr 3 License [The BSD License] Copyright © 2003–2007 Terence Parr All rights reserved. BSD 3-Clause License For a copy of the license, see Antlr License.
ANTLR	Antlr 3.5.2	Copyright (c) 2010 Terence Parr All rights reserved. BSD 3-Clause License org.antlr/antlr/3.5.2 org.antlr/antlr-runtime/3.5.2 org.antlr/ST4/4.0.8 org.antlr/stringtemplate/3.2.1 org.antlr/gunit/3.5.2 https://www.antlr3.org/license.html Copyright (c) 2010 Terence Parr All rights reserved. BSD 3-Clause License
Apache	Ant 1.7.1	For a copy of the license, see Apache License, Version 2.0.

Provider	*Component*	*Licensing Information*
Apache	Ant 1.9.2	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.
Apache	Ant 1.9.8	For a copy of the license, see Apache License, Version 2.0.
Apache	Ant 1.10.5	Copyright 1999-2018 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/) For a copy of the license, see Apache License, Version 2.0.
Apache	ANT Form 1.4.6beta	For a copy of the license, see GNU Lesser General Public License, Version 2.1.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	AntContrib 1.0b3 ant-contrib 1.0b3	Ant-Contrib Copyright (c) 2001-2003 Ant-Contrib project. All rights reserved. Licensed under the Apache 1.1 License Agreement. The name Ant-Contrib must not be used to endorse or promote products derived from this software or be used in a product name without prior written permission. For written permission, please contact: antcontrib-developers@lists.sourceforge.net. For more information on this license and/or for a copy of the license, see Apache License Version 1. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Apache Commons Net 2.0	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Apache Derby 10.6.1.0	For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Apache Derby 10.11	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Apache Derby 10.14.2.0	Copyright 2004-2018 The Apache Software Foundation For more information on this license and/or for a copy of the license, see Apache License, Version 2.0. Modules: engine net client tools optionaltools war derbyLocale_cs derbyLocale_de_DE derbyLocale_es derbyLocale_fr derbyLocale_hu derbyLocale_it derbyLocale_ja_JP derbyLocale_ko_KR derbyLocale_pl derbyLocale_pt_BR derbyLocale_ru derbyLocale_zh_CN derbyLocale_zh_TW

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Apache Jakarta Commons HttpClient 3.1	Copyright 1999-2007 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (`http://www.apache.org/`). All rights reserved. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Apache Jakarta Commons HttpClient 3.0.1	Copyright © 1999-2006 The Apache Software Foundation. All rights reserved. This product includes software developed by The Apache Software Foundation (http://www.apache.org/). Portions of this software were originally based on the following: - software copyright (c) 2000-2003, BEA Systems, <http://www.bea.com/> Aside from contributions to the Apache XMLBeans project, this software also includes: • one or more source files from the Apache Xerces-J and Apache Axis products, Copyright (c) 1999-2003 Apache Software Foundation • W3C XML Schema documents Copyright 2001-2003 (c) World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University) • resolver.jar from Apache Xml Commons project, Copyright (c) 2001-2003 Apache Software Foundation • Piccolo XML Parser for Java from http://piccolo.sourceforge.net/, Copyright 2002 Yuval Oren under the terms of the Apache Software License 2.0 • JSR-173 Streaming API for XML from http://sourceforge.net/projects/xmlpullparser/, Copyright 2005 BEA under the terms of the Apache Software License 2.0 For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Apache HttpComponents HttpClient 4.5.6	Copyright © 1999-2018 The Apache Software Foundation. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Apache HttpComponents HttpClient 4.5.6	Copyright © 1999-2017 The Apache Software Foundation. This product includes software developed at The Apache Software Foundation (http://www.apache.org/). You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.") You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0. A copy of the license is also reproduced below. Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Apache Jelly 1.0	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Apache Velocity 1.4	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Provider	***Component***	***Licensing Information***
Apache	Apache Velocity 1.4	Copyright 2000-2001,2004 The Apache Software Foundation. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	beehive-netui-core-1.0.2.jar 1.0.2	NOTICE file corresponding to section 4 (d) of the Apache License, Version 2.0, in this case for the Apache Beehive distribution. This product includes software developed at The Apache Software Foundation (`http://www.apache.org/`) Portions of this software were originally based on the following: software copyright (c) 2000-2003, BEA Systems, <http://www.bea.com/>. and are licensed to the Apache Software Foundation under the "Software Grant and Corporate Contribution License Agreement" Aside from contributions to the Apache Beehive project, this software also includes: One or more JARs from the Jakarta Commons, Jakarta ORO, Log4J, Struts, and Velocity Apache projects, Copyright (c) 1999-2006 Apache Software Foundation One or more JARs from the Spring Framework Project See the LICENSE.txt file for information on all licenses associated with this software. COPYRIGHT NOTICES: * Apache Beehive is bundled with source and binaries from the JSR-166 implementation licensed under the relevant license in LICENSE.txt. The source code and license are available at: http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/main/readme Apache Beehive is bundled with binaries from The Spring Framework Project For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Beehive 1.0.2	For a copy of the license, see Apache License, Version 2.0. NOTICE file corresponding to section 4 (d) of the Apache License, Version 2.0, in this case for the Apache Beehive distribution. This product includes software developed at The Apache Software Foundation (`http://www.apache.org/`) Portions of this software were originally based on the following: software copyright (c) 2000-2003, BEA Systems, <http://www.bea.com/>. and are licensed to the Apache Software Foundation under the "Software Grant and Corporate Contribution License Agreement" Aside from contributions to the Apache Beehive project, this software also includes: One or more JARs from the Jakarta Commons, Jakarta ORO, Log4J, Struts, and Velocity Apache projects, Copyright (c) 1999-2006 Apache Software Foundation One or more JARs from the Spring Framework Project See the LICENSE.txt file for information on all licenses associated with this software. COPYRIGHT NOTICES: * Apache Beehive is bundled with source and binaries from the JSR-166 implementation licensed under the relevant license in LICENSE.txt. The source code and license are available at: http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/main/readme Apache Beehive is bundled with binaries from The Spring Framework Project

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	cglib 2.2.3	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.
Apache	cglib 3.2.5	For a copy of the license, see Apache License, Version 2.0.
Apache	cglib 3.2.12	This product includes software developed at The Apache Software Foundation (http://www.apache.org/) Copyright 2003 The Apache Software Foundation For more information on this license and/or for a copy of the license, see Apache License, Version 2.0. Modules: cglib cglib-nodep cglib-sample cglib-integration-test cglib-jmh
Apache	cglib-nodep 3.2.9	For a copy of the license, see Apache License, Version 2.0.
Apache	cglib (Code Generation Library) 2.1_03	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Classmate 1	Apache License Version 2.0, January 2004 http://www.apache.org/licenses/ For a copy of the license, see Apache License, Version 2.0.
Apache	Commons Digester 1.6 1.8	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.
Apache	Commons Digester 2.1	Copyright 2001-2010 The Apache Software Foundation This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.
Apache	Commons FileUpload 1.3.2	Apache Commons FileUpload Copyright 2002-2008 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/). For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Commons FileUpload 1.3.3	URL for license: http://opensource.org/licenses/ For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Commons FileUpload 1.4	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	HttpCore 4.4.10	Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see <http://www.apache.org/> For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Commons Logging 1.1.1 commons-logging 1.2	Apache Commons Logging Copyright 2003-2013 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org//) This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.
Apache	Commons Logging 1.2	Apache 2.0 license: http://www.apache.org/licenses/LICENSE-2.0 Apache Commons Pool Copyright 2003-2013 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/). For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Commons Logging 1.2-0548efb	Apache Commons Logging Copyright 2003-2016 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	commons-pool 1.6	Apache 2.0 license: http://www.apache.org/licenses/LICENSE-2.0 Apache Commons Pool Copyright 2001-2012 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License, Version 2.0.
Apache	XML Security 1.4.7	This product contains software developed by The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License, Version 2.0.
Apache	XML Security for Java 2.1.2	For a copy of the license, see Apache License, Version 2.0.
Apache	xbean-spring 3.5	For a copy of the license, see Apache License, Version 2.0.

Provider	*Component*	*Licensing Information*
Apache	xbean-spring 4.12	For a copy of the license, see Apache License, Version 2.0.
Apache	Xalan 2.7.2	For a copy of the license, see Apache License, Version 2.0.
Apache	xercesImpl.jar 2.8.1	Apache Xerces Java Copyright © 1999–2010 The Apache Software Foundation Software copyright © 1999 For a copy of the license, see Apache License, Version 2.0.
Apache	Xerces2 Java 2.12.0	For a copy of the license, see Apache License, Version 2.0.
Apache	Commons Validator 1.4.1	Apache Commons Validator Copyright 2001-2012 The Apache Software Foundation. This product includes software developed by The Apache Software Foundation (http://www.apache.org/). All rights reserved. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.
Apache	Commons Validator 1.6	For a copy of the license, see Apache License, Version 2.0.
Apache	Apache XMLBeans 2.3, 2.5	For a copy of the license, see .Apache XMLBeans License.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	***Component***	***Licensing Information***
Apache	Apache XMLBeans 2.6.0	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Apache XMLBeans 2.6.0-6	Copyright 2019 Apache Software Foundation Apache License Version 2.0 For more information on this license and/or for a copy of the license, see Apache License, Version 2.0. ADDITIONAL LICENSES COVERING PARTS OF THIS DISTRIBUTION: This distribution includes W3C XML Schema documents Copyright (c) 2001-2003World Wide Web Consortium. These schemas are licensed under the W3CSoftware License, which is included in the same directory as the schemas. The license can also be found at: http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231. License By obtaining and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions. Permission to copy, modify, and distribute this work, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the work or portions thereof, including modifications: The full text of this NOTICE in a location viewable to users of the redistributed or derivative work. Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software and Document Short Notice should be included. Notice of any changes or modifications, through a copyright statement on the new code or document such as "This software or document includes material copied from or derived from [title and URI of the W3C document]. Copyright © [YEAR] W3C® (MIT, ERCIM, Keio, Beihang). "Disclaimers THIS WORK IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENT WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS. COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENT. The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the work without specific, written prior permission. Title to copyright in this work will at all times remain with copyright holders. Content of NOTICE.txt from XMLBeans 2.6.0 at https://github.com/apache/xmlbeans/blob/2.6.0/NOTICE.txt NOTICE file corresponding to section 4 (d) of the Apache License, Version 2.0, in this case for the Apache XmlBeans distribution. This product includes software developed by The Apache Software Foundation (http://www.apache.org/). Portions of this software were originally based on the following: - software copyright (c) 2000-2003, BEA Systems, . Aside from contributions to the Apache XMLBeans project, thissoftware also includes: - one or more source files from the Apache Xerces-J and Apache Axisproducts, Copyright (c) 1999-2003 Apache Software Foundation - W3C XML Schema documents Copyright 2001-2003 (c) World Wide WebConsortium (Massachusetts Institute of Technology, European ResearchConsortium for Informatics and Mathematics, Keio University) - resolver.jar from Apache Xml Commons project,Copyright (c) 2001-2003 Apache Software Foundation

Provider	*Component*	*Licensing Information*
		- Piccolo XML Parser for Java from http://piccolo.sourceforge.net/,Copyright 2002 Yuval Oren under the terms of the Apache Software License 2.0 - JSR-173 Streaming API for XML from http://sourceforge.net/projects/xmlpullparser/,Copyright 2005 BEA under the terms of the Apache Software License 2.0
Apache	Apache Santuario 2.1.3	For a copy of the license, see Apache License, Version 2.0.
Apache	Felix 4.4.0	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.
Apache	Commons Collections 3.2.2	For a copy of the license, see Apache License, Version 2.0.
Apache	Commons Codec 1.9	Apache Commons Codec Copyright 2002-2013 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Commons Codec 1.11	Copyright [2014] [Commons-Codec] For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Commons Codec 1.12	Apache License Version 2.0 For more information on this license and/or for a copy of the license, see Apache License, Version 2.0. Apache Commons Codec Copyright 2002-2017 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/) src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.javacontains test data from http://aspell.net/test/orig/batch0.tab.Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org) The content of package org.apache.commons.codec.language.bm has been translatedfrom the original php source code available at http://stevemorse.org/phoneticinfo.htmwith permission from the original authors. Original source copyright: Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Commons Codec 1.13	Apache License Version 2.0 For more information on this license and/or for a copy of the license, see Apache License, Version 2.0. Copyright 2002-2019 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/) src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.javacontains test data from http://aspell.net/test/orig/batch0.tab.Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org) The content of package org.apache.commons.codec.language.bm has been translatedfrom the original php source code available at http://stevemorse.org/phoneticinfo.htmwith permission from the original authors. Original source copyright: Copyright (c) 2008 Alexander Beider & Stephen P. Morse.
Apache	Commons Net 1.4.1	For a copy of the license, see Apache License, Version 2.0.
Apache	Jakarta Commons Collections 3.2	Copyright 2001-2015 The Apache Software Foundation For a copy of the license, see Apache License, Version 2.0.
Apache	Jakarta - commons-lang.jar 2.1, 2.3	For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Jakarta Commons Validator 1.3.1	This product includes software developed by Apache Jakarta Commons Validator Copyright 2001-2006 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/). All rights reserved. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Jakarta ORO 2.0.8 2.2	Jakarta ORO Copyright © 2000–2002 The Apache Software Foundation All rights reserved Licensed under the Apache 1.1 License Agreement. This product is licensed to you under the Apache License, Version 1.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-1.0. The Apache Software License, Version 1.1 THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. The names must not be used to endorse or promote products derived from this software or be used in a product name without prior written permission. For written permission, please contact: apache@apache.org. This software consists of voluntary contributions made by many individuals

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see: http://www.apache.org/. For a copy of the license, see Apache License, Version 1.1.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Jakarta ORO 2.0.8	The Apache Software License, Version 1.1 Copyright (c) 2000-2002 The Apache Software Foundation. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment: "This product includes software developed by the Apache Software Foundation (http://www.apache.org/)." Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear. 4. The names "Apache" and "Apache Software Foundation", "Jakarta-Oro" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org. 5. Products derived from this software may not be called "Apache" or "Jakarta-Oro", nor may "Apache" or "Jakarta-Oro" appear in their name, without prior written permission of the Apache Software Foundation. THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see <http://www.apache.org/>. Copyright in source: Copyright (c) 2000-2002 The Apache Software Foundation Notice in source:None Contributors in source:Daniel Savarese is the original author of the OROMatcher, PerlTools, AwkTools, and TextTools packages that became the Jakarta-ORO project. Jon Stevens helped prepare the first release ofjakarta-oro and is a constant help in keeping the project consistent with the Jakarta project as a whole. Takashi Okamoto has contributed a unicode character class fix and an initial posix character class implementation. Mark Murphy has contributed performance improvements to Perl5Substitution as well as adding support for\UuLlE and escaping of $. Michael Davey fixed some documentation and added a missing int substitute(...) method to Perl5Util.

Provider	*Component*	*Licensing Information*
		Harald Kuhn updated MatchActionProcessor.processMatches() to accommodate character encodings.
Apache	jakarta-commons-codec 1.3	Copyright 2001-2004 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/). This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	jakarta-oro 2.0.8	The Apache Software License, Version 1.1 Copyright (c) 2000-2002 The Apache Software Foundation. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment: "This product includes software developed by the Apache Software Foundation (http://www.apache.org/)." Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear. 4. The names "Apache" and "Apache Software Foundation", "Jakarta-Oro" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org. 5. Products derived from this software may not be called "Apache" or "Jakarta-Oro", nor may "Apache" or "Jakarta-Oro" appear in their name, without prior written permission of the Apache Software Foundation. THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND

Provider	*Component*	*Licensing Information*
		FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see <http://www.apache.org/>.
Apache	Log4j 1.2 1.5	For a copy of the license, see Apache License, Version 2.0.
Apache	Log4J 1.2.8 1.2.13 1.2.15 1.3	Apache log4j Copyright 2007 The Apache Software Foundation All rights reserved. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	***Component***	***Licensing Information***
Apache	Maven 3.2.5	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.
Apache	Piccolo XML Parser 1.0.3	For a copy of the license, see Apache License, Version 2.0.
Apache	struts 1.1 1.2.9	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Apache Struts 2.3.32	Apache Struts Copyright 2000-2011 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/). Dojo (http://dojotoolkit.org/). domTT (http://www.mojavelinux.com/projects/domtooltip/). Freemarker 2.3.25 Copyright (c) 2003 The Visigoth Software Society. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. The end-user documentation included with the redistribution, if any, must include the following acknowlegement: "This product includes software developed by the Visigoth Software Society (http://www.visigoths.org/)." Alternately, this acknowlegement may appear in the software itself, if and wherever such third-party acknowlegements normally appear. 3. Neither the name "FreeMarker", "Visigoth", nor any of the names of the project contributors may be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact `visigoths@visigoths.org`. 4. Products derived from this software may not be called "FreeMarker" or "Visigoth" nor may "FreeMarker" or "Visigoth" appear in their names without prior written permission of the Visigoth Software Society. THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES,

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE VISIGOTH SOFTWARE SOCIETY OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. This software consists of voluntary contributions made by many individuals on behalf of the Visigoth Software Society. For more information on the Visigoth Software Society, please see http://www.visigoths.org/ FreeMarker includes a number of subcomponents that are licensed by the Apache Software Foundation under the Apache License, Version 2.0. Your use of these subcomponents is subject to the terms and conditions of the Apache License, Version 2.0. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Oracle Struts 1.2.9-1.0.0	Copyright 2019 Apache Software Foundation For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Woodstox XML Processor 4.2.0	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Provider	*Component*	*Licensing Information*
Apache	Woodstox XML Processor 5.0.2	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Felix 5.6.0	Apache Felix Main Distribution Copyright 2015 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/) For a copy of the license, see Apache License, Version 2.0.
Apache	commons-lang 3.4	For a copy of the license, see Apache License, Version 2.0.
Apache	commons-lang 3.5	Apache Commons Lang Copyright 2001-2015 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). This product includes software from the Spring Framework, under the Apache License 2.0 (see: StringUtils.containsWhitespace()) For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Felix Log 1.0	Copyright 2018 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/) Licensed under the Apache License 2.0. This product includes software developed at The OSGi Alliance (http://www.osgi.org/). Copyright (c) OSGi Alliance (2000, 2007).Licensed under the Apache License 2.0. http://felix.apache.org/license.html Apache License Version 2.0 For a copy of the license, see Apache License, Version 2.0. 9/17/2019 From the file DEPENDENCIES, with Copyright notices added: Transitive dependencies of this project determined from the// maven pom organized by organization. Apache Felix Log Service From: 'OSGi Alliance' (http://www.osgi.org/) - org.osgi:osgi.core (http://www.osgi.org/) org.osgi:osgi.core:jar:6.0.0 Copyright: Copyright (c) OSGi Alliance (2000, 2014). All Rights Reserved. License: Apache License, Version 2.0 (http://opensource.org/licenses/apache2.0.php) From: 'OSGi Alliance' (https://www.osgi.org/) - org.osgi:org.osgi.service.log (https://www.osgi.org/) org.osgi:org.osgi.service.log:jar:1.4.0 Copyright: Copyright (c) OSGi Alliance (2000, 2018). All Rights Reserved. License: Apache-2.0 (http://www.apache.org/licenses/LICENSE-2.0)

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Felix Log 1.2.0	Copyright 2018 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). Licensed under the Apache License 2.0. This product includes software developed at The OSGi Alliance (http://www.osgi.org/). Copyright (c) OSGi Alliance (2000, 2007). Licensed under the Apache License 2.0. For a copy of the license, see Apache License, Version 2.0.
Apache	Hibernate Validator 5.2.5.Final	Copyright 2019 Apache Software Foundation. For a copy of the license, see Apache License, Version 2.0.
Apache	standard.jar 1.1.2	For a copy of the license, see Apache License, Version 2.0.
Apache	OpenJPA 1.1.1	For a copy of the license, see Apache License, Version 2.0.
Apache	Commons Collections 4.1	Apache Commons Collections Copyright © 2001–2008 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/) For a copy of the license, see Apache License, Version 2.0.
Apache	Commons Collections 3.2.2	Apache Commons Collections Copyright © 2001–2008 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/) For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	Commons Collections 3.2.2	Apache Commons Collections Copyright 2001-2015 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/) For a copy of the license, see Apache License, Version 2.0.
Apache	commons-io 2.5	Apache Commons IO Copyright 2002-2016 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (`http://www.apache.org/`). For a copy of the license, see Apache License, Version 2.0.
Apache	Commons IO 2.6	For a copy of the license, see Apache License, Version 2.0.
Apache	Commons Beanutils 1.6 1.7 1.8	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	jakarta-regexp 1.4	This product includes software developed at The Apache Software Foundation (`http://www.apache.org/`) For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	jcip-annotations 1.0-1	Copyright 2013 Stephen Connolly For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache	soap 2.2	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Velocity 1.4	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Woodstox 4	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Xalan 2.0 2.2 2.3 2.7	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache	Xerces 2.8.1 2.0.1	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache Software Foundation	Maven 3.6.1	Copyright 2001-2018 Apache Software Foundation For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Apache Software Foundation	Apache Standard Taglibs 1.2.5	This code is licensed to you by the Apache Software Foundation and its contributors under the terms of the Apache License V2.0; please see the included NOTICE and LICENSE files for details. JSTL is an effort of the Java Community Process (JCP) and comes out of the JSR-052 expert group. For more information on JSTL,please go to http://jcp.org/en/jsr/detail?id=52. NOTICE file: Apache Standard Taglib Copyright 2001-2015 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/) LICENSE File:Apache License Version 2.0 For more information on this license and/or for a copy of the license, see Apache License, Version 2.0. xalan » xalan (optional) Version: 2.7.2 License: Apache 2.0 Copyright notice from source code: Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		See the License for the specific language governing permissions and limitations under the License. Notice file: NOTICE file corresponding to the section 4d of the Apache License, Version 2. 0, in this case for the Apache Xalan distribution. This product includes software developed at The Apache Software Foundation (http://www.apache.org/) Portions of this software was originally based on the following: - software copyright (c) 1999-2002, Lotus Development Corporation., http://www.lotus.com. - software copyright (c) 2001-2002, Sun Microsystems., http://www.sun.com. - software copyright (c) 2003, IBM Corporation., http://www.ibm.com. - voluntary contributions made by Ovidiu Predescu (ovidiu@cup.hp.com) on behalf of the Apache Software Foundation and was originally developed at Hewlett Packard Company.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Brian Goetz and Tim Peierls	jcpiannotations 1.0	The Java code in the package net.jcip.annotations is copyright (c) 2005 Brian Goetz and is released under the Creative Commons Attribution License. You may not use this product except in compliance with the License. You may obtain a copy of the License at: http://creativecommons.org/licenses/by/2.5 All rights reserved. Attribution 2.5 CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE INFORMATION PROVIDED, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM ITS USE. For more information on this license and/or for a copy of the license, see Attribution 2.5 License.
Certicom	SSLplus/C 3.1.8b	Oracle is granted right to display notices and publicity materials in Certicom's Branding Program, provided Certicom may exercise reasonable control over such use.
Certicom	SSLplus/Java 4_0_2d	Oracle is granted right to display notices and publicity materials in Certicom's Branding Program, provided Certicom may exercise reasonable control over such use.
Coda Hale	DropWizard Metrics 4.0.2	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Coda Hale	DropWizard Metrics 4.0.5	Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2017 Dropwizard Team LICENSE: Apache 2.0 Apache License For more information on this license and/or for a copy of the license, see Apache License, Version 2.0. Modules: docs metrics-bom metrics-annotation metrics-benchmarks metrics-core metrics-healthchecks metrics-ehcache metrics-graphite metrics-httpclient metrics-httpasyncclient metrics-jcache metrics-jdbi metrics-jdbi3 metrics-jersey2 metrics-jetty9 metrics-json metrics-jvm metrics-log4j2 metrics-logback metrics-servlet metrics-servlets metrics-jcstress metrics-jmx Notice File:

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		This product includes code derived from the JSR-166 project (ThreadLocalRandom, Striped64, LongAdder), which was released with the following comments: Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public domain, as explained at `http://creativecommons.org/publicdomain/zero/1.0/`
Codehaus	Jackson 1.8.0	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Codehaus	Jackson 1.9.11, 2.3.2 2.4.3	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Codehaus	Jettison 1.1	Copyright 2006 Envoi Solutions LLC. All rights reserved. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Codehaus	Jettison 1.4.0	Copyright 2006 Envoi Solutions LLC. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Codehaus	jackson-jaxrs 1.9.13	For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Codehaus	stax2-api 4.0.0	Copyright (c) <YEAR>, <OWNER> All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Codehaus	stax2-api 4.1	Copyright (c) <YEAR>, <OWNER> All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Codehaus	stax2-api 4.2	This copy of Stax2 API is licensed under the Simplified BSD License (also known as "2-clause BSD", or "FreeBSD License")See the License for details about distribution rights, and the specific rights regarding derivate works. You may obtain a copy of the License at: `http://www.opensource.org/licenses/bsd-license.php` with details of: = FasterXML.com = 2010- src/main/java/org/codehaus/stax2/typed/Base64Variant.java: Stax2 extension for basic Stax API (JSR-173). Copyright (c) 2005- Tatu Saloranta, tatu.saloranta@iki.fi Licensed under the License specified in file LICENSE, included with the source code. You may not use this file except in compliance with the License. Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. http://www.opensource.org/licenses/bsd-license.php: Copyright <YEAR> <COPYRIGHT HOLDER> Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the

Provider	*Component*	*Licensing Information*
		documentation and/or other materials provided with the distribution. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
connect2id	Nimbus OAuth 2.0 SDK with OpenID Connect extensions 5.2	For a copy of the license, see Apache License, Version 2.0.
connect2id	Nimbus OAuth 2.0 SDK with OpenID Connect extensions 5.64.3	Copyright 2017 connect2id You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.") You may obtain a copy of the License at `http://www.apache.org/licenses/LICENSE-2.0`. A copy of the license is also reproduced below. Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
connect2id	Nimbus OAuth 2.0 SDK with OpenID Connect extensions 6.13	License for nimbus OAuth2-oidc-sdk, nimbus lang-tag, .jcip-annotations, commons-lang3, common-collections4, and json-smart. For a copy of the license, see Apache License, Version 2.0.
connect2id	Nimbus JOSE+JWT 4.34.1	For a copy of the license, see Apache License, Version 2.0.
connect2id	Nimbus JOSE+JWT 6.0	Copyright 2012-14 connect2id Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at `http://www.apache.org/licenses/LICENSE-2.0` Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. For a copy of the license, see Apache License, Version 2.0.
connect2id	Nimbus JOSE+JWT 5.64.3	For a copy of the license, see Apache License, Version 2.0.
connect2id	Nimbus JOSE+JWT 7.6	Copyright 2012-14 connect2id For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Connect2id Ltd.	Nimbus Language Tags 1.4.4	Copyright 2012-2016, Connect2id Ltd. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at `http://www.apache.org/licenses/LICENSE-2.0` Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. For a copy of the license, see Apache License, Version 2.0.
DataDirect	DataDirect Technology	DataDirect Technology includes third party components which are identified in Exhibits E-1 and E-2. The DataDirect component provided with this Oracle Program is distributed only for use with Oracle Program. Must distribute any Readme files that containing third party product notices that are part of DataDirect technology documentation. If translating English version of DataDirect documentation into other languages, must get DataDirect approval prior to use.
Eclipse Foundation	Eclipse Persistence Services Project (EclipseLink) 2.6.4	The EclipseLink Project's produced contents are dual-licensed under the terms of: • Eclipse Distribution License v1.0 (BSD-style license). For a copy of the license, see Eclipse Distribution License, Version 1.0. • Eclipse Public License v1.0. For a copy of the license, see Eclipse Public License, Version 1.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Eclipse Foundation	JDT Compiler 5.5	Licensed under the Eclipse Public License Agreement. You may obtain a copy of the License at: `https://eclipse.org/` All rights reserved. For more information on this license and/or for a copy of the license, see Eclipse Public License, Version 1.0.
Eclipse Foundation	aspectjweaver 1.9.4	For a copy of the license, see Eclipse Public License, Version 1.0.
Eclipse Foundation	JDT Core Batch Compiler 4.9	Oracle disclaims on behalf of itself and all contributors to the EPL code all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose. In addition, Oracle excludes on behalf of itself and all contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits. For more information on this license and/or for a copy of the license, see Eclipse Public License, Version 2.0.
FasterXML, LLC	jackson-jaxrs-json-provider 2.7.9	Copyright 2012 FasterXML.com Apache License Version 2.0, January 2004 `http://www.apache.org/licenses/` For a copy of the license, see Apache License, Version 2.0.
FasterXML, LLC	jackson-jaxrs-json-provider 2.9.9	Copyright (c) 2019 Tatu Saloranta `<tatu.saloranta@iki.fi>` Copyright (c) Fasterxml LICENSE: Apache 2.0 For a copy of the license, see Apache License, Version 2.0.

Provider	*Component*	*Licensing Information*
FasterXML, LLC	jackson-jaxrs-json-provider 2.10.2	For a copy of the license, see Apache License, Version 2.0. Jackson is a high-performance, Free/Open Source JSON processing library. t was originally written by Tatu Saloranta (`tatu.saloranta@iki.fi`), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com. ## Licensing Jackson core and extension components may be licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (`http://fasterxml.com`). ## Credits A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.
FasterXML, LLC	jackson-core 2.7.9	# Jackson JSON processor Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com. ## Credits A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses. For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
FasterXML, LLC	jackson-core 2.9.9	Copyright © 2008–2019 FasterXML. All rights reserved. LICENSE: Apache 2.0 For a copy of the license, see Apache License, Version 2.0.
FasterXML, LLC	jackson-databind 2.7.9.1	For a copy of the license, see Apache License, Version 2.0.
FasterXML, LLC	jackson-databind 2.9.9	Copyright (c) 2019 Tatu Saloranta <tatu.saloranta@iki.fi> LICENSE: Apache 2.0 For a copy of the license, see Apache License, Version 2.0. # Jackson JSON processor Jackson is a high-performance, Free/ Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.
FasterXML, LLC	jackson-annotations 2.7.9	For a copy of the license, see Apache License, Version 2.0.
FasterXML, LLC	jackson-annotations 2.9.9	Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi For a copy of the license, see Apache License, Version 2.0.
FasterXML, LLC	jackson-jaxrs-xml-provider 2.10.2	com.fasterxml.jackson.jaxrs / jackson-jaxrs-xml-provider is licensed under the Apache 2.0 license. Copyright (c) 2019 Tatu Saloranta <tatu.saloranta@iki.fi> For a copy of the license, see Apache License, Version 2.0.

Provider	*Component*	*Licensing Information*
FasterXML, LLC	Classmate 1.3.1	For a copy of the license, see Apache License, Version 2.0.
FasterXML, LLC	jackson-module-jaxb-annotations 2.7.9	For a copy of the license, see Apache License, Version 2.0.
FasterXML, LLC	jackson-module-jaxb-annotations 2.9.9	Copyright (c) 2007- Tatu Saloranta, `tatu.saloranta@iki.fi` For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
FasterXML, LLC	jackson-module-jsonSchema 2.10.2	Copyright 2013 FasterXML For a copy of the license, see Apache License, Version 2.0. javax.validation » validation-api 2.0.1. Final COPYRIGHT: # List of contributors Red Hat Inc. Akira Kawauchi Davide D'Alto Dhanji R. Prasanna Emmanuel Bernard Gavin King Gerhard Petracek Guillaume Smet Gunnar Morling Hardy Ferentschik Hendrik Ebbers Kevin Pollet Sebastian Thomschke LICENSE: Apache 2.0 `https://github.com/eclipse-ee4j/beanvalidation-api/blob/master/license.txt` This program and the accompanying materials are made available under the terms of the Apache License, Version 2.0 which is available at `https://www.apache.org/licenses/LICENSE-2.0`.
FasterXML, LLC	jackson-jaxrs-base 2..7.9	For a copy of the license, see Apache License, Version 2.0.
FasterXML, LLC	jackson-jaxrs-base 2..9.9	Copyright FasterXML.com For a copy of the license, see Apache License, Version 2.0.

Provider	*Component*	*Licensing Information*
Genivia	gSOAP 2.7.10	Must reproduce and include all copyright and proprietary notices/legends, as they appear in or on original Software, with the exception of gSOAP public license and GPL license notices.
Google	Google Guava 27.0	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Google	Google Guava 27.1	Copyright (C) 2008 The Guava Authors Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at `http://www.apache.org/licenses/LICENSE-2.0` Common annotation types. This package is a part of the open-source BR> href="`http://github.com/google/guava`">Guava library. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0. Modules: guava-bom guava-gwt guava-testlib guava-tests guava refactorings util
Google	Guava 25.1	Apache License 2.0 (`http://www.apache.org/licenses/LICENSE-2.0`) For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Google	Google Guava 20.0	Copyright (C) 2007 The Guava Authors Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at `http://www.apache.org/licenses/LICENSE-2.0` Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Google	GSON 1.4	For a copy of the license, see Apache License, Version 2.0.
Google	GSON 2.8.5	For a copy of the license, see Apache License, Version 2.0.
Google	JSR 284 Reference Implementation 1.0	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
IBM	Batch 1	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
IBM	Batch 1.0.1	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
IBM	Java Batch Reference Implementation 1.0.3	You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.") You may obtain a copy of the License at `http://www.apache.org/licenses/LICENSE-2.0`. A copy of the license is also reproduced below. Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
INRIA, France Telecom	asm.jar 1.5.3	For a copy of the license, see asm.jar License.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
INRIA, France Telecom	ASM 6.0_alpha	For a copy of the license, see ASM License (4).
INRIA, France Telecom	ASM 7.1	For a copy of the license, see ASM License (3).
Intrinsyc	Jcom from Integra 2.3 Jcom from integra 2.3	This component was licensed through acquisition of BEA and is approved ONLY for use in the products and bundles shipping at the time of the acquisition. It may not be used in new Oracle products or bundles, licensed in any new outbound model, or otherwise utilized in connection with any new use case without consulting Oracle Legal and obtaining any necessary additional approvals. JCOM is a version of J-Integra, integrated and shipped with WebLogic Server (WLS). Licensee will affix an appropriate Licensor copyright notice to Oracle products that incorporate software. You may obtain a copy of the License at: http://j-integra.intrinsyc.com. All rights reserved. For a copy of the license, see Jcom from Integra 2.3.
java.net	ROME - RSS & Atom feeds Tools 1	For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
JCup	JCup Parser Generator 0.10j	Copyright (c) 2005, JCup All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: • Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. • Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. • Neither the name of the JCup nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Joda.org	Joda Time 2.9.2	For more information on this license and/or for a copy of the license, seeApache License, Version 2.0.
Joda.org	joda-time 2.10	This product includes software developed by Joda.org (http://www.joda.org/). For more information on this license and/or for a copy of the license, see Apache License, Version 2.0. Copyright 2001-2014 Stephen Colebourne Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at `http://www.apache.org/licenses/LICENSE-2.0` Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and * limitations under the License.
Joe Walnes	qdox 1.12.1	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Provider	*Component*	*Licensing Information*
John Resig	JQuery 1.3.2	Copyright (c) 2009 John Resig Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. All rights reserved. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. You may obtain a copy of the License at: `http://jquery.com/`

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
JS Foundation and other contributors	JQuery 3.3.1	Copyright JS Foundation and other contributors License Name: MIT This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at `https://github.com/jquery/jquery` Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. Below is the text of the BSD-3-Clause license from https://opensource.org/licenses/BSD-3-Clause which is referenced from the footer of the top page at `https://sinonjs.org/`: Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright

Provider	*Component*	*Licensing Information*
		notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. Neither the name of the Copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS", AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
JS Foundation and other contributors	JQuery 3.4.1	URL for License and Copyright Notice -`https://raw.githubusercontent.com/jquery/jquery/3.4.0/LICENSE.txt` Copyright JS Foundation and other contributors (`https://js.foundation/` MIT License All files located in the node_modules and external directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above. `https://github.com/jquery/jquery/blob/3.4.0/external/npo/npo.js` Native Promise Only v0.8.1 (c) Kyle Simpson MIT License: `http://getify.mit-license.org`
JSON.org	JSON 1.5	Copyright © 2002 JSON.org (`http://www.json.org/license.html`) THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
JSON.org	JSON Smart 1.3.1	For a copy of the license, see Apache License, Version 2.0.

Provider	*Component*	*Licensing Information*
JSON-SMART authors	JSON Smart 2.3	Copyright Info: Copyright 2011 JSON-SMART authors `https://github.com/netplex/json-smart-v2/blob/master/json-smart/src/main/java/net/minidev/json/JSONAware.java` For a copy of the license, see Apache License, Version 2.0.
JUnit Team	JUnit 5.5.2	Copyright 2015-2018 the original author or authors. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Jython	Jython 2.1 2.2 2.2.1	This product is licensed to you under the Jython License, Version 2.1, 2.2, 2.2.1 (the "License"). You may not use this product except in compliance with the License. All rights reserved. You may obtain a copy of the License at: `http://www.jython.org/license.html`. For more information on this license and/or for a copy of the license, see Jython License.
Jython	Jython 2.2.1-1	The Jython License For more information on this license and/or for a copy of the license, see Jython License.
LGPL 2.1	Jboss-jmx.jar 3.22, 4.0	For a copy of the license, see GNU Lesser General Public License, Version 2.1.
Linux Foundation	Hibernate Validator 6.0.16.Final	Copyright (C) 2004, 2006 The Linux Foundation and its contributors For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Mozilla	Netscape LDAP 3.1	This product is licensed to you under the Mozilla License, Version Netscape LDAP 3.1 (the "License"). You may not use this product except in compliance with the License. All rights reserved. The Netscape Public License Version 1.1 ("NPL") consists of the Mozilla Public License, Version 1.1 , along with the additional Amendments. For more information on this license and/or for a copy of the license, see Netscape LDAP License.
Mozilla	Netscape Directory SDK for Java 4.17	The Netscape Public License Version 1.1 ("NPL") consists of the Mozilla Public License Version 1.1 with the following Amendments, including Exhibit A-Netscape Public License. Files identified with "Exhibit A-Netscape Public License" are governed by the Netscape Public License Version 1.1. All rights reserved. The Netscape Public License Version 1.1 ("NPL") consists of the Mozilla Public License, Version 1.1, along with the additional Amendments. For more information on this license and/or for a copy of the license, see Netscape LDAP License.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Ning, Inc.	LZF compression 1.0.3	Compress-LZF is a Java library for encoding and decoding data (`http://www.ning.com/code/`) Copyright 2009-2010 Ning, Inc. All rights reserved. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Niall Gallagher	CQEngine 2.1.3	Copyright 2012-2015 Niall Gallagher Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at `http://www.apache.org/licenses/LICENSE-2.0` Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Oasis IPR Policy	XACML 2.0 Test Suite	For a copy of the license, see Oasis WS-Security 1 XML Schema License
Oasis IPR Policy	XML 1.0 Test Suite	For a copy of the license, see Oasis WS-Security 1 XML Schema License
Oasis IPR Policy	Oasis WS-Security 1.0 XML Schema Oasis xacml 2.0 suite	For a copy of the license, see Oasis WS-Security 1 XML Schema License

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
ObjectWeb	jOTM 1.5.3, 2.0.10	Copyright (c) 2005, ObjectWeb All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: • Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. • Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. • Neither the name of the ObjectWeb nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
OpenSymphony	Object-Graph Navigation Language (OGNL) 3.0.19	The OpenSymphony Software License, Version 1.1 (this license is derived and fully compatible with the Apache Software License - see `http://www.apache.org/LICENSE.txt`) Copyright (c) 2001-2004 The OpenSymphony Group. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment: "This product includes software developed by the OpenSymphony Group (`http://www.opensymphony.com/`)." Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear. 4. The names "OpenSymphony" and "The OpenSymphony Group" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact `license@opensymphony.com`. 5. Products derived from this software may not be called "OpenSymphony" or "OGNL", nor may "OpenSymphony" or "OGNL" appear in their name, without prior written permission of the OpenSymphony Group. THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES

Provider	*Component*	*Licensing Information*
		OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Copyright (c) 1998-2004, Drew Davidson and Luke Blanshard All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. Neither the name of the Drew Davidson nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
OpenSAML	OpenSAML 3.3.1	For a copy of the license, see Apache License, Version 2.0.
Open Test Alliance for JVM (OTA4J Team)	opentest4j 1.1.1	For a copy of the license, see Apache License, Version 2.0.
org.apiguardian	apiguardian-api 1.1.0	For a copy of the license, see Apache License, Version 2.0.
Oasis IPR Policy	Oasis WS-Security 1.0 XML Schema Oasis xacml 2.0 suite	For a copy of the license, see Oasis WS-Security 1 XML Schema License.
ObjectWeb	RUBIS 1.1	For a copy of the license, see GNU Lesser General Public License, Version 2.1.
OSGi Alliance	OSGi Core Release 7 Companion Code 7.0.0	For a copy of the license, see Apache License, Version 2.0.
Objenesis Team and all contributors	Objenesis 3.0.1	For a copy of the license, see Apache License, Version 2.0.
Public Domain	Spring Framework 1.0	For a copy of the license, see Public Domain License.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	***Component***	***Licensing Information***
xPivotal, Inc.	Spring Framework 5.1.3	Spring 5.1.3.RELEASE is licensed under Apache 2.0. For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Pivotal Software, Inc.	Spring Framework 5.0.103	Copyright 2019 Pivotal Software, Inc. SPRING FRAMEWORK ${version} SUBCOMPONENTS: Spring Framework ${version} includes a number of subcomponents with separate copyright notices and license terms. The product that includes this file does not necessarily use all the open source subcomponents referred to below. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses. ASM 4.0 (org.ow2.asm:asm:4.0, org.ow2.asm:asm-commons:4.0): Copyright (c) 2000-2011 INRIA, France Telecom All rights reserved. BSD 3-Clause License Copyright (c) 1999-2009, OW2 Consortium /www.ow2.org/> CGLIB 3.0 (cglib:cglib:3.0): Per the LICENSE file in the CGLIB JAR distribution downloaded from http://sourceforge.net/projects/cglib/files/cglib3/3.0/cglib-3.0.jar/download, CGLIB 3.0 is licensed under the Apache License, version 2.0, the text of which is included above. To the extent any open source subcomponents are licensed under the EPL and/or other similar licenses that require the source code and/or modifications to source code to be made available (as would be noted above), you may obtain a copy of the source code corresponding to the binaries for such open source components and modifications thereto, if any, (the "Source Files"), by downloading the Source Files from http://www.springsource.org/download, or by sending a request, with your name and address to: Pivotal, Inc., 875 Howard St, San Francisco, CA 94103 United States of America

Provider	*Component*	*Licensing Information*
		or email info@pivotal.io. All such requests should clearly specify: OPEN SOURCE FILES REQUEST Attention General Counsel Pivotal shall mail a copy of the Source Files to you on a CD or equivalent physical medium. This offer to obtain a copy of the Source Files is valid for three years from the date you acquired this Software product. For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Pivotal, Inc.	Spring Framework 5.1.8	Copyright (c) 2002-2019 Pivotal, Inc. For a copy of the license, see Apache License, Version 2.0. SPRING FRAMEWORK ${version} SUBCOMPONENTS: Spring Framework ${version} includes a number of subcomponents with separate copyright notices and license terms. The product that includes this file does not necessarily use all the open source subcomponents referred to below. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses. ASM 4.0 (org.ow2.asm:asm:4.0, org.ow2.asm:asm-commons:4.0): Copyright (c) 2000-2011 INRIA, France Telecom All rights reserved. BSD 3-Clause License Copyright (c) 1999-2009, OW2 Consortium /www.ow2.org/> CGLIB 3.0 (cglib:cglib:3.0): Per the LICENSE file in the CGLIB JAR distribution downloaded from http://sourceforge.net/projects/cglib/files/cglib3/3.0/cglib-3.0.jar/download, CGLIB 3.0 is licensed under the Apache License, version 2.0, the text of which is included above. To the extent any open source subcomponents are licensed under the EPL and/or other similar licenses that require the source code and/or modifications to source code to be made available (as would be noted above), you may obtain a copy of the source code corresponding to the binaries for such open source components and modifications thereto, if any, (the "Source Files"), by downloading the Source Files from http://www.springsource.org/download, or by sending a request, with your name and address to: Pivotal, Inc., 875 Howard St, San Francisco, CA 94103

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		United States of America or email info@pivotal.io. All such requests should clearly specify: OPEN SOURCE FILES REQUEST Attention General Counsel Pivotal shall mail a copy of the Source Files to you on a CD or equivalent physical medium. This offer to obtain a copy of the Source Files is valid for three years from the date you acquired this Software product. Modules: spring-aop spring-aspects spring-beans spring-context-indexer spring-context-support spring-context spring-core spring-expression spring-framework-bom spring-instrument spring-jcl spring-jdbc spring-jms spring-messaging spring-orm spring-oxm spring-test spring-tx spring-web spring-webflux spring-webmvc spring-websocket

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Pivotal, Inc.	Spring Framework 5.1.13.RELEASE	The Spring Framework is released under version 2.0 of the [Apache License] (https://www.apache.org/licenses/LICENSE-2.0). COPYRIGHT: Copyright (c) 2002-2019 Pivotal, Inc. For a copy of the license, see Apache License, Version 2.0. SPRING FRAMEWORK ${version} SUBCOMPONENTS: Spring Framework ${version} includes a number of subcomponents with separate copyright notices and license terms. The product that includes this file does not necessarily use all the open source subcomponents referred to below. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses. Copyright (c) 2000-2011 INRIA, France Telecom All rights reserved. ASM 4.0 (org.ow2.asm:asm:4.0, org.ow2.asm:asm-commons:4.0): BSD 3-Clause License Copyright (c) 1999-2009, OW2 Consortium /www.ow2.org/> CGLIB 3.0 (cglib:cglib:3.0): Per the LICENSE file in the CGLIB JAR distribution downloaded from http://sourceforge.net/projects/cglib/files/cglib3/3.0/cglib-3.0.jar/download, CGLIB 3.0 is licensed under the Apache License, version 2.0, the text of which is included above. To the extent any open source subcomponents are licensed under the EPL and/or other similar licenses that require the source code and/or modifications to source code to be made available (as would be noted above), you may obtain a copy of the source code corresponding to the binaries for such open source components and modifications thereto, if any, (the "Source Files"), by downloading the Source Files from http://www.springsource.org/download, or by sending a request, with your name and address to:

Provider	*Component*	*Licensing Information*
		Pivotal, Inc., 875 Howard St, San Francisco, CA 94103 United States of America or email info@pivotal.io. All such requests should clearly specify: OPEN SOURCE FILES REQUEST Attention General Counsel Pivotal shall mail a copy of the Source Files to you on a CD or equivalent physical medium. This offer to obtain a copy of the Source Files is valid for three years from the date you acquired this Software product. Modules: spring-aop spring-aspects spring-beans spring-context-indexer spring-context-support spring-context spring-core spring-expression spring-framework-bom spring-instrument spring-jcl spring-jdbc spring-jms spring-messaging spring-orm spring-oxm spring-test spring-tx spring-web spring-webflux

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
		spring-webmvc spring-websocket
QOS.ch	Simple Logging Facade for Java JDK1.4 Binding (SLF4J-JDK14) 1.6.1	Copyright (c) 2004-2008 QOS.ch All rights reserved. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
QOS.ch	Simple Logging Facade for Java (SLF4J) 1.7.26	Copyright (c) 2004-2017 QOS.ch All rights reserved. MIT License Modules: slf4j-api slf4j-simple slf4j-nop slf4j-jdk14 slf4j-log4j12 slf4j-ext jcl-over-slf4j log4j-over-slf4j jul-to-slf4j osgi-over-slf4j integration slf4j-site slf4j-migrator

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
QOS.ch	SLF4J 1.8.0-beta2	Copyright (c) 2004-2017 QOS.ch All rights reserved. MIT License
Quess Software	JClass Customer License/Maintenance Pack; JClass Desktopviews Byte Code	Licensee must include a valid copyright notice on Licensee's Applications. License shall not use Quest's name, logo or trademark to market Licensee's Applications.
Red Hat	Classfilewriter 1.2.4	For a copy of the license, see Apache License, Version 2.0.
Red Hat, Inc.	Hibernate Validator 6.0.17.Final	For a copy of the license, see Apache License, Version 2.0. © 2017 GitHub, Inc.
Red Hat	Hibernate Validator RI (JSR 303) 5.1.3	For a copy of the license, see Apache License, Version 2.0.
Red Hat	jboss-logging 3.2.1 FINAL	For a copy of the license, see Apache License, Version 2.0.
Red Hat	jboss-logging 3.3.0 FINAL	For a copy of the license, see Apache License, Version 2.0.
RedHat, Inc., JBoss Community	JBoss Logging 3.4.1.Final	Copyright 2010 Red Hat, Inc. For a copy of the license, see Apache License, Version 2.0.
Red Hat	jboss-classfilewriter 1.1.2	For a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Red Hat, Inc.	Weld SE (Core) 3.1.0.Final	Weld SE (Core) (org.jboss.weld.se:weld-se-core) Copyright 2009, Red Hat, Inc. and/or its affiliates, and individual Copyright 2008,2016 Red Hat Middleware LLC, and individual contributors Copyright 2009 Sun Microsystems, Inc. All rights reserved. Copyright 2015,2016 Red Hat, Inc., and individual contributors For a copy of the license, see Apache License, Version 2.0. Fourth Party Attributions "Weld Environment Common" 3.1.0.Final (org.jboss.weld.environment:weld-environment-common) Copyright 2014- 2019, Red Hat, Inc. and/or its affiliates, and individual Copyright 2008,2015 Red Hat, Inc., and individual contributors Copyright 2008,2015 Red Hat Middleware LLC, and individual contributors Copyright 2009,2019 Red Hat, Inc. and/or its affiliates, and individual "Weld Implementation (Core)" 3.1.0.Final (org.jboss.weld:weld-core-impl) Copyright 2008- 2019, Red Hat, Inc., and individual contributors Copyright 2008,2019 Red Hat, Inc., and individual contributors Copyright 2009,2018 Red Hat, Inc. and/or its affiliates, and individual Copyright 2008, Red Hat, Inc. and/or its affiliates, and individual contributors Copyright 2009 Sun Microsystems, Inc. All rights reserved. "Weld APIs" 3.1.Final (org.jboss.weld:weld-api)

Provider	*Component*	*Licensing Information*
		Copyright 2008,2018 Red Hat, Inc., and individual contributors Copyright 2016, Red Hat, Inc. and/or its affiliates, and individual "Weld SPIs for container integration" 3.1.Final (org.jboss.weld:weld-spi) Copyright 2008, Red Hat, Inc. and/or its affiliates, and individual contributors Copyright 2009 Sun Microsystems, Inc. All rights reserved. Copyright 2010,2016 Red Hat, Inc., and individual contributors "JBoss Logging 3" 3.3.0.Final (org.jboss.logging:jboss-logging) Copyright 2010, 2013 Red Hat, Inc. Copyright 2010,2011 Red Hat, Inc., and individual contributors "Weld Probe Core" 3.1.0.Final (org.jboss.weld.probe:weld-probe-core) Copyright 2014,2017 Red Hat, Inc., and individual contributors "classfilewriter" 1.2.4.Final (org.jboss.classfilewriter:jboss-classfilewriter) Copyright 2012,2019 Red Hat, Inc. Copyright 2015, Red Hat, Inc., and individual contributors "Weld Environment Common" 3.1.0.Final (org.jboss.weld.environment:weld-environment-common) "Weld Implementation (Core)" 3.1.0.Final (org.jboss.weld:weld-core-impl) "Weld APIs" 3.1.Final (org.jboss.weld:weld-api) "Weld SPIs for container integration" 3.1.Final (org.jboss.weld:weld-spi) "JBoss Logging 3" 3.3.0.Final (org.jboss.logging:jboss-logging) "Weld Probe Core" 3.1.0.Final (org.jboss.weld.probe:weld-probe-core) "classfilewriter" 1.2.4.Final (org.jboss.classfilewriter:jboss-classfilewriter) Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
RSA	RSA Crypto-C 6.1.1	1. Must not remove, alter or destroy any proprietary, trademark or copyright markings or notices in RSA software or documentation. 2. Oracle must insert and maintain within Oracle application containing the RSA software, a copyright notice in Oracle's name. 3. Oracle must insert and maintain within Oracle application the "RSA Secure" seal depicted in the "Logo Usage Guide." 4. In Oracle application, RSA Secure Seal shall be inserted and maintain within startup splash screen. 5. Oracle must commercially reasonable efforts to use RSA Secure Seal in related marketing materials and advertisements for Oracle application.
RSA	RSA BSAFE Crypto-C v.5.1, RSA BSAFE Crypto-J v.3.1, RSA BSAFE Cert-C v.1.0, RSA BSAFE Cert-J v. 1.0, RSA BSAFE SSL-C v.2.3, RSA BSAFE SSL-J v.4.1; all Updates and Natural Successor x.x	May visually display the RSA name and RSA product names and in the hardcopy documentation for the Siebel programs incorporating the RSA software and in advertising and promotional materials; Siebel agrees not to remove, alter or destroy any proprietary, trademark or copyright markings or notices placed upon or contained within the RSA software or documentation. This shall not be construed as to obligate Siebel to incorporate any proprietary, trademark or copyright markings or notices of RSA in the Siebel programs or related documentation, marketing materials or screens
RSA	RSA BSAFE Crypto-J 6.2	Each bundled product must contain a statement that it contains the RSA software and the RSA seal within a prominent location (e.g. "read me" files, "help" files or other similar locations), as well as in user documentation, printed product collateral and product packaging. Development will use reasonable efforts to include the RSA seal in advertisements for bundled products.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
RSA	RSA BSAFE Cert-J 6.2	Each bundled product must contain a statement that it contains the RSA software and the RSA seal within a prominent location (e.g. "read me" files, "help" files or other similar locations), as well as in user documentation, printed product collateral and product packaging. Development will use reasonable efforts to include the RSA seal in advertisements for bundled products.
RSA	RSA BSAFE SSL-J 6.2	Each bundled product must contain a statement that it contains the RSA software and the RSA seal within a prominent location (e.g. "read me" files, "help" files or other similar locations), as well as in user documentation, printed product collateral and product packaging. Development will use reasonable efforts to include the RSA seal in advertisements for bundled products.
RSA	SSL-J 6.2.4	The Oracle product the code is bundled in must contain a statement that it contains RSA software and the RSA seal within a prominent location (read me, or help files, etc.) and in the product documentation.
Shigeru Chiba	javassist 3.22.0-CR2	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Shigeru Chiba	Javassist 3.25.0-GA	Copyright © 1999-2019 by Shigeru Chiba, All rights reserved. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Shibboleth	java-support 7.3.0	`https://www.shibboleth.net/community/consultants/` Shibboleth is community developed software that is free to download and use, but if you would like a third-party consultant to set-up and support your organization’s Shibboleth installation, please refer to the list below. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
SLF4J	SLF4J 1.7.5	Copyright (c) 2004-2013 QOS.ch All rights reserved. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
SourceForge	cglib-nodep 2.2	For a copy of the license, see Apache License, Version 2.0.
SourceForge	Jnex Java Framework	For a copy of the license, see GNU Lesser General Public License, Version 2.1.
SpringSource	Spring Framework 4.3.3 RELEASE	Spring Framework 3.2.2.RELEASE Copyright (c) 2002-2013 SpringSource, a division of VMware, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. For a copy of the license, see Apache License, Version 2.0.

Provider	*Component*	*Licensing Information*
Stephen Colebourne	Joda Time 2.9.4	"This product includes software developed by Joda.org (`http://www.joda.org/`)." For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Sun (now Oracle)	ejb.jar 3	Oracle is required to provide the following notice as part of the license terms for the Sun JRE that the field of use for the JRE is: (i) general purpose desktop computers, laptops and servers, and (ii) embedded systems (by way of example: embedded applications, cell phones, PDAs, TV devices, digital set top boxes, telematics devices and home gateway devices), provided that the Java Runtime Environment (JRE) is licensed only to run Licensee applications, middleware and database products and the JRE is not licensed to directly run any third party applications. This shall not be understood to prevent third party applications from indirectly and incidentally utilizing the JRE, but only as such is required to enable other Licensee Product functionality.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Sun (now Oracle)	JSF (JavaServerFaces) 1.2x, 1.1.1	Oracle is required to provide the following notice as part of the license terms for the Sun JRE that the field of use for the JRE is: (i) general purpose desktop computers, laptops and servers, and (ii) embedded systems (by way of example: embedded applications, cell phones, PDAs, TV devices, digital set top boxes, telematics devices and home gateway devices), provided that the Java Runtime Environment (JRE) is licensed only to run Licensee applications, middleware and database products and the JRE is not licensed to directly run any third party applications. This shall not be understood to prevent third party applications from indirectly and incidentally utilizing the JRE, but only as such is required to enable other Licensee Product functionality.
Sun (now Oracle)	saaj-api.jar 1.3	Oracle is required to provide the following notice as part of the license terms for the Sun JRE that the field of use for the JRE is: (i) general purpose desktop computers, laptops and servers, and (ii) embedded systems (by way of example: embedded applications, cell phones, PDAs, TV devices, digital set top boxes, telematics devices and home gateway devices), provided that the Java Runtime Environment (JRE) is licensed only to run Licensee applications, middleware and database products and the JRE is not licensed to directly run any third party applications. This shall not be understood to prevent third party applications from indirectly and incidentally utilizing the JRE, but only as such is required to enable other Licensee Product functionality.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
Tatu Saloranta	Woodstox XML Processor 5.2.0	Copyright 2004 Tatu Saloranta, tatu.saloranta@iki.fi For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
The Apache Software Foundation	Log4j 1.2.17	Apache log4j Copyright 2010 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (`http://www.apache.org/`). For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
The Apache Software Foundation	Log4j 1.2.17-16	Apache log4j Copyright 2010 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (`http://www.apache.org/`). For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
The Apache Software Foundation	Commons Beanutils 1.9.3	For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
The Apache Software Foundation	Commons Beanutils 1.9.4	Copyright 2000-2019 Apache Software Foundation: This product includes software developed at the Apache Software Foundation (`http://www.apache.org/`). For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
The Apache Software Foundation	Open SAML 1.0 2.0	This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
The Apache Software Foundation	Weld RI (JSR 299) 2.3.2	This product includes software developed by The Apache Software Foundation (`http://www.apache.org/`) This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. You may obtain a copy of the License at: `http://www.apache.org/licenses/LICENSE-2.0`. For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Apache Software Foundation	Apache Felix Main 6.0.2	Copyright 2006-2019 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (`http://www.apache.org/`). This product includes software developed at The OSGi Alliance (`http://www.osgi.org/`). Copyright (c) OSGi Alliance (2000, 2015). Licensed under the Apache License 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
The Legion Of The Bouncy Castle	Bouncy Castle Java Library 1.54	Copyright (c) 2000 - 2013 The Legion Of The Bouncy Castle (http://www.bouncycastle.org) All rights reserved. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
The Legion Of The Bouncy Castle	Bouncy Castle Java Library 1.56	Copyright (c) 2000 - 2013 The Legion Of The Bouncy Castle (`http://www.bouncycastle.org`) MIT License
The Legion Of The Bouncy Castle	Bouncy Castle Crypto API 1.60	-
The Legion Of The Bouncy Castle	Bouncy Castle Crypto API 1.64	Copyright (c) 2000 - 2019 The Legion of the Bouncy Castle Inc. (`https://www.bouncycastle.org`). MIT License
Virginia Tech	Cryptacular 1.2.2	Copyright 2018 Virginia Tech For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.
Virginia Tech	Cryptacular 1.2.3	Copyright 2018 Virginia Tech For more information on this license and/or for a copy of the license, see Apache License, Version 2.0.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
The Werken Company	jaxen 1.1, 1.1.1	Copyright © 2003–2006 The Werken Company All Rights Reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: • Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. • Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. • Neither the name of the Jaxen Project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS", AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Provider	*Component*	*Licensing Information*
W3C	DOM Dom Level 3 core specification Version 1.0	W3C® SOFTWARE NOTICE AND LICENSE `http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231` THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS. COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION. For more information on this license and/or for a copy of the license, see DOM License.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Provider	*Component*	*Licensing Information*
W3C	DOM Dom Level 3 core specification Version 1.0	Copyright © 2004 World Wide Web Consortium, (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University). All Rights Reserved. `http://www.w3.org/Consortium/Legal/2002/copyright-documents-20021231` W3C® SOFTWARE NOTICE AND LICENSE `http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231` THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS. COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION. For more information on this license and/or for a copy of the license, see DOM License.
W3C	xhtml 1.0	Copyright (c) 2002 W3C MIT License For more information on this license and/or for a copy of the license, see xhtml License.
World Wide Web Consortium	JTidy 7	For a copy of the license, see jTidy License.

Apache Derby License

Copyright 2004-2008 The Apache Software Foundation

Portions of Derby were originally developed by International Business Machines Corporation and are licensed to the Apache Software Foundation under the "Software Grant and Corporate Contribution License Agreement", informally known as the "Derby CLA".

The following copyright notice(s) were affixed to portions of the code with which this file is now or was at one time distributed and are placed here unaltered.

(C) Copyright 1997,2004 International Business Machines Corporation. All rights reserved.

(C) Copyright IBM Corp. 2003.

The portion of the function Tests under 'nist' was originally developed by the National Institute of Standards and Technology (NIST), an agency of the United States Department of Commerce, and adapted by International Business Machines Corporation in accordance with the NIST Software Acknowledgment and Redistribution document at http://www.itl.nist.gov/div897/ctg/sql_form.htm

Licensed under the Apache License, Version 2.0.

Apache License Version 1

The Apache Software License, Version 1.1

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The end-user documentation included with the redistribution, if any, must include the acknowledgements set forth above in connection with the software ("This product includes software developed by the ….) Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.

4. The names identified above with the specific software must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.

5. Products derived from this software may not be called "Apache" nor may "Apache" appear in their names without prior written permission of the Apache Group.

THIS SOFTWARE IS PROVIDED “AS IS,” AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

 Copyright © 1988, 2025, Oracle and/or its affiliates.

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Apache XMLBeans License

Portions of this software were originally based on the following:- software copyright © 2000–2003, BEA Systems, <http://www.bea.com/>.

Aside from contributions to the Apache XMLBeans project, this software also includes:

- - One or more source files from the Apache Xerces-J and Apache Axis products, Copyright © 1999–2003 Apache Software Foundation
- - W3C XML Schema documents Copyright © 2001–2003 World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)
- - resolver.jar from Apache Xml Commons project, Copyright © 2001–2003 Apache Software Foundation
- - Piccolo XML Parser for Java from http://piccolo.sourceforge.net/, Copyright © 2002 Yuval Oren under the terms of the Apache Software License 2.0
- - JSR-173 Streaming API for XML from http://sourceforge.net/projects/xmlpullparser/, Copyright © 2005 BEA under the terms of the Apache Software License 2.0

All Rights Reserved.

Licensed under the Apache License, Version 2.0.

Antlr License

Copyright © 2003-2007, Terence Parr

All rights reserved.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS “AS IS” AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

ASM License (3)

https://gitlab.ow2.org/asm/asm/blob/master/LICENSE.txt

ASM: a very small and fast Java bytecode manipulation framework

Copyright (c) 2000-2011 INRIA, France Telecom

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR “AS IS” AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

ASM License (4)

ASM: a very small and fast Java bytecode manipulation framework

Copyright (c) 2000,2002,2003 INRIA, France Telecom

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR “AS IS” AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF

 Copyright © 1988, 2025, Oracle and/or its affiliates.

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

asm.jar License

ASM: a very small and fast Java bytecode manipulation framework.

Copyright © 2000, 2002, 2003 INRIA, France Telecom

All rights reserved.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS “AS IS” AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Attribution 2.5 License

The Java code in the package net.jcip.annotations is copyright (c) 2005 Brian Goetz and is released under the Creative Commons Attribution License.

You may not use this product except in compliance with the License.

You may obtain a copy of the License at: http://creativecommons.org/ licenses/by/2.5

All rights reserved.

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE INFORMATION PROVIDED, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM ITS USE.

License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

    a. "Collective Work" means a work, such as a periodical issue, anthology or encyclopedia, in which the Work in its entirety in unmodified form, along with a number of other contributions, constituting separate and independent works in themselves, are assembled into a collective whole. A work that constitutes a Collective Work will not be considered a Derivative Work (as defined below) for the purposes of this License.

    b. "Derivative Work" means a work based upon the Work or upon the Work and other preexisting works, such as a translation, musical arrangement, dramatization, fictionalization, motion picture version, sound recording, art reproduction, abridgment, condensation, or any other form in which the Work may be recast, transformed, or adapted, except that a work that constitutes a Collective Work will not be considered a Derivative Work for the purpose of this License. For the avoidance of doubt, where the Work is a musical composition or sound recording, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered a Derivative Work for the purpose of this License.

    c. "Licensor" means the individual or entity that offers the Work under the terms of this License.

    d. "Original Author" means the individual or entity who created the Work.

    e. "Work" means the copyrightable work of authorship offered under the terms of this License.

    f. "You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

2. Fair Use Rights

    Nothing in this license is intended to reduce, limit, or restrict any rights arising from fair use, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws.

3. License Grant

    Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

    a. To reproduce the Work, to incorporate the Work into one or more Collective Works, and to reproduce the Work as incorporated in the Collective Works.

    b. To create and reproduce Derivative Works

    c. To distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission the Work including as incorporated in Collective Works

    d. To distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission Derivative Works

 Copyright © 1988, 2025, Oracle and/or its affiliates.

e. For the avoidance of doubt, where the work is a musical composition:

i. Performance Royalties Under Blanket Licenses

Licensor waives the exclusive right to collect, whether individually or via a performance rights society (e.g. ASCAP, BMI, SESAC), royalties for the public performance or public digital performance (e.g. webcast) of the Work.

ii. Mechanical Rights and Statutory Royalties

Licensor waives the exclusive right to collect, whether individually or via a music rights agency or designated agent (e.g. Harry Fox Agency), royalties for any phonorecord You create from the Work ("cover version") and distribute, subject to the compulsory license created by 17 USC Section 115 of the US Copyright Act (or the equivalent in other jurisdictions).

f. Webcasting Rights and Statutory Royalties

For the avoidance of doubt, where the Work is a sound recording, Licensor waives the exclusive right to collect, whether individually or via a performance-rights society (e.g. SoundExchange), royalties for the public digital performance (e.g. webcast) of the Work, subject to the compulsory license created by 17 USC Section 114 of the US Copyright Act (or the equivalent in other jurisdictions).

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. All rights not expressly granted by Licensor are hereby reserved.

4. Restrictions

The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

a. You may distribute, publicly display, publicly perform, or publicly digitally perform the Work only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy or phonorecord of the Work You distribute, publicly display, publicly perform, or publicly digitally perform. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute, publicly display, publicly perform, or publicly digitally perform the Work with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License Agreement. The above applies to the Work as incorporated in a Collective Work, but this does not require the Collective Work apart from the Work itself to be made subject to the terms of this License. If You create a Collective Work, upon notice from any Licensor You must, to the extent practicable, remove from the Collective Work any credit as required by clause 4(b), as requested. If You create a Derivative Work, upon notice from any Licensor You must, to the extent practicable, remove from the Derivative Work any credit as required by clause 4(b), as requested.

b. If you distribute, publicly display, publicly perform, or publicly digitally perform the Work or any Derivative Works or Collective Works, You must keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or (ii) if the Original Author and/or

Copyright © 1988, 2025, Oracle and/or its affiliates.

Licensor designate another party or parties (e.g. a sponsor institute, publishing entity, journal) for attribution in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; the title of the Work if supplied; to the extent reasonably practicable, the Uniform Resource Identifier, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and in the case of a Derivative Work, a credit identifying the use of the Work in the Derivative Work (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). Such credit may be implemented in any reasonable manner; provided, however, that in the case of a Derivative Work or Collective Work, at a minimum such credit will appear where any other comparable authorship credit appears and in a manner at least as prominent as such other comparable authorship credit.

5. Representations, Warranties and Disclaimer

   UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability

   EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination

   a. This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Derivative Works or Collective Works from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.

   b. Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

8. Miscellaneous

   a. Each time You distribute or publicly digitally perform the Work or a Collective Work, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

b. Each time You distribute or publicly digitally perform a Derivative Work, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.

c. If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

d. No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.

e. This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

Creative Commons is not a party to this License, and makes no warranty whatsoever in connection with the Work. Creative Commons will not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. Notwithstanding the foregoing two (2) sentences, if Creative Commons has expressly identified itself as the Licensor hereunder, it shall have all rights and obligations of Licensor.

Except for the limited purpose of indicating to the public that the Work is licensed under the CCPL, neither party will use the trademark "Creative Commons" or any related trademark or logo of Creative Commons without the prior written consent of Creative Commons. Any permitted use will be in compliance with Creative Commons' then-current trademark usage guidelines, as may be published on its website or otherwise made available upon request from time to time.

Creative Commons may be contacted at: https://creativecommons.org/.

DOM License

W3C® SOFTWARE NOTICE AND LICENSE

http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED “AS IS”, AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS. COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.

Eclipse Persistence Services Project (EclipseLink) 260 License

Copyright © 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Eclipse Public License

Eclipse Public License

Eclipse Public License, Version 1.0

jboss License

GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, February 1999

Copyright © 1991, 1999 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble: The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages, typically libraries of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so

 Copyright © 1988, 2025, Oracle and/or its affiliates.

that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder.

Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom.

The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution, and modification follow.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executable.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

   You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a. The modified work must itself be a software library.

   b. You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c. You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

   d. If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its

 Copyright © 1988, 2025, Oracle and/or its affiliates.

purpose remains meaningful. (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it. Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

   Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

   This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

   If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

   However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executable.

   When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

   You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

   a. Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

   b. Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that;

      i. Uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and

      ii. Will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

   c. Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

   d. If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

   e. Verify that the user has already received a copy of these materials or that you have already sent this user a copy. For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it.

      However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by- side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

   a. Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

   b. Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

    If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

    It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people

Copyright © 1988, 2025, Oracle and/or its affiliates.

have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice. This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

    Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

15. NO WARRANTY

    BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can

 Copyright © 1988, 2025, Oracle and/or its affiliates.

redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found. one line to give the library's name and an idea of what it does. Copyright © year name of author.

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

Signature of Ty Coon, 1 April 1990 Ty Coon, President of Vice That's all there is to it!

Jcom from Integra 2.3

Jcom from Integra 2.3

Provider: Intrinsyc

This component was licensed through acquisition of BEA and is approved ONLY for use in the products and bundles shipping at the time of the acquisition. It may not be used in new Oracle products or bundles, licensed in any new outbound model, or otherwise utilized in connection with any new use case without consulting Oracle Legal and obtaining any necessary additional approvals.

JCOM is a version of J-Integra, integrated and shipped with WebLogic Server (WLS).

Licensee will affix an appropriate Licensor copyright notice to Oracle products that incorporate software.

You may obtain a copy of the License at: http://j-integra.intrinsyc.com

All rights reserved.

Jython License

A. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING JYTHON

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Jython") in source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Jython alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright © 2007 Python Software Foundation; All Rights Reserved" are retained in Jython alone or in any derivative version prepared by Licensee.

3. In the event Licensee prepares a derivative work that is based on or incorporates Jython or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Jython.

4. PSF is making Jython available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF JYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF JYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING JYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By copying, installing or otherwise using Jython, Licensee agrees to be bound by the terms and conditions of this License Agreement.

Jython 2.0, 2.1 License

Copyright © 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007 Jython Developers

All rights reserved.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

JPython 1.1.x Software License

1. This LICENSE AGREEMENT is between the Corporation for National Research Initiatives, having an office at 1895 Preston White Drive, Reston, VA 20191 ("CNRI"), and the Individual or Organization ("Licensee") accessing and using JPython version 1.1.x in source or binary form and its associated documentation as provided herein ("Software").

2. Subject to the terms and conditions of this License Agreement, CNRI hereby grants Licensee a non-exclusive, non-transferable, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use the Software alone or in any derivative version, provided, however, that CNRI's License Agreement and CNRI's notice of copyright, i.e., "Copyright ï¿¾1996-1999 Corporation for National Research Initiatives; All Rights Reserved" are both retained in the Software, alone or in any derivative version prepared by Licensee.

   Alternatively, in lieu of CNRI's License Agreement, Licensee may substitute the following text (omitting the quotes), provided, however, that such text is displayed prominently in the Software alone or in any derivative version prepared by Licensee: "JPython (Version 1.1.x) is made available subject to the terms and conditions in CNRI's License Agreement. This Agreement may be located on the Internet using the following unique, persistent identifier (known as a handle): 1895.22/1006. The License may also be obtained from a proxy server on the Web using the following URL: http://hdl.handle.net/1895.22/1006."

3. In the event Licensee prepares a derivative work that is based on or incorporates the Software or any part thereof, and wants to make the derivative work available to the public as provided herein, then Licensee hereby agrees to indicate in any such work, in a prominently visible way, the nature of the modifications made to CNRI's Software.

4. Licensee may not use CNRI trademarks or trade name, including JPython or CNRI, in a trademark sense to endorse or promote products or services of Licensee, or any third party. Licensee may use the mark JPython in connection with Licensee's derivative versions that are based on or incorporate the Software, but only in the form "JPython-based _____," or equivalent.

5. CNRI is making the Software available to Licensee on an "AS IS" basis.

   CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

6. CNRI SHALL NOT BE LIABLE TO LICENSEE OR OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF. SOME STATES DO NOT ALLOW THE LIMITATION OR EXCLUSION OF LIABILITY SO THE ABOVE DISCLAIMER MAY NOT APPLY TO LICENSEE.

7. This License Agreement may be terminated by CNRI (i) immediately upon written notice from CNRI of any material breach by the Licensee, if the nature of the breach is such that it cannot be promptly remedied; or (ii) sixty (60) days following notice from CNRI to Licensee of a material remediable breach, if Licensee has not remedied such breach within that sixty-day period.

Copyright © 1988, 2025, Oracle and/or its affiliates.

8. This License Agreement shall be governed by and interpreted in all respects by the law of the State of Virginia, excluding conflict of law provisions. Nothing in this Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between CNRI and Licensee.

9. By clicking on the "ACCEPT" button where indicated, or by installing, copying or otherwise using the Software, Licensee agrees to be bound by the terms and conditions of this License Agreement.

B. HISTORY OF THE SOFTWARE

JPython was created in late 1997 by Jim Hugunin. Jim was also the primary developer while he was at CNRI. In February 1999 Barry Warsaw took over as primary developer and released JPython version 1.1.

In October 2000 Barry helped move the software to SourceForge where it was renamed to Jython. Jython 2.0 and 2.1 were developed under the Jython specific license below.

From the 2.2 release on, Jython contributors have signed Python Software Foundation contributor agreements and releases are covered under the Python Software Foundation license version 2.

The standard library is covered by the Python Software Foundation license as well. See the Lib/LICENSE file for details.

The zxJDBC package was written by Brian Zimmer and originally licensed under the GNU Public License. The package is now covered by the Jython Software License.

The command line interpreter is covered by the Apache Software License. See the org/apache/LICENSE file for details.

See Apache License, Version 2.0.

Netscape LDAP License

The Netscape Public License Version 1.1 ("NPL") consists of the Mozilla Public License Version 1 with the following Amendments, including Exhibit A-Netscape Public License. Files identified with "Exhibit A-Netscape Public License" are governed by the Netscape Public License Version 1.1.

Additional Terms applicable to the Netscape Public License.

I. Effect.

These additional terms described in this Netscape Public License -- Amendments shall apply to the Mozilla Communicator client code and to all Covered Code under this License.

II. "Netscape's Branded Code" means Covered Code that Netscape distributes and/or permits others to distribute under one or more trademark(s) which are controlled by Netscape but which are not licensed for use under this License.

III. Netscape and logo.

This License does not grant any rights to use the trademarks "Netscape", the "Netscape N and horizon" logo or the "Netscape lighthouse" logo, "Netcenter", "Gecko", "Java" or "JavaScript", "Smart Browsing" even if such marks are included in the Original Code or Modifications.

IV. Inability to Comply Due to Contractual Obligation.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Prior to licensing the Original Code under this License, Netscape has licensed third party code for use in Netscape's Branded Code. To the extent that Netscape is limited contractually from making such third party code available under this License, Netscape may choose to reintegrate such code into Covered Code without being required to distribute such code in Source Code form, even if such code would otherwise be considered "Modifications" under this License.

V. Use of Modifications and Covered Code by Initial Developer.

V.1. In General.

The obligations of Section 3 apply to Netscape, except to the extent specified in this Amendment, Section V.2 and V.3.

V.2. Other Products.

Netscape may include Covered Code in products other than the Netscape's Branded Code which are released by Netscape during the two (2) years following the release date of the Original Code, without such additional products becoming subject to the terms of this License, and may license such additional products on different terms from those contained in this License.

V.3. Alternative Licensing.

Netscape may license the Source Code of Netscape's Branded Code, including Modifications incorporated therein, without such Netscape Branded Code becoming subject to the terms of this License, and may license such Netscape Branded Code on different terms from those contained in this License.

VI. Litigation.

Notwithstanding the limitations of Section 11 above, the provisions regarding litigation in Section 11(a), (b) and © of the License shall apply to all disputes relating to this License.

EXHIBIT A-Netscape Public License.

The contents of this file are subject to the Netscape Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at Link1 /

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is Mozilla Communicator client code, released March 31, 1998.

The Initial Developer of the Original Code is Netscape Communications Corporation. Portions created by Netscape are Copyright © 1998–1999 Netscape Communications Corporation.

All Rights Reserved.

Alternatively, the contents of this file may be used under the terms of the _____ license (the "[___] License"), in which case the provisions of [_____] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [____] License and not to allow others to use your version of this file under the NPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the [___] License. If you do not delete the provisions above, a recipient may use your version of this file under either the NPL or the [___] License.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Oasis WS-Security 1 XML Schema License

Oasis Software License

The software as described above and called "OASIS" is filed under no. IDDN.FR.001.130017.00.R.P.2000.000.20900. at the program protection Agency situated in Paris (119 Rue de Flandres, 75019 PARIS - France)

The CNES grants the licensee, be it a physical person or legal entity, a free non-exclusive license.

This license is established in French and English, the French version being the sole binding version.

The license is subject to French law.

In the event of a dispute, the latter will be presented before the Paris court that has jurisdiction.

TRANSFERRED RIGHTS

On this "OASIS" software available in source code accompanied by the instructions, the CNES grants the licensee the right to use, reproduce, translate, modify and adapt, and incorporate the software into another software.

For the initial version of the "OASIS" software or translations thereof, new versions or versions implying incorporation of the "OASIS" software into another software carried out by the licensee, the latter can redistribute them free of charge accompanied by the same rights as stipulated above, to the exclusion of all other rights. However, redistribution of the "OASIS" software by the licensee is authorised under the express understanding that the rights in the sub-licenses, in view of what belongs to the CNES in these translations or new versions, be transferred under the same conditions as those provided for in this license. It is understood that the licensee will himself obtain from the sub-licensees for the benefit of the CNES communication containing delivery of the source code and the corresponding instructions, of any improvements or new versions that they may have made. Delivery to the CNES of these improvements or new versions made by the sub-licensees authorizes the CNES to redistribute them under the same conditions as those provided for in this license.

It follows that the licensee, on the improvements or new versions made by himself or those made and communicated by his sub-licensees for which he himself will obtain the necessary transfer of rights, will grant the CNES free of charge and with no exclusive right, a right to use, reproduce, translate, modify and adapt, incorporate into another software and to redistribute free of charge or for a fee.

Likewise, the licensee will take charge of the terms of authentication for these sub-licenses.

Failure by the sub-licensees to comply with any one of the conditions stipulated at the transfer of rights will be subject, in the sub-licenses, to the same sanctions on the part of the licensee vis à vis his sub-licensees as those liable to be applied by the CNES to the licensee.

On the other hand, the initial version of the "OASIS" software or any one of the translations thereof or new versions cannot be sold by the licensee without prior written agreement from the CNES.

The rights such as they are stipulated above are granted to the licensee on the distinct understanding that:

§ It is essential to maintain the CNES copyright and the reference to this license that appears on each copy of the initial version of the "OASIS" software and the accompanying instructions but also on all the copies of each translation or new version or any software in which the "OASIS" software has been incorporated.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

§ The licensee will not use the "OASIS" software in any way that could damage the image of the CNES, notably its scientific and technical reputation.

§ That the licensee, in the event of redistribution of the "OASIS" software will ensure that the source code and the corresponding instructions are delivered.

§ That the licensee will return to the CNES, at the address indicated above, his agreement duly signed and dated concerning the terms of this license. In the event that the licensee fails to satisfy one of these first three conditions, the CNES could terminate this license without prior notice or indemnity of any kind. If the agreement concerning the terms of the license is not returned signed and dated, it does not and will not have existed.

§ The licensee also undertakes to communicate to the CNES as soon as possible any improvement or new version of the "OASIS" software which he has made which is not of a sensitive nature for the industrial and commercial activity of the CNES. The licensee authorizes the CNES to redistribute these improvements and new versions under the same conditions as those in this license with the exception of versions subject to a sales agreement from the CNES.

§ Furthermore, the CNES declares that the "OASIS" software was not designed or developed with a view to designing, building or servicing nuclear or medical installations.

Consequently the licensee undertakes not to use it to the ends put forward above and guarantees the CNES that neither he nor any third party to whom he may have redistributed the "OASIS" software will use it to these ends.

GUARANTEE

The licensee uses the "OASIS" software as supplied, on an "as is" basis, at his own risk, without any guarantee of any kind by the CNES. The CNES is under no obligation to correct the bugs or any deficiencies of any nature in the "OASIS" software.

Any guarantee, whatever the express or implicit conditions, any alleged marketing guarantee or guarantee against an action for infringement is excluded here. The CNES is not responsible for any damages sustained by the licensee that may result from the use, modification or distribution of the "OASIS" software or its derivative versions.

Similarly, the CNES is not responsible in any way for any loss of income, profit or data, or any direct or indirect damages liable to arise from using the software or because the latter is not operative, even if the CNES has been warned of the prospect of such damages.

In the event that the CNES has agreed for the licensee to market any version of the "OASIS" software, this agreement would give rise to special provisions.

By using the "OASIS" software, the user accepts the terms of the above license.

If you "click" now, this means that you accept all the conditions of this license.

Public Domain License

Public Domain License

License Note - The below OS component with same version is licensed under AOP Alliance License (Oracle, Acme Packet and Textura acquisitions) and Public Domain (Bitzer Mobile acquisition).

Copyright © 1988, 2025, Oracle and/or its affiliates.

The below information is from Bitzer Mobile acquisition:

The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below.

A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.

The below information is from Oracle, Acme Packet and Textura acquisitions:

URL for License – Unable to find URL for License.

The AOP Alliance project is a joint open-source project between several software engineering people who are interested in AOP and Java.

LICENCE: all the source code provided by AOP Alliance is Public Domain.

We believe that Aspect-Oriented Programming (AOP) offers a better solution to many problems than do existing technologies such as EJB. AOP Alliance intends to facilitate and standardize the use of AOP to enhance existing middleware environments (such as J2EE), or development environments (e.g. JBuilder, Eclipse). The AOP Alliance also aims to ensure interoperability between Java/J2EE AOP implementations to build a larger AOP community.

Serp License

Copyright (c) 2002, A. Abram White

All rights reserved.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS”, AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR

 Copyright © 1988, 2025, Oracle and/or its affiliates.

OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

xhtml License

Copyright © 2002 W3C.

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Chapter 6

Additional Java Information

Java SE 21 JDK Third-Party Notices and/or Licenses

Third-Party Notices and/or Licenses

Third-Party Notices and/or Licenses

Open Source or Other Separately Licensed Software

The required notices for open source or other separately licensed software products or components distributed in Oracle Java SE Products are identified in the following sections, along with the applicable licensing information. Additional notices and/or licenses may be found in the included documentation or readme files or markdown (.md) files of the individual third party software.

Third Party Notices on custom images

The JDK includes copies, in markdown format, of the third-party notices required by each module, under a subdirectory with the name of the module in the “legal” subdirectory. e.g. The third party notices for components used in the java.base module are listed under /legal/java.base. Using jlink to produce a custom runtime will also create a corresponding /legal directory in the custom runtime which will include only the subdirectories -and notices- from the list of modules in the custom runtime.

Third party components on Oracle JDK

* Module java.base

o Cryptix AES v3.2.0

o ASM Bytecode Manipulation Framework v9.3

o c-libutl 20160225

o Unicode Common Local Data Repository (CLDR) v43.0

o International Components for Unicode (ICU4J) v72.1

o Mozilla Public Suffix List

o The Unicode Standard, Unicode Character Database, Version 15.0.0

o Bert Belder: wepoll v 1.5.8 (Windows only)

o zlib v1.2.13 (Windows only) for JDK 21 to 21.0.3

o zlib v1.3.1 (Windows only) for JDK 21.0.4 and later

o SipHash v1.0-68c8a7c

Copyright © 1988, 2025, Oracle and/or its affiliates.

* Module java.desktop

o Eastman Kodak Company: Portions of color management and imaging software

o The FreeType Project: Freetype v2.13.0 (macOS and Windows only) for JDK 21 to 21.0.2

o The FreeType Project: Freetype v2.13.2 (macOS and Windows only) for JDK 21.0.3 and later

o GIFLIB v5.2.1 for JDK 21 to 21.0.4

o GIFLIB v5.2.2 for JDK 21.0.5 and later

o Harfbuzz v7.2 for JDK 21 to 21.0.1

o Harfbuzz v8.2.2 for JDK 21.0.2 and later

o Independent JPEG Group: JPEG release 6b

o Little Color Management System (LCMS) v2.15 for JDK 21 to 21.0.3

o Little Color Management System (LCMS) v2.16 for JDK 21.0.4 and later

o libpng v1.6.39 for JDK 21 to 21.0.1

o libpng v1.6.40 for JDK 21.0.2 to 21.0.4

o libpng v1.6.43 for JDK 21.0.5 and later

o Mesa 3-D Graphics Library v21.0.3

o PipeWire 0.3.68 (Linux and macOS only)

o xwd v1.0.7 (Linux only)

* Module java.smartcardio

o PC/SC Lite v1.9.9 (Linux and macOS only)

* Module java.xml.crypto

o Apache Santuario v3.0.2 for JDK 21 to 21.0.2

o Apache Santuario v3.0.3 for JDK 21.0.3 and later

* Module java.xml

o Apache Commons Byte Code Engineering Library (BCEL) Version 6.7.0

o DOM Level 3 Core Specification v1.0

o CUP Parser Generator for Java v 0.11b

o Apache Xalan v2.7.2 for JDK 21 to 21.0.2

o Apache Xalan v2.7.3 for JDK 21.0.3 and later

 Copyright © 1988, 2025, Oracle and/or its affiliates.

o Apache Xerces v2.12.2

* Module jdk.crypto.cryptoki

o OASIS PKCS #11 Cryptographic Token Interface v3.0

o IAIK (Institute for Applied Information Processing and Communication) PKCS#11 wrapper files v1

* Module jdk.dynalink

o Dynalink v.5

* Module jdk.internal.le

o JLine v3.22.0

* Module jdk.internal.opt

o jopt-simple v5.0.4

* Module jdk.javadoc

o DejaVu fonts v2.37

o jQuery v3.6.1 for JDK 21 to 21.0.4

o jQuery v3.7.1 for JDK 21.0.5 and later

o jQuery UI v1.13.2

* Module jdk.localedata

o Unicode Common Local Data Repository (CLDR) v43.0

o Thai Dictionary

Licensing Information

Apache Commons Byte Code Engineering Library (BCEL) Version 6.7.0

Apache Commons BCEL

Copyright 2004-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

This software is distributed under the terms of the Apache 2.0. License A copy of the License appears below

Apache Santuario v3.0.2 and v3.0.3

This software is distributed under the terms of the Apache 2.0. License A copy of the License appears below

Apache Santuario - XML Security for Java

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

It was originally based on software copyright (c) 2001, Institute for

Data Communications Systems, <http://www.nue.et-inf.uni-siegen.de/>.

The development of this software was partly funded by the European Commission in the <WebSig> project in the ISIS Programme.

This product contains software that is copyright (c) 2021, Oracle and/or its affiliates.

Apache Xalan v2.7.2 and v2.7.3

==========

========

== NOTICE file corresponding to the section 4d of the Apache License, Version 2.0, ==

== in this case for the Apache Xalan distribution. ==

==========

========

This product includes software developed by

The Apache Software Foundation (http://www.apache.org/).

Specifically, we only include the XSLTC portion of the source from the Xalan distribution. The Xalan project has two processors: an interpretive one (Xalan Interpretive) and a compiled one (The XSLT Compiler (XSLTC)). We *only* use the XSLTC part of Xalan; We use the source from the packages that are part of the XSLTC sources.

Portions of this software was originally based on the following:

- software copyright (c) 1999-2002, Lotus Development Corporation., http://www.lotus.com.

- software copyright (c) 2001-2002, Sun Microsystems., http://www.sun.com.

- software copyright (c) 2003, IBM Corporation., http://www.ibm.com.

- voluntary contributions made by Ovidiu Predescu (ovidiu@cup.hp.com) on behalf of the Apache Software Foundation and was originally developed at Hewlett Packard Company.

This software is distributed under the terms of the Apache 2.0. License A copy of the License appears below

JLEX COPYRIGHT NOTICE, LICENSE AND DISCLAIMER.

Copyright 1996-2003 by Elliot Joel Berk and C. Scott Ananian Permission to use, copy, modify, and distribute this software and

 Copyright © 1988, 2025, Oracle and/or its affiliates.

its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both the copyright notice and this permission notice and warranty disclaimer appear in supporting documentation, and that the name of

the authors or their employers not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

The authors and their employers disclaim all warranties with regard to this software, including all implied warranties of merchantability and fitness. In no event shall the authors or their employers be liable for

any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of

contract, negligence or other tortious action, arising out of or in connection with the use or performance of this software. The portions of JLex output which are hard-coded into the JLex source code are (naturally) covered by this same license.

Apache Xerces v2.12.2

==========

== NOTICE file corresponding to section 4(d) of the Apache License, ==

== Version 2.0, in this case for the Apache Xerces Java distribution. ==

==========

Apache Xerces Java

Copyright 1999-2022 The Apache Software Foundation This product includes software developed at

The Apache Software Foundation (http://www.apache.org/). Portions of this software were originally based on the following:

- software copyright (c) 1999, IBM Corporation., http://www.ibm.com.

- software copyright (c) 1999, Sun Microsystems., http://www.sun.com.

- voluntary contributions made by Paul Eng on behalf of the

Apache Software Foundation that were originally developed at iClick, Inc., software copyright (c) 1999.

This software is distributed under the terms of the Apache 2.0. License A copy of the License appears below

ASM Bytecode Manipulation Framework v9.3

Copyright (c) 2000-2011 INRIA, France Télécom All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF

THE POSSIBILITY OF SUCH DAMAGE.

c-libutl 20160225

(C) 2009 by Remo Dentato (rdentato@gmail.com)

This software is distributed under the terms of the BSD-2. License A copy of the License appears below

Cryptix AES v3.2.0

Cryptix General License

Copyright (c) 1995-2005 The Cryptix Foundation Limited. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE CRYPTIX FOUNDATION LIMITED AND CONTRIBUTORS ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE CRYPTIX FOUNDATION LIMITED OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR

BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE

OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Bert Belder: wepoll v 1.5.8

wepoll - epoll for Windows https://github.com/piscisaureus/wepoll

Copyright 2012-2020, Bert Belder <bertbelder@gmail.com> All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

CUP Parser Generator for Java v 0.11b

Copyright 1996-2015 by Scott Hudson, Frank Flannery, C. Scott Ananian, Michael Petter

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both

the copyright notice and this permission notice and warranty disclaimer appear in supporting documentation, and that the names of the authors or their employers not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

The authors and their employers disclaim all warranties with regard to this software, including all implied warranties of merchantability and fitness. In no event shall the authors or their employers be liable for

any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of

contract, negligence or other tortious action, arising out of or in connection with the use or performance of this software.

This is an open source license. It is also GPL-Compatible (see entry for

"Standard ML of New Jersey"). The portions of CUP output which are hard-coded into the CUP source code are (naturally) covered by this same license, as is

the CUP runtime code linked with the generated parser.

DejaVu fonts v2.37

Fonts are (c) Bitstream (see below). DejaVu changes are in public domain. Glyphs imported from Arev fonts are (c) Tavmjong Bah (see below)

Bitstream Vera Fonts Copyright

Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved. Bitstream Vera is a trademark of Bitstream, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of the fonts accompanying this license ("Fonts") and associated documentation files (the "Font Software"), to reproduce and distribute the Font Software, including without limitation the rights to use, copy, merge, publish, distribute, and/or sell copies of the Font Software, and to permit persons to whom the Font Software is furnished to do so, subject to the following conditions:

The above copyright and trademark notices and this permission notice shall be included in all copies of one or more of the Font Software typefaces.

The Font Software may be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may be modified and additional glyphs or characters may be added to the Fonts, only if the fonts

are renamed to names not containing either the words "Bitstream" or the word "Vera".

This License becomes null and void to the extent applicable to Fonts or Font Software that has been modified and is distributed under the "Bitstream Vera" names.

The Font Software may be sold as part of a larger software package but no copy of one or more of the Font Software typefaces may be sold by itself.

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL BITSTREAM OR THE GNOME FOUNDATION BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

Except as contained in this notice, the names of Gnome, the Gnome Foundation, and Bitstream Inc., shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Font Software

without prior written authorization from the Gnome Foundation or Bitstream Inc., respectively. For further information, contact: fonts at gnome dot

org.

Arev Fonts Copyright

Copyright (c) 2006 by Tavmjong Bah. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of the fonts accompanying this license ("Fonts") and associated documentation files (the "Font Software"), to reproduce and distribute the modifications to the Bitstream Vera Font Software, including without limitation the rights

 Copyright © 1988, 2025, Oracle and/or its affiliates.

to use, copy, merge, publish, distribute, and/or sell copies of the Font Software, and to permit persons to whom the Font Software is furnished to do so, subject to

the following conditions:

The above copyright and trademark notices and this permission notice shall be included in all copies of one or more of the Font Software typefaces.

The Font Software may be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may be modified and additional glyphs or characters may be added to the Fonts, only if the fonts are renamed to names not containing either the words "Tavmjong Bah" or the word "Arev".

This License becomes null and void to the extent applicable to Fonts or Font Software that has been modified and is distributed under the "Tavmjong Bah Arev" names.

The Font Software may be sold as part of a larger software package but no copy of one or more of the Font Software typefaces may be sold by itself.

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL TAVMJONG BAH BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

Except as contained in this notice, the name of Tavmjong Bah shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Font Software without prior written authorization

from Tavmjong Bah. For further information, contact: tavmjong @ free

. fr.

TeX Gyre DJV Math

Fonts are (c) Bitstream (see below). DejaVu changes are in public domain.

Math extensions done by B. Jackowski, P. Strzelczyk and P. Pianowski (on behalf of TeX users groups) are in public domain.

Letters imported from Euler Fraktur from AMSfonts are (c) American Mathematical Society (see below).

Bitstream Vera Fonts Copyright

Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved. Bitstream Vera is a trademark of Bitstream, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of the fonts accompanying this license ("Fonts") and associated documentation

Copyright © 1988, 2025, Oracle and/or its affiliates.

files (the "Font Software"), to reproduce and distribute the Font Software, including without limitation the rights to use, copy, merge, publish, distribute,

and/or sell copies of the Font Software, and to permit persons to whom the Font Software is furnished to do so, subject to the following conditions:

The above copyright and trademark notices and this permission notice shall be

included in all copies of one or more of the Font Software typefaces.

The Font Software may be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may be modified and additional

glyphs or characters may be added to the Fonts, only if the fonts are renamed

to names not containing either the words "Bitstream" or the word "Vera".

This License becomes null and void to the extent applicable to Fonts or Font Software

that has been modified and is distributed under the "Bitstream Vera" names.

The Font Software may be sold as part of a larger software package but no copy

of one or more of the Font Software typefaces may be sold by itself.

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL BITSTREAM OR THE GNOME FOUNDATION

BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION

OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE

THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

Except as contained in this notice, the names of GNOME, the GNOME Foundation,

and Bitstream Inc., shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Font Software without prior written authorization from the GNOME Foundation or Bitstream Inc., respectively. For further information, contact: fonts at gnome dot org.

AMSFonts (v. 2.2) copyright

The PostScript Type 1 implementation of the AMSFonts produced by and previously distributed by Blue Sky Research and Y&Y, Inc. are now freely available for general use. This has been accomplished through the cooperation

of a consortium of scientific publishers with Blue Sky Research and Y&Y. Members of this consortium include:

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Elsevier Science IBM Corporation Society for Industrial and Applied Mathematics (SIAM) Springer-Verlag American Mathematical Society (AMS)

In order to assure the authenticity of these fonts, copyright will be held by

the American Mathematical Society. This is not meant to restrict in any way the legitimate use of the fonts, such as (but not limited to) electronic distribution of documents containing these fonts, inclusion of these fonts into other public domain or commercial font collections or computer applications, use of the outline data to create derivative fonts and/or

faces, etc. However, the AMS does require that the AMS copyright notice be removed from any derivative versions of the fonts which have been altered in any way. In addition, to ensure the fidelity of TeX documents using Computer Modern fonts, Professor Donald Knuth, creator of the Computer Modern faces, has requested that any alterations which yield different font metrics be

given a different name.

DOM Level 3 Core Specification v1.0

W3C Software Notice

Copyright © 2004 World Wide Web Consortium, (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University).

All Rights Reserved.

The DOM bindings are published under the W3C Software Copyright Notice and License.

The software license requires "Notice of any changes or modifications to the W3C files, including the date changes were made." Consequently, modified versions of

the DOM bindings must document that they do not conform to the W3C standard; in the case of the IDL definitions, the pragma prefix can no longer be 'w3c.org'; in the

case of the Java language binding, the package names can no longer be in the 'org.w3c' package.

W3C License

W3C SOFTWARE NOTICE AND LICENSE

http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231

This work (and included software, documentation such as READMEs, or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee)

agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications:

1. The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

2. Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software Short Notice should be included (hypertext is preferred, text is permitted) within the body of any redistributed or derivative code.

3. Notice of any changes or modifications to the files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR

PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS,COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR

DOCUMENTATION. The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific,

written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

This formulation of W3C's notice and license became active on December 31 2002. This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific

dated version of the license, and removes the ambiguous grant of "use".

Otherwise, this version is the same as the previous version and is written so

as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition. Please see our Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to

site-policy@w3.org.

Dynalink v.5

Copyright (c) 2009-2013, Attila Szegedi

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of the copyright holder nor the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED

TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR

BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Eastman Kodak Company: Portions of color management and imaging software

Portions Copyright Eastman Kodak Company 1991-2003

GIFLIB v5.2.1

The GIFLIB distribution is Copyright (c) 1997 Eric S. Raymond

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

https://sourceforge.net/p/giflib/code/ci/master/tree/openbsd-reallocarray.c Copyright (c) 2008 Otto Moerbeek <otto@drijf.net>

SPDX-License-Identifier: MIT

GIFLIB v5.2.2

The GIFLIB distribution is Copyright (c) 1997 Eric S. Raymond

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

tree/README

== Authors ==

Gershon Elber <gershon[AT]cs.technion.sc.il> original giflib code

Toshio Kuratomi <toshio[AT]tiki-lounge.com> uncompressed gif writing code

former maintainer

Eric Raymond <esr[AT]snark.thyrsus.com>

current as well as long time former maintainer of giflib code

There have been many other contributors; see the attributions in the version-control history to learn more.

tree/openbsd-reallocarray.c

Copyright (C) 2008 Otto Moerbeek <otto@drijf.net> SPDX-License-Identifier: MIT

Harfbuzz v7.2

https://github.com/harfbuzz/harfbuzz/blob/7.2.0/COPYING

HarfBuzz is licensed under the so-called "Old MIT" license. Details follow. For parts of HarfBuzz that are licensed under different licenses see individual files names COPYING in subdirectories where applicable.

Copyright © 2010-2023 Google, Inc. Copyright © 2018-2020 Ebrahim Byagowi Copyright © 2004-2013 Red Hat, Inc.

Copyright © 2019 Facebook, Inc. Copyright © 2007 Chris Wilson Copyright © 2018-2019 Adobe Inc. Copyright © 2006-2023 Behdad Esfahbod

Copyright © 1998-2004 David Turner and Werner Lemberg Copyright © 2009 Keith Stribley

Copyright © 2018-2021 Khaled Hosny

Copyright © 2016 Elie Roux Copyright © 2016 Igalia S.L.

Copyright © 2015 Mozilla Foundation. Copyright © 1999 David Turner Copyright © 2005 Werner Lemberg

Copyright © 2013-2015 Alexei Podtelezhnikov Copyright © 2022 Matthias Clasen

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright © 2011 Codethink Limited

For full copyright notices consult the individual files in the package.

Permission is hereby granted, without written agreement and without license or royalty fees, to use, copy, modify, and distribute this software and its documentation for any purpose, provided that the above copyright notice and the following two paragraphs appear in

all copies of this software.

IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF THE COPYRIGHT HOLDER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE COPYRIGHT HOLDER SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE COPYRIGHT HOLDER HAS NO OBLIGATION TO

PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

All source code, except for one section, is licensed as above. The one exception is licensed with a slightly different MIT variant:

The contents of this directory are licensed under the following terms:

The below license applies to the following files:

libharfbuzz/hb-ucd.cc

Copyright (C) 2012 Grigori Goronzy

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES

WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

AUTHORS File Information

```

Behdad Esfahbod David Corbett David Turner Ebrahim Byagowi Garret Rieger Jonathan Kew Khaled Hosny Lars Knoll

Martin Hosken Owen Taylor Roderick Sheeter Roozbeh Pournader Simon Hausmann Werner Lemberg

Harfbuzz v8.2.2
```

HarfBuzz is licensed under the so-called "Old MIT" license. Details follow. For parts of HarfBuzz that are licensed under different licenses see individual files names COPYING in subdirectories where applicable.

Copyright © 2010-2023 Google, Inc. Copyright © 2018-2020 Ebrahim Byagowi Copyright © 2004-2013 Red Hat, Inc.

Copyright © 2019 Facebook, Inc.

Copyright (C) 2012 Zilong Tan (eric.zltan@gmail.com) Copyright © 2007 Chris Wilson

Copyright © 2018-2019 Adobe Inc. Copyright © 2006-2023 Behdad Esfahbod

Copyright © 1998-2004 David Turner and Werner Lemberg Copyright © 2009 Keith Stribley

Copyright © 2018 Khaled Hosny

Copyright © 2016 Elie Roux <elie.roux@telecom-bretagne.eu> Copyright © 2016 Igalia S.L.

Copyright © 2015 Mozilla Foundation. Copyright © 1999 David Turner Copyright © 2005 Werner Lemberg

Copyright © 2013-2015 Alexei Podtelezhnikov Copyright © 2022 Matthias Clasen

Copyright © 2011 Codethink Limited

For full copyright notices consult the individual files in the package.

Permission is hereby granted, without written agreement and without license or royalty fees, to use, copy, modify, and distribute this software and its documentation for any purpose, provided that the above copyright notice and the following two paragraphs appear in

all copies of this software.

IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF THE COPYRIGHT HOLDER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE COPYRIGHT HOLDER SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE COPYRIGHT HOLDER HAS NO OBLIGATION TO

PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

All source code, except for one section, is licensed as above. The one exception is licensed with a slightly different MIT variant:

The contents of this directory are licensed under the following terms:

The below license applies to the following files:

libharfbuzz/hb-ucd.cc

Copyright (C) 2012 Grigori Goronzy <greg@kinoho.net>

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

The below license applies to the following files: libharfbuzz/hb-unicode-emoji-table.hh

© 2023 Unicode®, Inc.

Unicode and the Unicode Logo are registered trademarks of Unicode, Inc. in the U.S. and other countries.

For terms of use, see https://www.unicode.org/terms_of_use.html

AUTHORS File Information

```

Behdad Esfahbod David Corbett David Turner Ebrahim Byagowi Garret Rieger Jonathan Kew Khaled Hosny Lars Knoll

Martin Hosken Owen Taylor Roderick Sheeter Roozbeh Pournader Simon Hausmann Werner Lemberg

IAIK (Institute for Applied Information Processing and Communication) PKCS#11 wrapper files v1

Copyright (c) 2002 Graz University of Technology. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by IAIK of Graz University of Technology."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The names "Graz University of Technology" and "IAIK of Graz University of Technology" must not be used to endorse or promote products derived from this software without prior written permission.

5. Products derived from this software may not be called "IAIK PKCS Wrapper", nor may "IAIK" appear in their name, without prior written permission of Graz University of Technology.
```

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE LICENSOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY,

OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Independent JPEG Group: JPEG release 6b

Copyright (C) 1991-1998, Thomas G. Lane.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi,

Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or

fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane. All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed,

then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original

files must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the

Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived

 Copyright © 1988, 2025, Oracle and/or its affiliates.

from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are

no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to

produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all

standard GIF decoders.

We are required to state that "The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

International Components for Unicode (ICU4J) v72.1

COPYRIGHT AND PERMISSION NOTICE (ICU 58 and later)

Copyright © 1991-2022 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation

(the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software

without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of

the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either

(a) this copyright and permission notice appear with all copies of the Data Files or Software, or

(b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,

DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

Third-Party Software Licenses

This section contains third-party software notices and/or additional terms for licensed third-party software components included within ICU libraries.

1. ICU License - ICU 1.8.1 to ICU 57.1 COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2016 International Business Machines Corporation and others All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF

MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY

SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

All trademarks and registered trademarks mentioned herein are the property of their respective owners.

2. Chinese/Japanese Word Break Dictionary Data (cjdict.txt)

The Google Chrome software developed by Google is licensed under # the BSD license. Other software included in this distribution is

provided under other licenses, as set forth below.

The BSD License

 Copyright © 1988, 2025, Oracle and/or its affiliates.

http://opensource.org/licenses/bsd-license.php # Copyright (C) 2006-2008, Google Inc.

#

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, # this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above # copyright notice, this list of conditions and the following

disclaimer in the documentation and/or other materials provided with # the distribution.

Neither the name of Google Inc. nor the names of its

contributors may be used to endorse or promote products derived from # this software without specific prior written permission.

# #

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND

CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, # INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE # LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF # SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR

BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF

LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING

NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS # SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

# #

The word list in cjdict.txt are generated by combining three word lists # listed below with further processing for compound word breaking. The # frequency is generated with an iterative training against Google web

corpora.

* Libtabe (Chinese)

- https://sourceforge.net/project/?group_id=1519 # - Its license terms and conditions are shown below.

Copyright © 1988, 2025, Oracle and/or its affiliates.

* IPADIC (Japanese)

- http://chasen.aist-nara.ac.jp/chasen/distribution.html # - Its license terms and conditions are shown below.

#

---------COPYING.libtabe ---- BEGIN----------

/*

* Copyright (c) 1999 TaBE Project.

* Copyright (c) 1999 Pai-Hsiang Hsiao.

* All rights reserved. # *

* Redistribution and use in source and binary forms, with or without # * modification, are permitted provided that the following conditions # * are met:

*

* . Redistributions of source code must retain the above copyright # * notice, this list of conditions and the following disclaimer.

* . Redistributions in binary form must reproduce the above copyright # * notice, this list of conditions and the following disclaimer in

* the documentation and/or other materials provided with the # * distribution.

* . Neither the name of the TaBE Project nor the names of its

* contributors may be used to endorse or promote products derived # * from this software without specific prior written permission.

*

* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS # * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS # * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE

* REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, # * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

* (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR # * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, # * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED # * OF THE POSSIBILITY OF SUCH DAMAGE.

*/

 Copyright © 1988, 2025, Oracle and/or its affiliates.

/*

* Copyright (c) 1999 Computer Systems and Communication Lab, # * Institute of Information Science, Academia

* Sinica. All rights reserved. # *

* Redistribution and use in source and binary forms, with or without # * modification, are permitted provided that the following conditions # * are met:

*

* . Redistributions of source code must retain the above copyright # * notice, this list of conditions and the following disclaimer.

* . Redistributions in binary form must reproduce the above copyright # * notice, this list of conditions and the following disclaimer in

* the documentation and/or other materials provided with the # * distribution.

* . Neither the name of the Computer Systems and Communication Lab # * nor the names of its contributors may be used to endorse or

* promote products derived from this software without specific # * prior written permission.

*

* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS # * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS # * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE

* REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, # * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

* (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR # * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, # * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED # * OF THE POSSIBILITY OF SUCH DAMAGE.

*/

Copyright 1996 Chih-Hao Tsai @ Beckman Institute, # University of Illinois

c-tsai4@uiuc.edu http://casper.beckman.uiuc.edu/~c-tsai4

COPYING.libtabe END

#

COPYING.ipadic BEGIN

Copyright 2000, 2001, 2002, 2003 Nara Institute of Science # and Technology. All Rights Reserved.

#

Use, reproduction, and distribution of this software is permitted.

Any copy of this software, whether in its original form or modified, # must include both the above copyright notice and the following

paragraphs.

Nara Institute of Science and Technology (NAIST),

the copyright holders, disclaims all warranties with regard to this # software, including all implied warranties of merchantability and # fitness, in no event shall NAIST be liable for

any special, indirect or consequential damages or any damages

whatsoever resulting from loss of use, data or profits, whether in an # action of contract, negligence or other tortuous action, arising out

of or in connection with the use or performance of this software. #

A large portion of the dictionary entries

originate from ICOT Free Software. The following conditions for ICOT # Free Software applies to the current dictionary as well.

#

Each User may also freely distribute the Program, whether in its # original form or modified, to any third party or parties, PROVIDED

that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear # on, or be attached to, the Program, which is distributed substantially

in the same form as set out herein and that such intended

distribution, if actually made, will neither violate or otherwise

contravene any of the laws and regulations of the countries having # jurisdiction over the User or the intended distribution itself.

#

NO WARRANTY

The program was produced on an experimental basis in the course of the # research and development conducted during the project and is provided # to users as so produced on an experimental basis. Accordingly, the

program is provided without any warranty whatsoever, whether express, # implied, statutory or otherwise. The term "warranty" used herein

includes, but is not limited to, any warranty of the quality,

 Copyright © 1988, 2025, Oracle and/or its affiliates.

performance, merchantability and fitness for a particular purpose of # the program and the nonexistence of any infringement or violation of # any right of any third party.

#

Each user of the program will agree and understand, and be deemed to # have agreed and understood, that there is no warranty whatsoever for # the program and, accordingly, the entire risk arising from or

otherwise connected with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other

organization that participated in or was otherwise related to the

development of the program and their respective officials, directors, # officers and other employees shall be held liable for any and all

damages, including, without limitation, general, special, incidental

and consequential damages, arising out of or otherwise in connection # with the use or inability to use the program or any product, material # or result produced or otherwise obtained by using the program,

regardless of whether they have been advised of, or otherwise had # knowledge of, the possibility of such damages at any time during the

project or thereafter. Each user will be deemed to have agreed to the

foregoing by his or her commencement of use of the program. The term # "use" as used herein includes, but is not limited to, the use,

modification, copying and distribution of the program and the # production of secondary products from the program.

#

In the case where the program, whether in its original form or

modified, was distributed or delivered to or received by a user from

any person, organization or entity other than ICOT, unless it makes or # grants independently of ICOT any specific warranty to the user in

writing, such person, organization or entity, will also be exempted

from and not be held liable to the user for any such damages as noted # above as far as the program is concerned.

#

COPYING.ipadic END

3. Lao Word Break Dictionary Data (laodict.txt)

Copyright (C) 2016 and later: Unicode, Inc. and others.

License & terms of use: http://www.unicode.org/copyright.html # Copyright (c) 2015 International Business Machines Corporation # and others. All Rights Reserved.

Copyright © 1988, 2025, Oracle and/or its affiliates.

#

Project: https://github.com/rober42539/lao-dictionary

Dictionary: https://github.com/rober42539/lao-dictionary/laodict.txt # License: https://github.com/rober42539/lao-dictionary/LICENSE.txt # (copied below)

#

This file is derived from the above dictionary version of Nov 22, 2020

Copyright (C) 2013 Brian Eugene Wilson, Robert Martin Campbell. # All rights reserved.

#

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this # list of conditions and the following disclaimer. Redistributions in binary

form must reproduce the above copyright notice, this list of conditions and # the following disclaimer in the documentation and/or their materials

provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS # "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS # FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE

COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,

INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES # (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR # SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, # STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED # OF THE POSSIBILITY OF SUCH DAMAGE.

#

4. Burmese Word Break Dictionary Data (burmesedict.txt)

Copyright (c) 2014 International Business Machines Corporation # and others. All Rights Reserved.

#

This list is part of a project hosted at:

github.com/kanyawtech/myanmar-karen-word-lists

 Copyright © 1988, 2025, Oracle and/or its affiliates.

#

Copyright (c) 2013, LeRoy Benjamin Sharon # All rights reserved.

#

Redistribution and use in source and binary forms, with or without # modification, are permitted provided that the following conditions # are met: Redistributions of source code must retain the above

copyright notice, this list of conditions and the following

disclaimer. Redistributions in binary form must reproduce the # above copyright notice, this list of conditions and the following

disclaimer in the documentation and/or other materials provided # with the distribution.

#

Neither the name Myanmar Karen Word Lists, nor the names of its # contributors may be used to endorse or promote products derived # from this software without specific prior written permission.

#

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND

CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, # INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS # BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED # TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON # ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR

TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF # THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

SUCH DAMAGE.

5. Time Zone Database

ICU uses the public domain data and code derived from Time Zone Database for its time zone support. The ownership of the TZ database is explained in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

7. Database Ownership

The TZ database itself is not an IETF Contribution or an IETF

document. Rather it is a pre-existing and regularly updated work # that is in the public domain, and is intended to remain in the

Copyright © 1988, 2025, Oracle and/or its affiliates.

public domain. Therefore, BCPs 78 [RFC5378] and 79 [RFC3979] do # not apply to the TZ Database or contributions that individuals make # to it. Should any claims be made and substantiated against the TZ # Database, the organization that is providing the IANA

Considerations defined in this RFC, under the memorandum of

understanding with the IETF, currently ICANN, may act in accordance # with all competent court orders. No ownership claims will be made # by ICANN or the IETF Trust on the database or the code. Any person # making a contribution to the database or code waives all rights to

future claims in that contribution or in the TZ Database.

6. Google double-conversion

Copyright 2006-2011, the V8 project authors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Google Inc. nor the names of its

contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==========

Unicode® Copyright and Terms of Use

For the general privacy policy governing access to this site, see the Unicode Privacy Policy.

Unicode Copyright

Copyright © 1991-2022 Unicode, Inc. All rights reserved. Definitions

Unicode Data Files ("DATA FILES") include all data files under the directories: https://www.unicode.org/Public/

https://www.unicode.org/reports/ https://www.unicode.org/ivd/data/

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Unicode Data Files do not include PDF online code charts under the directory: https://www.unicode.org/Public/

Unicode Software ("SOFTWARE") includes any source code published in the Unicode Standard or any source code or compiled code under the directories: https://www.unicode.org/Public/PROGRAMS/

https://www.unicode.org/Public/cldr/ http://site.icu-project.org/download/ Terms of Use

Certain documents and files on this website contain a legend indicating that "Modification is permitted." Any person is hereby authorized, without fee, to modify such documents and files to create derivative works conforming to the Unicode® Standard, subject to Terms and Conditions herein.

Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files, subject to the Terms and Conditions herein.

Further specifications of rights and restrictions pertaining to the use of the Unicode DATA FILES and SOFTWARE can be found in the Unicode Data Files and Software License.

Each version of the Unicode Standard has further specifications of rights and restrictions of use. For the book editions (Unicode 5.0 and earlier), these are found on the back of the title page.

The Unicode PDF online code charts carry specific restrictions. Those restrictions are incorporated as the first page of each PDF code chart.

All other files, including online documentation of the core specification for Unicode 6.0 and later, are covered under these general Terms of Use.

No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.

Modification is not permitted with respect to this document. All copies of this document must be verbatim.

Restricted Rights Legend

Any technical data or software which is licensed to the United States of America, its agencies and/or instrumentalities under this Agreement is commercial technical data or commercial computer software developed exclusively at private expense as defined in FAR 2.101, or DFARS 252.227-7014 (June 1995), as applicable. For technical data, use, duplication, or disclosure by the Government is subject to restrictions as set forth in DFARS 202.227-7015 Technical Data, Commercial and Items (Nov 1995) and this Agreement. For Software, in accordance with FAR 12-212 or DFARS 227-7202, as applicable, use, duplication or disclosure by the Government is subject to the restrictions set forth in this Agreement.

Warranties and Disclaimers

This publication and/or website may include technical or typographical errors or other inaccuracies. Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication and/or website. Unicode, Inc. may make improvements and/or changes in the product(s) and/or program(s) described in this publication and/or website at any time.

If this file has been purchased on magnetic or optical media from Unicode, Inc. the sole and exclusive remedy for any claim will be exchange of the defective media within ninety (90) days of original purchase.

Copyright © 1988, 2025, Oracle and/or its affiliates.

EXCEPT AS PROVIDED IN SECTION E.2, THIS PUBLICATION AND/OR SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EITHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. UNICODE, INC. AND ITS LICENSORS ASSUME NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THIS PUBLICATION AND/OR SOFTWARE OR OTHER DOCUMENTS WHICH ARE REFERENCED BY OR LINKED TO THIS PUBLICATION OR THE UNICODE WEBSITE.

Waiver of Damages

In no event shall Unicode, Inc. or its licensors be liable for any special, incidental, indirect or consequential damages of any kind, or any damages whatsoever, whether or not Unicode, Inc. was advised of the possibility of the damage, including, without limitation, those resulting from the following: loss of use, data or profits, in connection with the use, modification or distribution of this information or its derivatives.

Trademarks & Logos

The Unicode Word Mark and the Unicode Logo are trademarks of Unicode, Inc. “The Unicode Consortium” and “Unicode, Inc.” are trade names of Unicode, Inc. Use of the information and materials found on this website indicates your acknowledgement of Unicode, Inc.’s exclusive worldwide rights in the Unicode Word Mark, the Unicode Logo, and the Unicode trade names. The Unicode Consortium Name and Trademark Usage Policy (“Trademark Policy”) are incorporated herein by reference and you agree to abide by the provisions of the Trademark Policy, which may be changed from time to time in the sole discretion of Unicode, Inc.

All third party trademarks referenced herein are the property of their respective owners. Miscellaneous

Jurisdiction and Venue. This website is operated from a location in the State of California, United States of America. Unicode, Inc. makes no representation that the materials are appropriate for use in other locations. If you access this website from other locations, you are responsible for compliance with local laws. This Agreement, all use of this website and any claims and damages resulting from use of this website are governed solely by the laws of the State of California without regard to any principles which would apply the laws of a different jurisdiction. The user agrees that any disputes regarding this website shall be resolved solely in the courts located in Santa Clara County, California. The user agrees said courts have personal jurisdiction and agree to waive any right to transfer the dispute to any other forum.

Modification by Unicode, Inc. Unicode, Inc. shall have the right to modify this Agreement at any time by posting it to this website. The user may not assign any part of this Agreement without Unicode, Inc.’s prior written consent.

Taxes. The user agrees to pay any taxes arising from access to this website or use of the information herein, except for those based on Unicode’s net income.

Severability. If any provision of this Agreement is declared invalid or unenforceable, the remaining provisions of this Agreement shall remain in effect.

Entire Agreement. This Agreement constitutes the entire agreement between the parties.

========== UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

See Terms of Use

 Copyright © 1988, 2025, Oracle and/or its affiliates.

for definitions of Unicode Inc.’s Data Files and Software.

NOTICE TO USER: Carefully read the following legal agreement.

BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"),

YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT.

IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2022 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation

(the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software

without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of

the Data Files or Software, and to permit persons to whom the Data Files

or Software are furnished to do so, provided that either

(a) this copyright and permission notice appear with all copies of the Data Files or Software, or

(b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,

DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

JLine v3.22.0

Copyright (c) 2002-2018, the original author or authors. All rights reserved.

This software is distributed under the terms of the BSD-3 License A copy of the License appears below

jopt-simple v5.0.4

Copyright (c) 2004-2015 Paul R. Holser, Jr.

This software is distributed under the terms of the MIT License A copy of the License appears below

jQuery v3.6.1

Copyright JS Foundation and other contributors, https://js.foundation/

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish,

distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION

OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

****

The jQuery JavaScript Library v3.6.1 also includes Sizzle.js Sizzle.js includes the following license:

Copyright JS Foundation and other contributors, https://js.foundation/

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at https://github.com/jquery/sizzle

The following license applies to all parts of this software except as documented below:

====

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF

 Copyright © 1988, 2025, Oracle and/or its affiliates.

MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION

OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

All files located in the node_modules and external directories are externally maintained libraries used by this software which have their

own licenses; we recommend you read them, as their terms may differ from the terms above.

jQuery v3.7.1

Copyright OpenJS Foundation and other contributors, https://openjsf.org/

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION

OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

jQuery UI v1.13.2

Copyright jQuery Foundation and other contributors, https://jquery.org/

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at https://github.com/jquery/jquery-ui

The following license applies to all parts of this software except as documented below:

====

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

Copyright © 1988, 2025, Oracle and/or its affiliates.

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION

OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

Copyright and related rights for sample code are waived via CC0. Sample code is defined as all source code contained within the demos directory.

CC0: http://creativecommons.org/publicdomain/zero/1.0/

====

All files located in the node_modules and external directories are externally maintained libraries used by this software which have their

own licenses; we recommend you read them, as their terms may differ from the terms above.

libpng v1.6.39

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE

==========

PNG Reference Library License version 2

* Copyright (c) 1995-2022 The PNG Reference Library Authors.

* Copyright (c) 2018-2022 Cosmin Truta.

* Copyright (c) 1998-2018 Glenn Randers-Pehrson.

* Copyright (c) 1996-1997 Andreas Dilger.

* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you

 Copyright © 1988, 2025, Oracle and/or its affiliates.

use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35) libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are

Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux Eric S. Raymond Mans Rullgard Cosmin Truta

Gilles Vollant James Yu

Mandar Sahastrabuddhe Google Inc.

Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes

or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the

list of Contributing Authors:

Tom Lane

Glenn Randers-Pehrson Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler Kevin Bracey Sam Bushell

Magnus Holmgren Greg Roelofs

Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license.

Copyright © 1988, 2025, Oracle and/or its affiliates.

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors"

is defined as the following set of individuals:

Andreas Dilger Dave Martindale Guy Eric Schalnat Paul Schmidt Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use

this source code in a product, acknowledgment is not required but would be appreciated.

TRADEMARK

=========

The name "libpng" has not been registered by the Copyright owners as a trademark in any jurisdiction. However, because libpng has been distributed and maintained world-wide, continually since 1995,

the Copyright owners claim "common-law trademark protection" in any jurisdiction where common-law trademark is recognized.

AUTHORS File Information

PNG REFERENCE LIBRARY AUTHORS

==============================

This is the list of PNG Reference Library ("libpng") Contributing Authors, for copyright and licensing purposes.

* Andreas Dilger

* Cosmin Truta

* Dave Martindale

* Eric S. Raymond

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* Gilles Vollant

* Glenn Randers-Pehrson

* Greg Roelofs

* Guy Eric Schalnat

* James Yu

* John Bowler

* Kevin Bracey

* Magnus Holmgren

* Mandar Sahastrabuddhe

* Mans Rullgard

* Matt Sarett

* Mike Klein

* Pascal Massimino

* Paul Schmidt

* Qiang Zhou

* Sam Bushell

* Samuel Williams

* Simon-Pierre Cadieux

* Tim Wegner

* Tom Lane

* Tom Tanner

* Vadim Barkov

* Willem van Schaik

* Zhijie Liang

* Arm Holdings

- Richard Townsend

* Google Inc.

- Matt Sarett

- Mike Klein

Copyright © 1988, 2025, Oracle and/or its affiliates.

- Dan Field

- Sami Boukortt

The build projects, the build scripts, the test scripts, and other files in the "ci", "projects", "scripts" and "tests" directories, have other copyright owners, but are released under the libpng license.

Some files in the "contrib" directory, and some tools-generated files that are distributed with libpng, have other copyright owners, and are released under other open source licenses.

libpng v1.6.40

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE

==========

PNG Reference Library License version 2

Copyright (c) 1995-2023 The PNG Reference Library Authors. Copyright (c) 2018-2023 Cosmin Truta

Copyright (c) 1998-2018 Glenn Randers-Pehrson Copyright (c) 1996-1997 Andreas Dilger

Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you

use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are

Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux Eric S. Raymond Mans Rullgard Cosmin Truta

Gilles Vollant James Yu

Mandar Sahastrabuddhe Google Inc.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes

or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the

list of Contributing Authors:

Tom Lane

Glenn Randers-Pehrson Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of

Contributing Authors:

John Bowler Kevin Bracey Sam Bushell

Magnus Holmgren Greg Roelofs

Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger Dave Martindale Guy Eric Schalnat Paul Schmidt Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.

Copyright © 1988, 2025, Oracle and/or its affiliates.

2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use

this source code in a product, acknowledgment is not required but would be appreciated.

TRADEMARK

=========

The name "libpng" has not been registered by the Copyright owners as a trademark in any jurisdiction. However, because libpng has been distributed and maintained world-wide, continually since 1995,

the Copyright owners claim "common-law trademark protection" in any jurisdiction where common-law trademark is recognized.

</pre>

AUTHORS File Information

```

PNG REFERENCE LIBRARY AUTHORS

============================

This is the list of PNG Reference Library ("libpng") Contributing Authors, for copyright and licensing purposes.

* Andreas Dilger

* Cosmin Truta

* Dave Martindale

* Eric S. Raymond

* Gilles Vollant

* Glenn Randers-Pehrson

* Greg Roelofs

* Guy Eric Schalnat

* James Yu

* John Bowler

* Kevin Bracey

* Magnus Holmgren

* Mandar Sahastrabuddhe

 Copyright © 1988, 2025, Oracle and/or its affiliates.
```

* Mans Rullgard

* Matt Sarett

* Mike Klein

* Pascal Massimino

* Paul Schmidt

* Philippe Antoine

* Qiang Zhou

* Sam Bushell

* Samuel Williams

* Simon-Pierre Cadieux

* Tim Wegner

* Tom Lane

* Tom Tanner

* Vadim Barkov

* Willem van Schaik

* Zhijie Liang

* Arm Holdings

- Richard Townsend

* Google Inc.

- Dan Field

- Leon Scroggins III

- Matt Sarett

- Mike Klein

- Sami Boukortt

- Wan-Teh Chang

The build projects, the build scripts, the test scripts, and other files in the "ci", "projects", "scripts" and "tests" directories, have other copyright owners, but are released under the libpng license.

Some files in the "contrib" directory, and some tools-generated files that are distributed with libpng, have other copyright owners, and are released under other open source licenses.

libpng v1.6.43

Copyright © 1988, 2025, Oracle and/or its affiliates.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE

==========

PNG Reference Library License version 2

Copyright (C) 1995-2024 The PNG Reference Library Authors. Copyright (C) 2018-2024 Cosmin Truta

Copyright (C) 1998-2018 Glenn Randers-Pehrson Copyright (C) 1996-1997 Andreas Dilger

Copyright (C) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or

other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you

use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35) libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are

Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux Eric S. Raymond Mans Rullgard Cosmin Truta

Gilles Vollant James Yu

Mandar Sahastrabuddhe Google Inc.

Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes

or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the

list of Contributing Authors:

Tom Lane

Glenn Randers-Pehrson Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler Kevin Bracey Sam Bushell

Magnus Holmgren Greg Roelofs

Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger Dave Martindale Guy Eric Schalnat Paul Schmidt Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use

this source code in a product, acknowledgment is not required but would be appreciated.

TRADEMARK

Copyright © 1988, 2025, Oracle and/or its affiliates.

==========

The name "libpng" has not been registered by the Copyright owners as a trademark in any jurisdiction. However, because libpng has been distributed and maintained world-wide, continually since 1995,

the Copyright owners claim "common-law trademark protection" in any jurisdiction where common-law trademark is recognized.

AUTHORS File Information

PNG REFERENCE LIBRARY AUTHORS

==============================

This is the list of PNG Reference Library ("libpng") Contributing Authors, for copyright and licensing purposes.

* Adam Richter

* Andreas Dilger

* Chris Blume

* Cosmin Truta

* Dave Martindale

* Eric S. Raymond

* Gilles Vollant

* Glenn Randers-Pehrson

* Greg Roelofs

* Guy Eric Schalnat

* James Yu

* John Bowler

* Kevin Bracey

* Magnus Holmgren

* Mandar Sahastrabuddhe

* Mans Rullgard

* Matt Sarett

* Mike Klein

* Pascal Massimino

* Paul Schmidt

* Philippe Antoine

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* Qiang Zhou

* Sam Bushell

* Samuel Williams

* Simon-Pierre Cadieux

* Tim Wegner

* Tom Lane

* Tom Tanner

* Vadim Barkov

* Willem van Schaik

* Zhijie Liang

* Apple Inc.

- Zixu Wang (???)

* Arm Holdings

- Richard Townsend

* Google Inc.

- Dan Field

- Leon Scroggins III

- Matt Sarett

- Mike Klein

- Sami Boukortt

- Wan-Teh Chang

* Loongson Technology Corporation Ltd.

- GuXiWei (???)

- JinBo (??)

- ZhangLixia (???)

The build projects, the build scripts, the test scripts, and other files in the "projects", "scripts" and "tests" directories, have

other copyright owners, but are released under the libpng license.

Some files in the "ci" and "contrib" directories, as well as some of the tools-generated files that are distributed with libpng, have

Copyright © 1988, 2025, Oracle and/or its affiliates.

other copyright owners, and are released under other open source licenses.

Little Color Management System (LCMS) v2.15 and v2.16

Little Color Management System

Copyright (c) 1998-2023 Marti Maria Saguer

Permission is hereby granted, free of charge, to any person obtaining

a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation

the rights to use, copy, modify, merge, publish, distribute, sublicense,

and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO

THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION

OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The below license applies to the following files: liblcms/cmssm.c

Copyright 2001, softSurfer (www.softsurfer.com)

This code may be freely used and modified for any purpose providing that this copyright notice is included with it.

SoftSurfer makes no warranty for this code, and cannot be held liable for any real or imagined damage resulting from its use.

Users of this code must verify correctness for their application.

AUTHORS File Information Main Author

Marti Maria

Contributors Bob Friesenhahn

Kai-Uwe Behrmann Stuart Nixon

Jordi Vilar Richard Hughes Auke Nauta

Chris Evans (Google) Lorenzo Ridolfi Robin Watts (Artifex) Shawn Pedersen Andrew Brygin Samuli Suominen Florian Hˆch Aurelien Jarno Claudiu Cebuc

Michael Vhrel (Artifex) Michal Cihar

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Daniel Kaneider

Mateusz Jurczyk (Google) Paul Miller

SÈbastien LÈon Christian Schmitz XhmikosR

Stanislav Brabec (SuSe) Leonhard Gruenschloss (Google) Patrick Noffke

Christopher James Halse Rogers John Hein

Thomas Weber (Debian) Mark Allen

Noel Carboni Sergei Trofimovic Philipp Knechtges

Amyspark Lovell Fuller Eli Schwartz

Special Thanks

Artifex software AlienSkin software Jan Morovic

Jos Vernon (WebSupergoo) Harald Schneider (Maxon) Christian Albrecht Dimitrios Anastassakis Lemke Software

Tim Zaman

Mesa 3-D Graphics Library v21.0.3

Copyright (C) 1999-2007 Brian Paul All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS

OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Attention, Contributors

When contributing to the Mesa project you must agree to the licensing terms of the component to which you're contributing.

The following section lists the primary components of the Mesa distribution and their respective licenses.

Mesa Component Licenses

Component Location License

Main Mesa code src/mesa/ MIT

Device drivers src/mesa/drivers/* MIT, generally Gallium code src/gallium/ MIT

Ext headers GL/glext.h Khronos GL/glxext.h Khronos

GL/wglext.h Khronos KHR/khrplatform.h Khronos

****

include/GL/gl.h :

Mesa 3-D graphics library

Copyright (C) 1999-2006 Brian Paul All Rights Reserved. Copyright (C) 2009 VMware, Inc. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS

OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

****

include/GL/glext.h include/GL/glxext.h include/GL/wglxext.h :

Copyright (c) 2013 - 2018 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to

permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL

 Copyright © 1988, 2025, Oracle and/or its affiliates.

THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

****

include/KHR/khrplatform.h :

Copyright (c) 2008 - 2018 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to

permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

****

Mozilla Public Suffix List

You are receiving a copy of the Mozilla Public Suffix List in the following file: <java-home>/lib/security/public_suffix_list.dat. The terms of the Oracle license do NOT apply to this file; it is licensed under the

Mozilla Public License 2.0, separately from the Oracle programs you receive. If you do not wish to use the Public Suffix List, you may remove the

<java-home>/lib/security/public_suffix_list.dat file.

The Source Code of this file is available under the Mozilla Public License, v. 2.0 and is located at

https://raw.githubusercontent.com/publicsuffix/list/88467c960d6cdad2ca1623e892e5e17506b c269f/public_suffix_list.dat.

If a copy of the MPL was not distributed with this file, you can obtain one at https://mozilla.org/MPL/2.0/.

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

This software is distributed under the terms of the Mozilla Public License Version 2.0 A copy of the License appears below.

Copyright © 1988, 2025, Oracle and/or its affiliates.

OASIS PKCS #11 Cryptographic Token Interface v3.0

Copyright (c) OASIS Open 2020. All Rights Reserved.

All capitalized terms in the following text have the meanings assigned to them in the OASIS Intellectual Property Rights Policy (the "OASIS IPR Policy"). The full Policy may be found at the OASIS website: [http://www.oasis-open.org/policies-guidelines/ipr]

This document and translations of it may be copied and furnished to others, and derivative works that comment on or otherwise explain it or assist in its implementation may be prepared, copied, published, and distributed, in whole or in part, without restriction of any kind,

provided that the above copyright notice and this section are included on all such copies and derivative works. However, this document itself may not be modified in any way, including by removing the copyright notice or references to OASIS, except as needed for the purpose of developing any document or deliverable produced by an OASIS Technical Committee (in which case the rules applicable to copyrights, as set

forth in the OASIS IPR Policy, must be followed) or as required to translate it into languages other than English.

The limited permissions granted above are perpetual and will not be revoked by OASIS or its successors or assigns.

This document and the information contained herein is provided on an "AS IS" basis and OASIS DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE

INFORMATION HEREIN WILL NOT INFRINGE ANY OWNERSHIP RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. OASIS AND ITS MEMBERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THIS DOCUMENT OR ANY PART THEREOF.

[OASIS requests that any OASIS Party or any other party that believes it has patent claims that would necessarily be infringed by implementations of this OASIS Standards Final Deliverable, to notify OASIS TC Administrator and provide an indication of its willingness to grant patent licenses to such patent claims in a manner consistent with the IPR Mode of the OASIS Technical Committee that produced this deliverable.]

[OASIS invites any party to contact the OASIS TC Administrator if it is aware of a claim of ownership of any patent claims that would necessarily be infringed by implementations of this OASIS Standards Final Deliverable by a patent holder that is not willing to provide a

license to such patent claims in a manner consistent with the IPR Mode of the OASIS Technical Committee that produced this OASIS Standards Final Deliverable. OASIS may include such claims on its website, but disclaims any obligation to do so.]

[OASIS takes no position regarding the validity or scope of any intellectual property or other rights that might be claimed to pertain to the implementation or use of the technology described in this OASIS Standards Final Deliverable or the extent to which any license under such rights might or might not be available; neither does it represent that it has made any effort to identify any such rights. Information on

OASIS' procedures with respect to rights in any document or deliverable

produced by an OASIS Technical Committee can be found on the OASIS website. Copies of claims of rights made available for publication and any assurances of licenses to be made available, or the result of an attempt made to obtain a general license or permission for the use of such proprietary rights by implementers or users of this OASIS Standards Final Deliverable, can be obtained from the OASIS TC Administrator.

OASIS makes no representation that any information or list of intellectual property rights will at any time be complete, or that any claims in such list are, in fact, Essential Claims.]

PC/SC Lite v1.9.9

MUSCLE SmartCard Development (https://pcsclite.apdu.fr/)

Only 3 header files are included in this distribution: winscard.h, wintypes.h, pcsclite.h Copyright for winscard.h:

* Copyright (C) 1999-2003

* David Corcoran <corcoran@musclecard.com>

* Copyright (C) 2002-2009

* Ludovic Rousseau <ludovic.rousseau@free.fr>

Copyright for wintypes.h:

* Copyright (C) 1999

* David Corcoran <corcoran@musclecard.com>

* Copyright (C) 2002-2011

* Ludovic Rousseau <ludovic.rousseau@free.fr>

Copyright for pcsclite.h:

* Copyright (C) 1999-2004

* David Corcoran <corcoran@musclecard.com>

* Copyright (C) 2002-2011

* Ludovic Rousseau <ludovic.rousseau@free.fr>

* Copyright (C) 2005

* Martin Paljak <martin@paljak.pri.ee>

```

PC/SC Lite License

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Copyright © 1988, 2025, Oracle and/or its affiliates. 
```

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT

NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

PipeWire 0.3.68

All PipeWire header files are licensed under the MIT License:

Copyright © 2018-2023 Wim Taymans

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The below copyright applies to the following files:

spa/include/spa/monitor/type-info.h Copyright © 2021 Collabora Ltd.

spa/include/spa/utils/string.h Copyright © 2021 Red Hat, Inc.

SipHash v1.0-68c8a7c

SipHash reference C implementation

Copyright (c) 2016 Jean-Philippe Aumasson <jeanphilippe.aumasson@gmail.com>

To the extent possible under law, the author(s) have dedicated all copyright and related and neighboring rights to this software to the public domain worldwide. This software is distributed without any warranty.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

You should have received a copy of the CC0 Public Domain Dedication along with

this software. If not, see

<http://creativecommons.org/publicdomain/zero/1.0/>.

Licenses

The code is dual-licensed CCO and MIT

MIT License

Copyright 2012-2024 JP Aumasson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

CC0 1.0 Universal Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any

purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

Copyright © 1988, 2025, Oracle and/or its affiliates.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;

ii. moral rights retained by the original author(s) and/or performer(s);

iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;

iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;

v. rights protecting the extraction, dissemination, use and reuse of data in a Work;

vi. database rights (such as those arising under Directive 96/9/EC of the

European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and

vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation

commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or

any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii)

in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under

applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness

for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons

that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

For more information, please see http://creativecommons.org/publicdomain/zero/1.0/

Thai Dictionary

Copyright (C) 1982 The Royal Institute, Thai Royal Government.

Copyright (C) 1998 National Electronics and Computer Technology Center, National Science and Technology Development Agency,

Ministry of Science Technology and Environment, Thai Royal Government.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The FreeType Project: Freetype v2.13.0 and v2.13.2

Copyright (C) 1996-2023 by David Turner, Robert Wilhelm, and Werner Lemberg. Copyright (C) 2007-2023 by Dereg Clegg and Michael Toftdal.

Copyright (C) 1996-2023 by Just van Rossum, David Turner, Robert Wilhelm, and Werner Lemberg.

Copyright (C) 2022-2023 by David Turner, Robert Wilhelm, Werner Lemberg, George Williams, and

Copyright (C) 2004-2023 by Masatake YAMATO and Redhat K.K. Copyright (C) 2007-2023 by Derek Clegg and Michael Toftdal.

Copyright (C) 2003-2023 by Masatake YAMATO, Red Hat K.K.,

Copyright (C) 1996-2023 by David Turner, Robert Wilhelm, Werner Lemberg, and Dominik Röttsches.

Copyright (C) 2007-2023 by David Turner.

Copyright (C) 2022-2023 by David Turner, Robert Wilhelm, Werner Lemberg, and Moazin Khatti. Copyright (C) 2007-2023 by Rahul Bhalerao <rahul.bhalerao@redhat.com>,

<b.rahul.pm@gmail.com>.

Copyright (C) 2008-2023 by David Turner, Robert Wilhelm, Werner Lemberg, and suzuki toshiya.

Copyright (C) 2013-2023 by Google, Inc.

Copyright (C) 2019-2023 by Nikhil Ramakrishnan, David Turner, Robert Wilhelm, and Werner Lemberg.

Copyright (C) 2009-2023 by Oran Agra and Mickey Gabel.

Copyright (C) 2018-2023 by David Turner, Robert Wilhelm, Dominik Röttsches, and Werner Lemberg.

Copyright (C) 2004-2023 by David Turner, Robert Wilhelm, Werner Lemberg, and George Williams.

The FreeType Project License

Additional Freetype Attributions

The below license applies to the following files: libfreetype/src/psaux/psarrst.c libfreetype/src/psaux/psarrst.h libfreetype/src/psaux/psblues.c libfreetype/src/psaux/psblues.h libfreetype/src/psaux/pserror.c libfreetype/src/psaux/pserror.h libfreetype/src/psaux/psfixed.h libfreetype/src/psaux/psfont.c libfreetype/src/psaux/psfont.h libfreetype/src/psaux/psft.c libfreetype/src/psaux/psft.h libfreetype/src/psaux/psglue.h libfreetype/src/psaux/pshints.c libfreetype/src/psaux/pshints.h libfreetype/src/psaux/psintrp.c libfreetype/src/psaux/psintrp.h libfreetype/src/psaux/psread.c libfreetype/src/psaux/psread.h

libfreetype/src/psaux/psstack.c libfreetype/src/psaux/psstack.h libfreetype/src/psaux/pstypes.h

Copyright 2006-2014 Adobe Systems Incorporated.

This software, and all works of authorship, whether in source or object code form as indicated by the copyright notice(s) included herein (collectively, the "Work") is made available, and may only be used, modified, and distributed under the FreeType Project License, LICENSE.TXT. Additionally, subject to the terms and conditions of the FreeType Project License, each contributor to the Work hereby grants to any individual or legal entity exercising permissions granted by

 Copyright © 1988, 2025, Oracle and/or its affiliates.

the FreeType Project License and this section (hereafter, "You" or "Your") a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and

otherwise transfer the Work, where such license applies only to those patent claims licensable by such contributor that are necessarily infringed by their contribution(s) alone or by combination of their contribution(s) with the Work to which such contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that

the Work or a contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

By using, modifying, or distributing the Work you indicate that you have read and understood the terms and conditions of the FreeType Project License as well as those provided in this section, and you accept them fully.

MIT License

The below license applies to the following files: libfreetype/include/freetype/internal/fthash.h libfreetype/src/base/fthash.c

Copyright 2000 Computing Research Labs, New Mexico State University Copyright 2001-2015

Francesco Zappa Nardelli

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE COMPUTING RESEARCH LAB OR NEW MEXICO STATE UNIVERSITY BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The Unicode Standard, Unicode Character Database, Version 15.0.0

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

See Terms of Use for definitions of Unicode Inc.'s Data Files and Software.

NOTICE TO USER: Carefully read the following legal agreement.

BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"),

Copyright © 1988, 2025, Oracle and/or its affiliates.

YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT.

IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2022 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation

(the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software

without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of

the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either

(a) this copyright and permission notice appear with all copies of the Data Files or Software, or

(b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,

DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

=== http://www.unicode.org/copyright.html content === Unicode (R) Copyright and Terms of Use

For the general privacy policy governing access to this site, see the Unicode Privacy Policy.

Unicode Copyright

Copyright (C) 1991-2022 Unicode, Inc. All rights reserved. Definitions

Unicode Data Files ("DATA FILES") include all data files under the directories: https://www.unicode.org/Public/

 Copyright © 1988, 2025, Oracle and/or its affiliates.

https://www.unicode.org/reports/ https://www.unicode.org/ivd/data/

Unicode Data Files do not include PDF online code charts under the directory: https://www.unicode.org/Public/

Unicode Software ("SOFTWARE") includes any source code published in the Unicode Standard or any source code or compiled code under the directories: https://www.unicode.org/Public/PROGRAMS/

https://www.unicode.org/Public/cldr/ http://site.icu-project.org/download/ Terms of Use

Certain documents and files on this website contain a legend indicating that "Modification is permitted." Any person is hereby authorized, without fee, to modify such documents and files

to create derivative works conforming to the Unicode® Standard, subject to Terms and Conditions herein.

Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files, subject to the Terms and Conditions herein.

Further specifications of rights and restrictions pertaining to the use of the Unicode DATA FILES and SOFTWARE can be found in the Unicode Data Files and Software License.

Each version of the Unicode Standard has further specifications of rights and restrictions of use. For the book editions (Unicode 5.0 and earlier), these are found on the back of the title page.

The Unicode PDF online code charts carry specific restrictions. Those restrictions are incorporated as the first page of each PDF code chart.

All other files, including online documentation of the core specification for Unicode 6.0 and later, are covered under these general Terms of Use.

No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.

Modification is not permitted with respect to this document. All copies of this document must be verbatim.

Restricted Rights Legend

Any technical data or software which is licensed to the United States of America, its agencies and/or instrumentalities under this Agreement is commercial technical data or commercial computer software developed exclusively at private expense as defined in FAR 2.101, or DFARS 252.227-7014 (June 1995), as applicable. For technical data, use, duplication, or disclosure by the Government is subject to restrictions as set forth in DFARS 202.227-7015 Technical Data, Commercial and Items (Nov 1995) and this Agreement. For Software, in accordance with FAR 12-212 or DFARS 227-7202, as applicable, use, duplication or disclosure by the Government is subject to the restrictions set forth in this Agreement.

Warranties and Disclaimers

This publication and/or website may include technical or typographical errors or other inaccuracies. Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication and/or website. Unicode, Inc. may make improvements and/or changes in the product(s) and/or program(s) described in this publication and/or website at any time.

Copyright © 1988, 2025, Oracle and/or its affiliates.

If this file has been purchased on magnetic or optical media from Unicode, Inc. the sole and exclusive remedy for any claim will be exchange of the defective media within ninety (90) days of original purchase.

EXCEPT AS PROVIDED IN SECTION E.2, THIS PUBLICATION AND/OR SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EITHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. UNICODE, INC. AND ITS LICENSORS ASSUME NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THIS PUBLICATION AND/OR SOFTWARE OR OTHER DOCUMENTS WHICH ARE REFERENCED BY OR LINKED TO THIS PUBLICATION OR THE UNICODE WEBSITE.

Waiver of Damages

In no event shall Unicode, Inc. or its licensors be liable for any special, incidental, indirect or consequential damages of any kind, or any damages whatsoever, whether or not Unicode, Inc. was advised of the possibility of the damage, including, without limitation, those resulting from

the following: loss of use, data or profits, in connection with the use, modification or distribution of this information or its derivatives.

Trademarks & Logos

The Unicode Word Mark and the Unicode Logo are trademarks of Unicode, Inc. “The Unicode Consortium” and “Unicode, Inc.” are trade names of Unicode, Inc. Use of the information and materials found on this website indicates your acknowledgement of Unicode, Inc.’s exclusive worldwide rights in the Unicode Word Mark, the Unicode Logo, and the Unicode trade names. The Unicode Consortium Name and Trademark Usage Policy (“Trademark Policy”) are incorporated herein by reference and you agree to abide by the provisions of the Trademark Policy, which may be changed from time to time in the sole discretion of Unicode, Inc.

All third party trademarks referenced herein are the property of their respective owners. Miscellaneous

Jurisdiction and Venue. This website is operated from a location in the State of California, United States of America. Unicode, Inc. makes no representation that the materials are appropriate for use in other locations. If you access this website from other locations, you are responsible for compliance with local laws. This Agreement, all use of this website and any claims and damages resulting from use of this website are governed solely by the laws of the State of California without regard to any principles which would apply the laws of a different jurisdiction. The user agrees that any disputes regarding this website shall be resolved solely in the courts located in Santa Clara County, California. The user agrees said courts have personal jurisdiction and agree to waive any right to transfer the dispute to any other forum.

Modification by Unicode, Inc. Unicode, Inc. shall have the right to modify this Agreement at any time by posting it to this website. The user may not assign any part of this Agreement without Unicode, Inc.’s prior written consent.

Taxes. The user agrees to pay any taxes arising from access to this website or use of the information herein, except for those based on Unicode’s net income.

Severability. If any provision of this Agreement is declared invalid or unenforceable, the remaining provisions of this Agreement shall remain in effect.

Entire Agreement. This Agreement constitutes the entire agreement between the parties.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Unicode Common Local Data Repository (CLDR) v43.0

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

See Terms of Use for definitions of Unicode Inc.'s Data Files and Software.

NOTICE TO USER: Carefully read the following legal agreement.

BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"),

YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT.

IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2022 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation

(the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software

without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of

the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either

(a) this copyright and permission notice appear with all copies of the Data Files or Software, or

(b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,

DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Terms of Use

Unicode® Copyright and Terms of Use

For the general privacy policy governing access to this site, see the Unicode Privacy Policy.

Unicode Copyright

Copyright © 1991-2023 Unicode, Inc. All rights reserved. Definitions

Unicode Data Files ("DATA FILES") include all data files under the directories: https://www.unicode.org/Public/

https://www.unicode.org/reports/ https://www.unicode.org/ivd/data/

Unicode Data Files do not include PDF online code charts under the directory: https://www.unicode.org/Public/

Unicode Software ("SOFTWARE") includes any source code published in the Unicode Standard or any source code or compiled code under the directories: https://www.unicode.org/Public/PROGRAMS/

https://www.unicode.org/Public/cldr/ http://site.icu-project.org/download/ Terms of Use

Certain documents and files on this website contain a legend indicating that "Modification is permitted." Any person is hereby authorized, without fee, to modify such documents and files to create derivative works conforming to the Unicode® Standard, subject to Terms and Conditions herein.

Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files, subject to the Terms and Conditions herein.

Further specifications of rights and restrictions pertaining to the use of the Unicode DATA FILES and SOFTWARE can be found in the Unicode Data Files and Software License.

Each version of the Unicode Standard has further specifications of rights and restrictions of use. For the book editions (Unicode 5.0 and earlier), these are found on the back of the title page.

The Unicode PDF online code charts carry specific restrictions. Those restrictions are incorporated as the first page of each PDF code chart.

All other files, including online documentation of the core specification for Unicode 6.0 and later, are covered under these general Terms of Use.

No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.

Modification is not permitted with respect to this document. All copies of this document must be verbatim.

Restricted Rights Legend

Any technical data or software which is licensed to the United States of America, its agencies and/or instrumentalities under this Agreement is commercial technical data or commercial computer software developed exclusively at private expense as defined in FAR 2.101, or DFARS 252.227-7014 (June 1995), as applicable. For technical data, use, duplication, or disclosure by the Government is subject to restrictions as set forth in DFARS 202.227-7015 Technical Data, Commercial and Items (Nov 1995) and

 Copyright © 1988, 2025, Oracle and/or its affiliates.

this Agreement. For Software, in accordance with FAR 12-212 or DFARS 227-7202, as applicable, use, duplication or disclosure by the Government is subject to the restrictions set forth in this Agreement.

Warranties and Disclaimers

This publication and/or website may include technical or typographical errors or other inaccuracies. Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication and/or website. Unicode, Inc. may make improvements and/or changes in the product(s) and/or program(s) described in this publication and/or website at any time.

If this file has been purchased on magnetic or optical media from Unicode, Inc. the sole and exclusive remedy for any claim will be exchange of the defective media within ninety (90) days of original purchase.

EXCEPT AS PROVIDED IN SECTION E.2, THIS PUBLICATION AND/OR SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EITHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. UNICODE, INC. AND ITS LICENSORS ASSUME NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THIS PUBLICATION AND/OR SOFTWARE OR OTHER DOCUMENTS WHICH ARE REFERENCED BY OR LINKED TO THIS PUBLICATION OR THE UNICODE WEBSITE.

Waiver of Damages

In no event shall Unicode, Inc. or its licensors be liable for any special, incidental, indirect or consequential damages of any kind, or any damages whatsoever, whether or not Unicode, Inc. was advised of the possibility of the damage, including, without limitation, those resulting from the following: loss of use, data or profits, in connection with the use, modification or distribution of this information or its derivatives.

Trademarks & Logos

The Unicode Word Mark and the Unicode Logo are trademarks of Unicode, Inc. “The Unicode Consortium” and “Unicode, Inc.” are trade names of Unicode, Inc. Use of the information and materials found on this website indicates your acknowledgement of Unicode, Inc.’s exclusive worldwide rights in the Unicode Word Mark, the Unicode Logo, and the Unicode trade names. The Unicode Consortium Name and Trademark Usage Policy (“Trademark Policy”) are incorporated herein by reference and you agree to abide by the provisions of the Trademark Policy, which may be changed from time to time in the sole discretion of Unicode, Inc.

All third party trademarks referenced herein are the property of their respective owners. Miscellaneous

Jurisdiction and Venue. This website is operated from a location in the State of California, United States of America. Unicode, Inc. makes no representation that the materials are appropriate for use in other locations. If you access this website from other locations, you are responsible for compliance with local laws. This Agreement, all use of this website and any claims and damages resulting from use of this website are governed solely by the laws of the State of California without regard to any principles which would apply the laws of a different jurisdiction. The user agrees that any disputes regarding this website shall be resolved solely in the courts located in Santa Clara County, California. The user agrees said courts have personal jurisdiction and agree to waive any right to transfer the dispute to any other forum.

Modification by Unicode, Inc. Unicode, Inc. shall have the right to modify this Agreement at any time by posting it to this website. The user may not assign any part of this Agreement without Unicode, Inc.’s prior written consent.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Taxes. The user agrees to pay any taxes arising from access to this website or use of the information herein, except for those based on Unicode's net income.

Severability. If any provision of this Agreement is declared invalid or unenforceable, the remaining provisions of this Agreement shall remain in effect.

Entire Agreement. This Agreement constitutes the entire agreement between the parties.

xwd v1.0.7

This is the copyright for the files in src/java.desktop/unix/native/libawt_xawt: list.h, multiVis.h, wsutils.h, list.c, multiVis.c

Copyright 1994 Hewlett-Packard Co. Copyright 1996, 1998 The Open Group

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that

copyright notice and this permission notice appear in supporting documentation.

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE OPEN GROUP BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of The Open Group shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from The Open Group.

zlib v1.2.13

Copyright (C) 1995-2022 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software

in a product, an acknowledgment in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

Jean-loup Gailly

Mark Adler

jloup@gzip.org

madler@alumni.caltech.edu

zlib v1.3.1

(C) 1995-2024 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software

in a product, an acknowledgment in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly Mark Adler

jloup@gzip.org madler@alumni.caltech.edu

Licenses

Apache 2.0 License

Apache License Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

Copyright © 1988, 2025, Oracle and/or its affiliates.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work

(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including

the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to

communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable

(except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable

by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a

 Copyright © 1988, 2025, Oracle and/or its affiliates.

cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works

that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one

of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or

documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and

do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed

as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use,

reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS,

Copyright © 1988, 2025, Oracle and/or its affiliates.

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or

implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A

PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the

Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.

You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

BSD-2 license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

 Copyright © 1988, 2025, Oracle and/or its affiliates.

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

http://opensource.org/licenses/bsd-license.php

BSD-3 License

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

Copyright © 1988, 2025, Oracle and/or its affiliates.

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS

OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Mozilla Public License Version 2.0

1. Definitions

1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

means Covered Software of a particular Contributor.

1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the

terms of a Secondary License.

1.6. "Executable Form"

means any form of the work other than Source Code Form.

1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License"

means this document.

 Copyright © 1988, 2025, Oracle and/or its affiliates.

1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"

means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those

licenses.

1.13. "Source Code Form"

means the form of the work preferred for making modifications.

1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that

controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark)

Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

Copyright © 1988, 2025, Oracle and/or its affiliates.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License.

Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

(b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

(c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted

in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

 Copyright © 1988, 2025, Oracle and/or its affiliates.

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered

Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this

License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b)

describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a

recipient of ordinary skill to be able to understand it.

5. Termination

Copyright © 1988, 2025, Oracle and/or its affiliates.

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the

non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor

notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to

You by any and all Contributors for the Covered Software under Section

2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all

end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

****

* *

* 6. Disclaimer of Warranty *

* ---------- *

* *

* Covered Software is provided under this License on an "as is" *

* basis, without warranty of any kind, either expressed, implied, or *

* statutory, including, without limitation, warranties that the *

* Covered Software is free of defects, merchantable, fit for a *

* particular purpose or non-infringing. The entire risk as to the *

* quality and performance of the Covered Software is with You. *

* Should any Covered Software prove defective in any respect, You *

* (not any Contributor) assume the cost of any necessary servicing, *

* repair, or correction. This disclaimer of warranty constitutes an *

* essential part of this License. No use of any Covered Software is *

* authorized under this License except under this disclaimer. *

 Copyright © 1988, 2025, Oracle and/or its affiliates.

```
* *
************************************************************************
************************************************************************
*
*
*
7. Limitation of Liability *
*
------------------------- *
*
*
*
Under no circumstances and under no legal theory, whether tort *
*
(including negligence), contract, or otherwise, shall any *
*
Contributor, or anyone who distributes Covered Software as *
*
permitted above, be liable to You for any direct, indirect, *
*
special, incidental, or consequential damages of any character *
*
including, without limitation, damages for lost profits, loss of *
*
goodwill, work stoppage, computer failure or malfunction, or any *
*
and all other commercial damages or losses, even if such party *
*
shall have been informed of the possibility of such damages. This *
```

Copyright © 1988, 2025, Oracle and/or its affiliates.

*

limitation of liability shall not apply to liability for death or *

*

personal injury resulting from such party's negligence to the *

*

extent applicable law prohibits such limitation. Some *

*

jurisdictions do not allow the exclusion or limitation of *

*

incidental or consequential damages, so this exclusion and *

*

limitation may not apply to You. *

*

*

****

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions.

Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides

that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

 Copyright © 1988, 2025, Oracle and/or its affiliates.

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at https://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular

file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look

for such a notice.

You may add additional accurate notices of copyright ownership. Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

Third party components on Oracle TZUpdater

Oracle TZUpdater contains no third-party software licensed separately.

Copyright © 1988, 2025, Oracle and/or its affiliates.

Copyright © 1988, 2025, Oracle and/or its affiliates.