

# Oracle® MICROS Enterprise Back Office

## Licensing Information User Manual



Release 9.1  
E90415-09  
August 2023

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

ORACLE®

Oracle MICROS Enterprise Back Office Licensing Information User Manual, Release 9.1

E90415-07

Copyright © 2001, 2023, Oracle and/or its affiliates. All rights reserved.

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 software or related documentation 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 installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. 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 and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon 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, Opteron, the AMD logo, and the AMD Opteron 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.

# Contents

## Preface

---

## 1 Introduction

---

## 2 Licensing Information

---

Third-Party Notices and/or Licenses 2-10

## 3 Licenses

---

Apache License v2.0	3-1
Apache Software License v1.1	3-4
BSD License	3-4
Dynamic Drive DHTML Scripts Terms of Use	3-5
Eclipse Public License v1.0	3-6
GNU General Public License v3	3-10
GNU Lesser General Public License v2.1	3-19
GNU Library General Public License v2	3-26
ICU License – ICU 1.8.1 and Later	3-31
JDOM License	3-31
MIT License	3-32
SIL Open Font License 1.1	3-33
SimpleCaptcha 1.2.1	3-34
WDDX License	3-35

# Preface

This document contains licensing information for Enterprise Back Office.

## Audience

This document is intended for users of Enterprise Back Office.

## Customer Support

To contact Oracle Customer Support, access the Support Portal at the following URL:  
<https://iccp.custhelp.com/>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received and any associated log files
- Screenshots of each step you take

## Documentation

Product documentation is available on the Oracle Help Center at  
<https://docs.oracle.com/en/industries/food-beverage/>

## Revision History

Date	Description of Change
June 2018	Initial publication.
August 2018	Added Oracle MICROS Technology Foundation for Food & Beverage as a hospitality product in Chapter 2 - Licensing Information.
August 2018	Updated the prerequisite summaries for the Cloud Services in Chapter 2 - Licensing Information and clarified the requirements for Point-of-Sale deployments.
March 2019	Moved full licenses listed in Chapter 2 – Third-Party Notices and/or Licenses to Chapter 3 and removed out of date third-party notices and licenses.
May 2019	Added information to Third-Party Notices and/or Licenses.
August 2020	Updated server compatibility.
August 2023	Updated guide title.

# 1

## 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 in Oracle's Software Investment Guide (<http://www.oracle.com/us/corporate/pricing/software-investment-guide/index.html>), and/or contact the applicable Oracle License Management Services representative listed on <http://www.oracle.com/us/corporate/license-management-services/index.html>.

# 2

## Licensing Information

This chapter provides the following licensing information for Enterprise Back Office:

- Description of products.
- Prerequisite products.
- Entitled products and restricted use licenses.

MICROS Product	Subproduct	Licensing Information
Oracle MICROS Enterprise Back Office	Oracle MICROS Reporting and Analytics Part number: MM-LICENSE	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>This license provides a perpetual license for on-premises deployments of Oracle MICROS Reporting and Analytics.</p> <p><b><u>Prerequisite Products</u></b></p> <p>A license to use the following product is a prerequisite to license and use Oracle MICROS Reporting and Analytics:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS Technology Foundation for Food &amp; Beverage</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>A license for Reporting and Analytics contains a restricted-use license for Pentaho. Use of Pentaho is limited to use with Reporting and Analytics and may not be used or deployed for other purposes.</p>
	Oracle MICROS Forecasting and Budget Part number: MM-FORECASTING	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>This license provides a perpetual license for on-premises deployments of Oracle MICROS Forecasting and Budget.</p> <p><b><u>Prerequisite Products</u></b></p> <p>A license to use one of the following products is a prerequisite to license and use Oracle MICROS Forecasting and Budget:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS Reporting and Analytics</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>

MICROS Product	Subproduct	Licensing Information
	<p>Oracle MICROS Inventory Management Part number: MYINV-LICENSE</p>	<p><b><u>Product Editions and Permitted Features</u></b> This license provides a perpetual license for on-premises deployments of Oracle MICROS Inventory Management.</p> <p><b><u>Prerequisite Products</u></b> A license to use one of the following products is a prerequisite to license and use Oracle MICROS Inventory Management:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS Reporting and Analytics</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b> N/A</p>
	<p>Oracle MICROS Labor Management Part number: MYLABOR-LICENSE</p>	<p><b><u>Product Editions and Permitted Features</u></b> This license provides a perpetual license for on-premises deployments of Oracle MICROS Labor Management.</p> <p><b><u>Prerequisite Products</u></b> A license to use one of the following products is a prerequisite to license and use Oracle MICROS Labor Management:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS Reporting and Analytics</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b> N/A</p>
	<p>Oracle MICROS Labor Management Interface Part number: L105276</p>	<p><b><u>Product Editions and Permitted Features</u></b> This license provides a perpetual license for developer resources for extending on-premises deployments of Oracle MICROS Labor Management Interface.</p> <p><b><u>Prerequisite Products</u></b> A license to use one of the following products is a prerequisite to license and use Oracle MICROS Labor Management Interface:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS Labor Management, or</li> <li>• Oracle MICROS Symphony Foundation</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b> N/A</p>
	<p>Oracle MICROS Gift and Loyalty</p>	<p><b><u>Product Editions and Permitted Features</u></b></p>

MICROS Product	Subproduct	Licensing Information
Oracle MICROS Customer Gift and Loyalty	Part number: CRM-GPLC-LICENSE	<p>This license provides a perpetual license for on-premises deployments of Oracle MICROS Gift and Loyalty.</p> <p><b><u>Prerequisite Products</u></b></p> <p>A license to use one of the following products is a prerequisite to license and use Oracle MICROS Gift and Loyalty:</p> <ul style="list-style-type: none"> <li>• Microsoft SQL Server 2012, and</li> <li>• Oracle MICROS Reporting and Analytics</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>
	Oracle MICROS Segmentation and Exports Part number: CRM-SEGMENTATION-LICENSE	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>This license provides a perpetual license for on-premises deployments of Oracle MICROS Segmentation and Exports.</p> <p><b><u>Prerequisite Products</u></b></p> <p>A license to use the following product is a prerequisite to license and use Oracle MICROS Segmentation and Exports:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS Gift and Loyalty</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>
Oracle MICROS Enterprise Back Office Cloud Services	Oracle MICROS Reporting and Analytics Advanced Cloud Service Part number: B81489	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>This subscription provides access to all Oracle MICROS Reporting and Analytics functionality on an instance hosted by Oracle Cloud Service.</p> <p><b><u>Prerequisite Products</u></b></p> <p>A license to use one of the following products is a prerequisite to license and use Oracle MICROS Reporting and Analytics Advanced Cloud Service:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS RES 3700 Point-of-Sale, or</li> <li>• Oracle MICROS e7 Point-of-Sale, or</li> <li>• Oracle MICROS 9700 Point-of-Sale</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>
	Oracle MICROS Reporting and	<p><b><u>Product Editions and Permitted Features</u></b></p>



MICROS Product	Subproduct	Licensing Information
	Analytics Standard Cloud Service Part number: B81488	<p>This subscription provides access to a limited set of reporting and administration functionality for Oracle MICROS Reporting and Analytics on an instance hosted by Oracle Cloud Service.</p> <p><b><u>Prerequisite Products</u></b></p> <p>A license to use one of the following products is a prerequisite to license and use Oracle MICROS Reporting and Analytics Standard Cloud Service:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS RES 3700 Point-of-Sale, or</li> <li>• Oracle MICROS e7 Point-of-Sale</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>
	Oracle MICROS Forecasting and Budget Cloud Service Part number: B81490	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>This subscription provides access to forecasting functionality and budgeting functionality in Oracle MICROS Enterprise Back Office.</p> <p><b><u>Prerequisite Products</u></b></p> <p>For Point-of-Sale cloud deployments, a license to use one of the following products is a prerequisite to license and use Oracle MICROS Forecasting and Budget Cloud Service:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS Symphony Premium Cloud Service, or</li> <li>• Oracle MICROS Symphony Standard Cloud Service, or</li> <li>• Oracle MICROS Symphony First Edition Cloud Service</li> </ul> <p>For Point-of-Sale on-premise deployments, a license to use the following products is a prerequisite to license and use Oracle MICROS Forecasting and Budget Cloud Service:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS RES 3700 Point-of-Sale, and</li> <li>• Oracle MICROS Reporting and Analytics Advanced Cloud Service</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>
	Oracle MICROS Inventory	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>This subscription provides access to Master Data, Recipe Management, Ordering, Receiving,</p>

MICROS Product	Subproduct	Licensing Information
	<p>Management Cloud Service Part number: B81492</p>	<p>Invoicing, Transfer, Waste, Inventory counts, Production Tool, and so on in Oracle MICROS Inventory Management through Oracle MICROS Reporting and Analytics on an instance hosted by Oracle Cloud Service.</p> <p><b><u>Prerequisite Products</u></b></p> <p>For Point-of-Sale cloud deployments, a license to use one of the following products is a prerequisite to license and use Oracle MICROS Inventory Management Cloud Service:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS Symphony Premium Cloud Service, or</li> <li>• Oracle MICROS Symphony Standard Cloud Service, or</li> <li>• Oracle MICROS Symphony First Edition Cloud Service</li> </ul> <p>For Point-of-Sale on-premise deployments, a license to the following products is a prerequisite to license and use Oracle MICROS Inventory Management Cloud Service:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS RES 3700 Point-of-Sale, and</li> <li>• Oracle MICROS Reporting and Analytics Advanced Cloud Service</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>
	<p>Oracle MICROS Labor Management Cloud Service Part number: B81493</p>	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>This subscription provides access to human resources tools, employee management, labor scheduling, and payroll preprocessing functionality in Oracle MICROS Labor Management on an instance hosted by Oracle Cloud Service. Certain functionality, such as labor requirements calculations, can depend on an Oracle MICROS Forecasting and Budget Cloud Service license.</p> <p><b><u>Prerequisite Products</u></b></p> <p>For Point-of-Sale on-premise deployments, a license to the following products is a prerequisite to license and use Oracle MICROS Labor Management Cloud Service:</p> <ul style="list-style-type: none"> <li>• An on-premise Point-of-Sale license such as Oracle MICROS RES 3700 Point-of-Sale, and</li> </ul>

MICROS Product	Subproduct	Licensing Information
		<ul style="list-style-type: none"> <li>Oracle MICROS Reporting and Analytics Advanced Cloud Service</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>
	<p>Oracle MICROS Labor Management Interface Cloud Service</p> <p>Part number: B86465</p>	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>This subscription provides access to Labor Management Web Services to import, update, and export Human Resources Employee information as well as importing a schedule into Oracle MICROS Labor Management on an instance hosted by Oracle Cloud Service.</p> <p><b><u>Prerequisite Products</u></b></p> <p>For Point-of-Sale cloud deployments, a license to use one of the following products is a prerequisite to license and use Oracle MICROS Labor Management Interface Cloud Service:</p> <ul style="list-style-type: none"> <li>Oracle MICROS Symphony Premium Cloud Service, or</li> <li>Oracle MICROS Symphony Standard Cloud Service, or</li> </ul> <p>For Point-of-Sale on-premise deployments, a license to the following products is a prerequisite to license and use Oracle MICROS Labor Management Interface Cloud Service:</p> <ul style="list-style-type: none"> <li>Oracle MICROS RES 3700 Point-of-Sale, and</li> <li>Oracle MICROS Labor Management Cloud Service</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>
	<p>Oracle MICROS Additional Storage Cloud Service</p> <p>Part number: B81494</p>	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>This subproduct extends the standard data retention period by an additional 12 months for Oracle MICROS Reporting and Analytics Advanced Cloud Service, Oracle MICROS Inventory Management Cloud Service, Oracle MICROS Labor Management Cloud Service, and Oracle MICROS Gift and Loyalty Advanced Cloud Service.</p> <p><b><u>Prerequisite Products</u></b></p> <p>A license to use one of the following products is a prerequisite to license and use Oracle MICROS Additional Storage Cloud Service:</p>

MICROS Product	Subproduct	Licensing Information
		<ul style="list-style-type: none"> <li>• Oracle MICROS Reporting and Analytics Advanced Cloud Service, or</li> <li>• Oracle MICROS Symphony Premium Cloud Service, or</li> <li>• Oracle MICROS Symphony Standard Cloud Service, or</li> <li>• Oracle MICROS Symphony First Edition Cloud Service</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>
<p>Oracle MICROS Customer Gift and Loyalty Cloud Services</p>	<p>Oracle MICROS Gift and Loyalty Advanced Cloud Service</p> <p>Part number: B81487</p>	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>This subscription provides access to all Oracle MICROS Gift and Loyalty functionality on an instance hosted by Oracle Cloud Services.</p> <p><b><u>Prerequisite Products</u></b></p> <p>A license to use one of the following products is a prerequisite to license and use Oracle MICROS Gift and Loyalty Advanced Cloud Service:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS Reporting and Analytics Advanced Cloud Service, or</li> <li>• Oracle MICROS Symphony Premium Cloud Service, or</li> <li>• Oracle MICROS Symphony Standard Cloud Service, or</li> <li>• Oracle MICROS Symphony First Edition Cloud Service</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>
	<p>Oracle MICROS Gift and Loyalty Standard Cloud Service</p> <p>Part number: B81486</p>	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>This subscription provides access for the configuration of one basic gift card and one basic loyalty program in Oracle MICROS Gift and Loyalty on an instance hosted by Oracle Cloud Services.</p> <p><b><u>Prerequisite Products</u></b></p> <p>A license to use one of the following products is a prerequisite to license and use Oracle MICROS Gift and Loyalty Standard Cloud Service:</p> <ul style="list-style-type: none"> <li>• Oracle MICROS Reporting and Analytics Standard Cloud Service, or</li> </ul>

MICROS Product	Subproduct	Licensing Information
		<ul style="list-style-type: none"> <li>Oracle MICROS Symphony Standard Cloud Service</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b> N/A</p>
	<p>Oracle MICROS Sports and Entertainment Gift and Loyalty Advanced Cloud Service Part number: B83741</p>	<p><b><u>Product Editions and Permitted Features</u></b> This subscription provides access to an Oracle MICROS Gift and Loyalty instance hosted by Oracle Cloud Services for the Sports and Entertainment industry.</p> <p><b><u>Prerequisite Products</u></b> A license to use one of the following products is a prerequisite to license and use Oracle MICROS Sports and Entertainment Gift and Loyalty Advanced Cloud Service:</p> <ul style="list-style-type: none"> <li>Oracle MICROS Symphony Premium Cloud Service, or</li> <li>Oracle MICROS Symphony First Edition Cloud Service</li> </ul> <p>If operations require Point-of-Sale and reporting to be hosted on site, a license to use one of the following products is a prerequisite to license and use Oracle MICROS Sports and Entertainment Gift and Loyalty Advanced Cloud Service:</p> <ul style="list-style-type: none"> <li>Oracle MICROS Symphony Point-of-Sale</li> <li>Oracle MICROS Symphony First Edition Point-of-Sale</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b> N/A</p>
	<p>Oracle MICROS Segmentation and Exports Cloud Service Part number: B81491</p>	<p><b><u>Product Editions and Permitted Features</u></b> This subscription provides access to market segmentation and campaigning functionality for Oracle MICROS Gift and Loyalty on an instance hosted by Oracle Cloud Services.</p> <p><b><u>Prerequisite Products</u></b> A license to use one of the following products is a prerequisite to license and use Oracle MICROS Segmentation and Exports Cloud Service:</p> <ul style="list-style-type: none"> <li>Oracle MICROS Gift and Loyalty Advanced Cloud Service, or</li> </ul>

MICROS Product	Subproduct	Licensing Information
		<ul style="list-style-type: none"> <li>Oracle MICROS Sports and Entertainment Gift and Loyalty Advanced Cloud Service</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>N/A</p>
<p>Oracle MICROS Technology Foundation for Food &amp; Beverage</p>	<p>Oracle MICROS Technology Foundation for Food &amp; Beverage - POS Client Perpetual Part Number: L101237</p>	<p><b><u>Product Editions and Permitted Features</u></b></p> <p>Base product purchased once to use with one or more of the prerequisite products.</p> <p><b><u>Prerequisite Products</u></b></p> <p>A license to use the following product is a prerequisite to license and use Oracle MICROS Technology Foundation for Food &amp; Beverage:</p> <ul style="list-style-type: none"> <li>Oracle MICROS Reporting and Analytics</li> </ul> <p><b><u>Entitled Products and Restricted Use Licenses</u></b></p> <p>A license for Oracle MICROS Technology Foundation for Food &amp; Beverage contains restricted-use licenses for its components:</p> <ul style="list-style-type: none"> <li>Oracle Database Enterprise Edition</li> <li>Oracle Database Enterprise Edition options: RAC, RAC One Node, Active Data Guard, Partitioning, Advanced Security, Label Security, Database Vault</li> <li>Database Enterprise Management: Diagnostics Pack, Tuning Pack</li> <li>WebLogic Suite</li> <li>Identity and Access Management Suite Plus</li> <li>Business Intelligence Suite Extended Edition</li> <li>SOA Suite for Oracle Middleware</li> <li>Berkeley DB - Transactional Data Store</li> <li>Berkeley DB - Concurrent Data Store</li> <li>Mobile Application Framework</li> </ul> <p>The Oracle MICROS Technology Foundation Programs may only be used with Oracle MICROS Food &amp; Beverage Programs. New reports or customizations of the included reports are allowed. Integration to third party systems is allowed via the Oracle MICROS Interface Programs, data integration extracts, or APIs. You may not add unsupported applications to the environments created with this technology license. You are approved to host data elements originating only</p>

MICROS Product	Subproduct	Licensing Information
		from Oracle MICROS applications in the schemas created with this technology use. You may not host any third party data elements.

## Third-Party Notices and/or Licenses

### Open Source Software or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Enterprise Back Office 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 open source software.

MICROS Product	Component(s)	Licensing Information
Oracle MICROS Enterprise Back Office	Ajax Tabs Content Script Version 2.0	Copyright © 2015 Dynamic Drive, <a href="http://www.dynamicdrive.com/notice.htm">http://www.dynamicdrive.com/notice.htm</a> . A copy of the license is below. <a href="#">Dynamic Drive DHTML Scripts Terms of Use</a>
Oracle MICROS Enterprise Back Office	Apache Axis Version 1.2.1	Copyright © The Apache Software Foundation. This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Apache Commons Codec Version: 1.10	Copyright © 2014. The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Apache Commons Pool Version 1.0	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	Apache Commons resources Version 1.0	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	Apache Commons validator Version 1.0	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>

<b>MICROS Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Oracle MICROS Enterprise Back Office	Apache HttpComponents Client Version 4.5.6	Copyright 1999-2017 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Apache Jakarta Commons Digester Version 1.5	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	Apache Jakarta Lang Version 1.0.4	Copyright © The Apache Software Foundation. This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Apache Jakarta Taglibs Version 1.2	Copyright © The Apache Software Foundation. This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Apache Log4j Version 1.2.15	Copyright © 2007 The Apache Software Foundation. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Apache Log4j Version 1.2.4	Copyright © 2001-2005, 2001-2014 The Apache Software Foundation. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Apache Log4j Version 2.11.1	Copyright © 1999-2017 The Apache Software Foundation. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Apache ORO Version 2.0.6	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	HttpComponents Client Version 4.5.6	Copyright © 1999-2017 The Apache Software Foundation. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Apache Xerces Java 1 XML Parser Version 1.43	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	Apache Xerces Java XML Parser Version 2.2.1	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>



<b>MICROS Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Oracle MICROS Enterprise Back Office	Apache Xerces (XML parser) Version 2.0.1	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	Apache XML Xalan-Java Version 2.0.1	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	Aspirin	Copyright © Masukomi. Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	Bouncy Castle C# API Version 1.8.1	Copyright © 2000 - 2015 The Legion of the Bouncy Castle Inc. ( <a href="http://www.bouncycastle.org">http://www.bouncycastle.org</a> ). A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	commons-beanutils Version 1.9.3	Copyright © The Apache Software Foundation. This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Commons Codec Version 1.2	Copyright © 1999-2003, 2002-2014 The Apache Software Foundation. All rights reserved. Copyright © 2002 Kevin Atkinson ( <a href="mailto:kevina@gnu.org">kevina@gnu.org</a> ). Copyright © 2008 Alexander Beider & Stephen P. Morse. Copies of the licenses are below. <a href="#">Apache Software License v1.1</a> <a href="#">GNU General Public License v3</a>
Oracle MICROS Enterprise Back Office	Commons Collections Version 3.2.2	Copyright © 2001-2008 The Apache Software Foundation. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Commons Collections Version 4.1	Copyright © 2001-2008 The Apache Software Foundation. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Commons HttpClient Version 3.1	Copyright © 1999-2008 The Apache Software Foundation. This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>

<b>MICROS Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Oracle MICROS Enterprise Back Office	Commons IO Version 1	Copyright © The Apache Software Foundation. This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	commons-dbcp Version 1.2.2	Copyright © 1999-2007 The Apache Software Foundation. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	commons-lang Version 2.0	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	CommandLineProcessor.cs Version 1.0	Copyright © Richard Lopes. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	CompactFormatter	Copyright © 2003 Angelo S. Scotto ( <a href="mailto:scotto_a@hotmail.com">scotto_a@hotmail.com</a> ). Copyright © Politecnico di Milano and Imperial College London. A copy of the license is below. <a href="#">GNU Library General Public License v2</a>
Oracle MICROS Enterprise Back Office	CompressionFilter.java Version 1.2	Copyright © Amy Roh. This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	CompressionResponseStre am.java Version 1.3	Copyright © Amy Roh. This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	CompressionServletRespon seWrapper.java Version 1.3	Copyright © Amy Roh. This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	DataTables Version 1.10.19	Copyright © 2008-2015 SpryMedia Ltd. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS	DataTables Column filter plugin Version 1.5.6	Copyright © Jovan Popovic. A copy of the license is below. <a href="#">BSD License</a>

MICROS Product	Component(s)	Licensing Information
Enterprise Back Office		
Oracle MICROS Enterprise Back Office	DiffieHellman Version 1.0	Copyright © Mentalis.org. Copyright © 2001, 2002, 2003 Ximian, Inc and the individuals listed on the ChangeLog entries. Copyright © 2002-2003, The KPD-Team All rights reserved. A copy of the license is below. <a href="#">BSD License</a> <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	DWR Version 3.0.0	Copyright © directwebremoting.org. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	DWR Version 3.0.1	Copyright © directwebremoting.org. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Elevate	Copyright © 2007 Johannes Passing. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	Enterprise Security API (ESAPI) Version 2.1.0.1	Copyright © 2007, The Open Web Application Security Project (OWASP) Foundation. All rights reserved. A copy of the license is below. <a href="#">BSD License</a>
Oracle MICROS Inventory Management	Font Awesome Version 4.7	Copyright © Dave Gandy. Copies of the licenses are below. <a href="#">SIL Open Font License 1.1</a> <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	FullCalendar Version 1.5.2	Copyright © Adam Shaw. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	HTMLParser Version 1.4	Copyright © Derrick Oswald. A copy of the license is below. <a href="#">GNU Lesser Generic Public License v2.1</a>
Oracle MICROS Enterprise Back Office	HttpCore Version 4.1	Copyright © 2005-2010 The Apache Software Foundation. This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS	hyperic Version 1.6.4	Copyright © sigar.hyperic.com.

MICROS Product	Component(s)	Licensing Information
Enterprise Back Office		This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	jackson-annotations Version 2.9.4	Copyright © FasterXML, LLC. A copy of the license is also reproduced below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	jackson-core Version 2.9.4	Copyright © FasterXML, LLC. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	jackson-databind Version 2.9.4	Copyright © FasterXML, LLC. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	jackson-jaxrs-base Version 2.9.4	Copyright © FasterXML, LLC. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	jackson-jaxrs-json-provider Version 2.9.4	Copyright © 2012 FasterXML.com. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Jakarta Commons dbcp Version 1.0	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	Jakarta Commons Lang Version 2.4	Copyright © The Apache Software Foundation. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	Jasypt Version 1.9.0	Copyright © 2007-2010, The JASYPT team ( <a href="http://www.jasypt.org">http://www.jasypt.org</a> ). This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a> <a href="#">ICU License – ICU 1.8.1 and Later</a>
Oracle MICROS Enterprise Back Office	jaxen Version 1.1, 1.1.1	Copyright © 2003-2006 The Werken Company. All Rights Reserved. A copy of the license is below. <a href="#">BSD License</a>
Oracle MICROS	JDOM Version 1.0 beta8-dev	Copyright © 2000-2004 Jason Hunter & Brett McLaughlin. All rights reserved. A copy of the license is below.

<b>MICROS Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Enterprise Back Office		<a href="#">JDOM License</a>
Oracle MICROS Enterprise Back Office	JExcelApi	Copyright © 2007 Andrew Khan. A copy of the license is below. <a href="#">GNU Lesser Generic Public License v2.1</a>
Oracle MICROS Inventory Management	jQuery Version 1.12.4	Copyright © jQuery Foundation. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Inventory Management	jQuery Version 3.3.1	Copyright © JS Foundation and other contributors. Copyright © Christian Johansen <a href="https://sinonjs.org/">https://sinonjs.org/</a> Copyright © The Dojo Foundation <a href="https://requirejs.org/">https://requirejs.org/</a> Copyright © jQuery Foundation <a href="http://qunitjs.com/">http://qunitjs.com/</a> Copyright © Kyle Simpson <a href="https://github.com/getify/native-promise-only">https://github.com/getify/native-promise-only</a> , <a href="https://api.qunitjs.com/assert/step">https://api.qunitjs.com/assert/step</a> , <a href="https://sizzlejs.com/">https://sizzlejs.com/</a> Copies of the licenses are below. <a href="#">MIT License</a> <a href="#">BSD License</a>
Oracle MICROS Enterprise Back Office	jQuery Context Menu Plugin Version 1.0.1	Copyright © Cory S.N. LaViska. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	jQuery Datepicker Version 5.0.0	Copyright © Keith Wood A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Inventory Management	jQuery Mousewheel Version 3.1.13	Copyright © 2011 Brandon Aaron. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	jquery-migrate Version 1.4.1	Copyright © 2016 jQuery Foundation. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	jQuery scrollectbox Version 1.0	Copyright © Alexander Wallin. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS	jquery simple-color Version 1.0.1	Copyright © Dave Perrett. A copy of the license is below. <a href="#">MIT License</a>

MICROS Product	Component(s)	Licensing Information
Enterprise Back Office		
Oracle MICROS Enterprise Back Office	jQuery tipsy Version 1.0.0a	Copyright © 2008-2010 Jason Frame ( <a href="mailto:jason@onehackoranother.com">jason@onehackoranother.com</a> ). A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	jQuery tree plug-ins Version 3.5.16	Copyright © hunter.z. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	jQuery UI Version 1.8.13	Copyright © jQuery Foundation. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Inventory Management	jQueryUI Version 1.12.1	Copyright © jQuery Foundation and other contributors. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	JSP Tags km-nested Version 2.0.3	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	jTDS – SQL Server and Sybase JDBC driver Version 1.2.2	Copyright © SourceForge. A copy of the license is below. <a href="#">GNU Lesser Generic Public License v2.1</a>
Oracle MICROS Enterprise Back Office	libphonenumber Version 5.8	Copyright © Google. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	log4net.dll Version 1.2.9.0	Copyright © The Apache Software Foundation. This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	org.springframework:spring-dao Version 2.0.8	Copyright © Juergen Hoeller et.al. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	PluginDetect Version 0.1.9	Copyright © Eric Gerds. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS	PluginDetect Version 0.7.2	Copyright © Eric Gerds. A copy of the license is below.

MICROS Product	Component(s)	Licensing Information
Enterprise Back Office		<a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	POI Version 3.17	<p>Copyright © 1999-2003, 2001-2003, 2003-2016 The Apache Software Foundation.            Copyright © 2000-2003 BEA Systems.            Copyright © 2000-2006, www.hamcrest.org            All rights reserved.            Copyright © 2001-2003 World Wide Web Consortium.            Copyright © 2002 Yuval Oren.            Copyright © 2004-2013 QOS.ch. All rights reserved.            Copyright © 2005 BEA.            Copies of the licenses are below:  <a href="#">Apache License v2.0</a>  <a href="#">BSD License</a>  <a href="#">Eclipse Public License v1.0</a>  <a href="#">MIT License</a></p>
Oracle MICROS Enterprise Back Office	quick-json Version 1.0.2.3	<p>Copyright © The Apache Software Foundation.            A copy of the license is below.  <a href="#">Apache License v2.0</a></p>
Oracle MICROS Enterprise Back Office	Report Printing in Dot Net Version 0.41	<p>Copyright © Michael Mayer.            Copyright © 2001-2014 JGoodies Software GmbH. All rights reserved.            A copy of the license is below.  <a href="#">BSD License</a></p>
Oracle MICROS Enterprise Back Office	Saxpath Version 1.0-FCS	<p>Copyright © Werken Digital.            A copy of the license is below.  <a href="#">Apache License v2.0</a></p>
Oracle MICROS Enterprise Back Office	SharpZipLib Version 0.85.5.452	<p>Copyright © 2001 Mike Krueger.            The library is released under the GPL with the following exception:            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.            A copy of the license is below.</p>

MICROS Product	Component(s)	Licensing Information
		<a href="#">GNU General Public License v2</a>
Oracle MICROS Inventory Management	SharpZipLib Version 0.86.0.518	Copyright © Mike Krueger. Copyright © 2000-2016 SharpZipLib Contributors. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	SimpleCaptcha Version 1.2.1	Copyright © 2008-2009 James Childers A copy of the license is below. <a href="#">SimpleCaptcha 1.2.1</a>
Oracle MICROS Enterprise Back Office	SLF4J Version 1.7.25	Copyright © 2004-2013 QOS.ch. All rights reserved. A copy of the license is below. <a href="#">MIT License</a>
Oracle MICROS Enterprise Back Office	soap.jar	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	Spring Version 3.0.3	Copyright © Spring Framework. A copy of the license is below. <a href="#">Apache License v2.0</a>
Oracle MICROS Enterprise Back Office	SSHTools Version 0.2.7	Copyright © SSH tools. Copyright © 2002-2003 Lee David Painter and Contributors. Copyright © 2000 Dieter Wimberger. Copies of the licenses are below. <a href="#">Apache Software License v1.1</a> <a href="#">BSD License</a> <a href="#">GNU Library General Public License v2</a>
Oracle MICROS Enterprise Back Office	Standard Widget Toolkit (SWT) Version 3.13.9	Copyright © 2000, 2005 IBM Corporation and others. All rights reserved. A copy of the license is below. <a href="#">Eclipse Public License v1.0</a>
Oracle MICROS Enterprise Back Office	Struts Version 1.1	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	struts.jar Version 1.1	Copyright © 1999-2003 The Apache Software Foundation. All rights reserved. A copy of the license is below. <a href="#">Apache Software License v1.1</a>
Oracle MICROS Enterprise Back Office	DataTables Version 1.10.19	Copyright © 2008-2015 SpryMedia Ltd. A copy of the license is below. <a href="#">MIT License</a>



MICROS Product	Component(s)	Licensing Information
Oracle MICROS Enterprise Back Office	Web Distributed Data Exchange (WDDX) Version 1.0	Copyright © 1998-1999 Allaire Corporation. A copy of the license is below. <a href="#">WDDX License</a>
Oracle MICROS Enterprise Back Office	Xalan-Java Version 2.7.2	Copyright © The Apache Software Foundation. A copy of the license is below. <a href="#">Apache License v2.0</a>

# 3

## Licenses

### Apache License v2.0

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, 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 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, 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.

## Apache Software License v1.1

Copyright (c) 1999-2003 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 acknowledgement: "This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>)."  
Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.
4. The names "Xalan" 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](mailto: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 (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 and was originally based on software copyright (c) 1999, Lotus Development Corporation., <http://www.lotus.com>. For more information on the Apache Software Foundation, please see <http://www.apache.org/>.

## BSD License

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 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.

## Dynamic Drive DHTML Scripts Terms of Use

Last updated: July 7th, 2015

Unless indicated otherwise by the credit, **all** scripts on this site are original scripts written by the authors of Dynamic Drive, and are protected by both US and international copyright laws. The below lists the terms of use users of Dynamic Drive **must** agree to before using the programs/scripts:

1. Users may use any DHTML scripts offered for download on Dynamic Drive, free of charge, on both personal and commercial web sites. This includes web designers who wish to use our DHTML scripts in their paid web site projects.
2. You may modify our scripts to customize them based on your needs.
3. Users may NOT, however, redistribute or repost/ resell for download any DHTML script found on Dynamic Drive. Redistribution is defined as re-offering our scripts for download in any fashion, whether on a competing web site, an application that generates code snippets, or a CD-ROM collection of CSS/JavaScript codes etc. Some examples of what is acceptable and what is not are:

Acceptable:

- Use our DHTML scripts on any personal or commercial web site to aid in its functionality/ usability.
- As a web designer, use our DHTML scripts in your paid projects for your client web sites.
- As a software developer, use our DHTML scripts within a application/ program as part of its interface, such as a CSS menu being used as the program's navigation interface. The program itself can be distributable.

In all cases above, the credit notice within the script must remain intact and unaltered.

Not Acceptable:

-Put our DHTML scripts on another script library or webmaster type site for others to download.

-Use our DHTML scripts in any type of service or application whereby our codes are part of the product offerings themselves.

-Put our DHTML scripts in any other types of medium for direct redistribution, such as a CD-ROM that consists of, but not limited to, webmaster codes and web graphics.

4. Users are NOT required to retain the credit notice inside each script for legal use of said script (new addendum July 2nd 2015), though we would appreciate if the notice remained intact. The credit notice of each script appears between the <script> tag, such as:

```
/******
```

```
* Dynamic Countdown script- (c) Dynamic Drive (http://www.dynamicdrive.com)
```

```
* Please keep this notice intact
```

```
* Visit http://www.dynamicdrive.com/ for this script and 100s more.
```

```
*****/
```

5. Users agree not to use scripts found on Dynamic Drive for illegal purposes, or on pages containing illegal material.
6. Users agree not to hold Dynamic Drive liable for any damages resulted from proper or improper use of any of the scripts found on Dynamic Drive. Use at your own risk.
7. Users are not required to [link back](#) to Dynamic Drive to use our DHTML scripts, as much as they are appreciated. :)

By using any of the scripts on Dynamic Drive, you understand that you have read and agreed to the above usage terms.

## Eclipse Public License v1.0

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.

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.

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 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.

## GNU General Public License v3

Copyright © 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 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 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 “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.

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 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 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 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 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 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
- 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.

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 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 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 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 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 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.

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

## GNU Lesser General Public License v2.1

Version 2.1, February 1999

Copyright (C) 1991, 1999 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.

[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 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. 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 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 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 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 executables.

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.

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 (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 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.

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 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.

#### 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 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

## GNU Library General Public License v2

Version 2, June 1991

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.

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.

#### 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 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.

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 objects 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.

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 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 a brief idea of what it does. Copyright (C)

yyyy 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.

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) 19yy 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.

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.

## ICU License – ICU 1.8.1 and Later

Copyright (c) 1995-2006 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.

## JDOM License

Copyright © 2000-2004 Jason Hunter & Brett McLaughlin. 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 disclaimer that follows these conditions in the documentation and/or other materials provided with the distribution.
3. The name "JDOM" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact .
4. Products derived from this software may not be called "JDOM", nor may "JDOM" appear in their name, without prior written permission from the JDOM Project Management .

In addition, we request (but do not require) that you include in the end-user documentation provided with the redistribution and/or in the software itself an acknowledgement equivalent to the following:

"This product includes software developed by the JDOM Project (<http://www.jdom.org/>)."

Alternatively, the acknowledgment may be graphical using the logos available at <http://www.jdom.org/images/logos>.

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 JDOM AUTHORS OR THE PROJECT 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 JDOM Project and was originally created by Jason Hunter and Brett McLaughlin.

## 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:

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.

## SIL Open Font License 1.1

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 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, 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 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.

## SimpleCaptcha 1.2.1

Copyright (c) 2008-2009, James Childers

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 SimpleCaptcha 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.

## WDDX License

### WDDX General License

(rev. 0.9)

Copyright © 1998-1999 Allaire Corporation, One Alewife Center, Cambridge, MA 02140, USA.

You can copy and distribute verbatim copies of this document, but you are not permitted to change it.

#### Purpose

WDDX.org--currently sponsored by Allaire Corporation--is devoted to:

- 1.the continuing community-based evolution and broad adoption of the WDDX Specification;
- 2.the development and wide availability of WDDX Projects; and
- 3.the support of the WDDX developer community.

The purpose of the WDDX Public License, or WPL, is to further the goals of WDDX.org by:

1. encouraging broad sharing and distribution of WDDX Project source and non-source materials;
2. preventing members of the WDDX developer community from accidentally waiving copyrights or incurring liability for freely distributing source and non-source materials; and
3. encouraging the consistent evolutionary development of the WDDX Specification by through communication of modifications that are not compliant with or add to the WDDX Specification back to WDDX.org.

#### The WDDX Specification and WDDX Projects

The WDDX Specification is made up of documents and other materials that have been prepared and made available to the WDDX developer community. The WDDX Specification is currently sponsored by Allaire Corporation and is available from [www.wddx.org](http://www.wddx.org). The WDDX Specification is expected to change from time to time; as used in this license, the term "WDDX Specification" refers to the most current released version.

WDDX Projects (sometimes just called "Projects" in this license) are programming language and technology-specific serializer/deserializer implementations based on the WDDX Specification. Projects may include source materials (which may be modified and distributed under this License) and non-source materials (which may not be modified but may be distributed under this license). For more information on the WDDX Specification, available WDDX Projects and the WDDX developer community, please visit [www.wddx.org](http://www.wddx.org).

#### Scope of the WDDX Public License

This license applies to:

1. WDDX Projects including source and non-source materials provided by WDDX.org or Allaire Corporation; and
2. any WDDX Project including source and non-source materials which contains a notice from the holder of the copyright saying that the Project is subject to this WDDX Public License.

This license does not apply to any other software or other copyrighted work that does not state that it is subject to this license. Specific portions of Projects and other materials provided by WDDX.org or Allaire Corporation or otherwise subject to this WDDX Public License may be subject to copyrights held by others and subject to different license terms. Please see the appropriate text files or other end-user documents for the license terms and conditions governing those portions.

You are not required to accept this license, since you have not signed it. However, nothing else grants you permission to modify or distribute WDDX Projects. Projects are protected by the copyright laws of the United States and international treaty provisions. There are severe penalties, both civil and criminal, for copyright infringement. Therefore, by copying, modifying or distributing a WDDX Project covered by this license (or any work based on that Project), you indicate your acceptance of this license to do so, and all its terms and conditions for copying, distributing or modifying the Project or works based on it.

#### Licensing Terms Applicable to both Source and Non-Source Materials

Source materials include only materials identified as source materials. Non-Source materials include any materials that are not identified as source materials.

You may copy and distribute exact copies of the both source and non-source materials, in any medium, but only if each of the following conditions are met:

1. you conspicuously and appropriately publish on each copy the holders copyright notice and disclaimer of warranty;
2. you keep intact all the notices that refer to this license and to the absence of any warranty; and
3. you give any other recipients of the copy (along with the copy) a copy of this license.

Source and non-source materials are provided by the WDDX.org and Allaire Corporation royalty-free. Unless otherwise expressly provided in the copyright holder's notice referring to this license, you can assume that Projects provided by other copyright holders are also provided royalty-free. A fee may be charged for any warranty provided for a Project covered by this license.

#### Licensing Terms Applicable only to Source Materials

You may modify source materials for the purposes of designing, developing and testing your own Projects. However, you are permitted to copy and redistribute the modified source materials only if each of the conditions set for in the prior section are met, and in addition each of the following additional conditions are met:

1. the modified source and non-source materials carry prominent notices stating that you changed the materials and the date of any change; and
2. If your modification causes the source or non-source materials to become non-compliant with the WDDX specification, you first provide a copy (by email to

source@wddx.org) of the modified work to the WDDX.org without charge, accompanied by a notification that the modification is non-compliant and a brief description of the nature of the non-compliance.

The second condition is not intended to prevent you from modifying the source materials in any way, or even to prevent you from distributing Projects that do not comply with the WDDX Specification. Instead, the second condition will help the WDDX organization to monitor Project innovations and evolve the WDDX specification in response to compelling or popular modifications.

#### No Additional Rights or Licenses

You may not copy, modify, sublicense, or distribute any Project subject to this license as expressly provided by this license. Any attempt otherwise to copy, modify, sublicense or distribute the Project (or any work based on the Project) 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. You may not remove or alter any copyright or other proprietary notices on any source or non-source materials.

This license does not authorize you to use the name of the WDDX Organization, WDDX.org, Allaire Corporation, and other copyright holder using this license or any of their trademarks to endorse or promote Projects or works based on Projects subject to this license.

#### No Warranty and Limitation of Remedies

ALLAIRE, THE WDDX ORGANIZATION AND OTHER COPYRIGHT HOLDERS USING THIS LICENSE PROVIDE NO REMEDIES OR WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, FOR ANY PORTION OF ANY WDDX PROJECT OR OTHER MATERIALS SUBJECT TO THIS LICENSE, ALL OF WHICH IS PROVIDED "AS IS."

IN NO CASE SHALL ALLAIRE, THE WDDX ORGANIZATION OR ANY OTHER COPYRIGHT HOLDER USING THIS LICENSE BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OR LOSS, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR THE INABILITY TO USE EQUIPMENT OR ACCESS DATA, WHETHER SUCH DAMAGES ARE BASED UPON A BREACH OF EXPRESS OR IMPLIED WARRANTIES, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL THEORY. THIS IS TRUE EVEN IF THE HOLDER IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO CASE WILL A COPYRIGHT HOLDER'S LIABILITY EXCEED THE AMOUNT OF THE LICENSE FEE, IF ANY, ACTUALLY PAID BY YOU.

SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES SO THE WARRANTY LANGUAGE ABOVE MAY NOT APPLY TO YOU. IN SUCH CASE, ANY COPYRIGHT HOLDER'S LIABILITIES SHALL BE LIMITED BY THE PROVISIONS ABOVE LIMITING LIABILITY.

#### U.S. Government Licensing Rights; Notification of Export Restriction

If the Project is licensed under a U.S. Government contract, you acknowledge that the software and related documentation are "commercial items," as defined in 48 C.F.R 2.01, consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48

C.F.R. 12.212 and 48 C.F.R. 227.7202-1. You also acknowledge that the software is "commercial computer software" as defined in 48 C.F.R. 252.227-7014(a)(1). U.S. Government agencies and entities and others acquiring under a U.S. Government contract shall have only those rights, and shall be subject to all restrictions, set forth in this license.

#### Miscellaneous

This license is the complete license concerning the software and related documentation. If you have any questions concerning this license, you may contact WDDX.org at [www.wddx.org](http://www.wddx.org).