

# LICENSING BIBLE

Project: sigit/sigitweba

Branch: **master** (6df26388042b2b2c7d4879ae049e03405e731b29)

Created on 2023-10-13 16:25 UTC

# Bill of components

(registry)

# Libraries (java) org.jboss.ejb3:jboss-ejb3-ext-api -- (compile) We were not able to find a valid license. (registry) aopalliance:aopalliance 1.0 (compile) **PUBDOM** (registry) axis 1.4 (compile) Apache-2.0 (registry) axis:axis-jaxrpc 1.4 (compile) Apache-2.0 (registry) captcha-simplecaptcha 1.1.1 (compile) LGPL-2.1-only (registry) cglib:cglib-nodep 2.1\_3 (compile) Apache-2.0 (registry) com.lowagie:itext 1.3 (compile) AGPL-3.0 (registry) commons-beanutils:commons-beanutils 1.8.0 (compile) Apache-2.0 (registry) commons-codec:commons-codec 1.7 (compile) Apache-2.0 (registry) commons-collections:commons-collections 3.2 (compile) Apache-2.0 (registry) commons-digester:commons-digester 1.8 (compile) Apache-2.0

commons-discovery:commons-discovery 0.2 (compile) Apache-2.0 (registry)
commons-httpclient:commons-httpclient 3.0.1 (compile) Apache-1.0 (registry)
commons-lang:commons-lang 2.4 (compile) Apache-2.0 (registry)
commons-logging:commons-logging 1.1.3 (compile) Apache-2.0 (registry)
commons-logging:commons-logging-api 1.1 (compile) Apache-2.0 (registry)
csi-apachesoap 1.4.5 (compile) Apache-2.0 (registry)
csi-core 1.4.5 (compile) Apache-2.0 (registry)
csi-ejb 1.4.5 (compile) Apache-2.0 (registry)
csi-ejb-weblogic 1.4.5 (compile) Apache-2.0 (registry)
csi-rmi 1.4.5 (compile) Apache-2.0 (registry)
csi-stadapter 1.4.5 (compile) Apache-2.0 (registry)
csi-tools 1.4.5 (compile) Apache-2.0 (registry)

csiui-csiuicore 1.4.1 (compile) Apache-2.0 **MIT** CSI Piemonte (codice sorgente rilasciato su richiesta) (registry) custom-component 3.0.1 (compile) Apache-2.0 **MIT** CSI Piemonte (registry) displaytag:displaytag 1.2 (compile) **Artistic** (registry) displaytag:displaytag-export-poi 1.2 (compile) Artistic-2.0 (registry) ejb 2.1 (compile) **CDDL** (registry) flexjson 2.1 (compile) Apache-2.0 (registry) hibernate-jpa 2.0 (compile) LGPL-2.1 **EDL-1.0** (registry) hibernate-validator 4.3.2 (compile) Apache-2.0 (registry) iridev2-pep-base-wsnmsf 1.0.0 (compile) Apache-2.0 **MIT** CSI Piemonte (registry) iridev2-pep-intf 2.0.0 (compile) Apache-2.0 **CSI** Piemonte (registry)

```
jaas 1.0 (compile)
   CDDL
(registry)

✓ javassist:javassist 3.11.0.GA (compile)

   GPL
(registry)
iavax.activation:activation -- (compile)
   CDDL-1.1
   AAL
(registry)
javax.inject 1.0.0 (compile)
   Apache-2.0
(registry)
javax.jws:jsr181-api -- (compile)
   libpng-2.0
(registry)

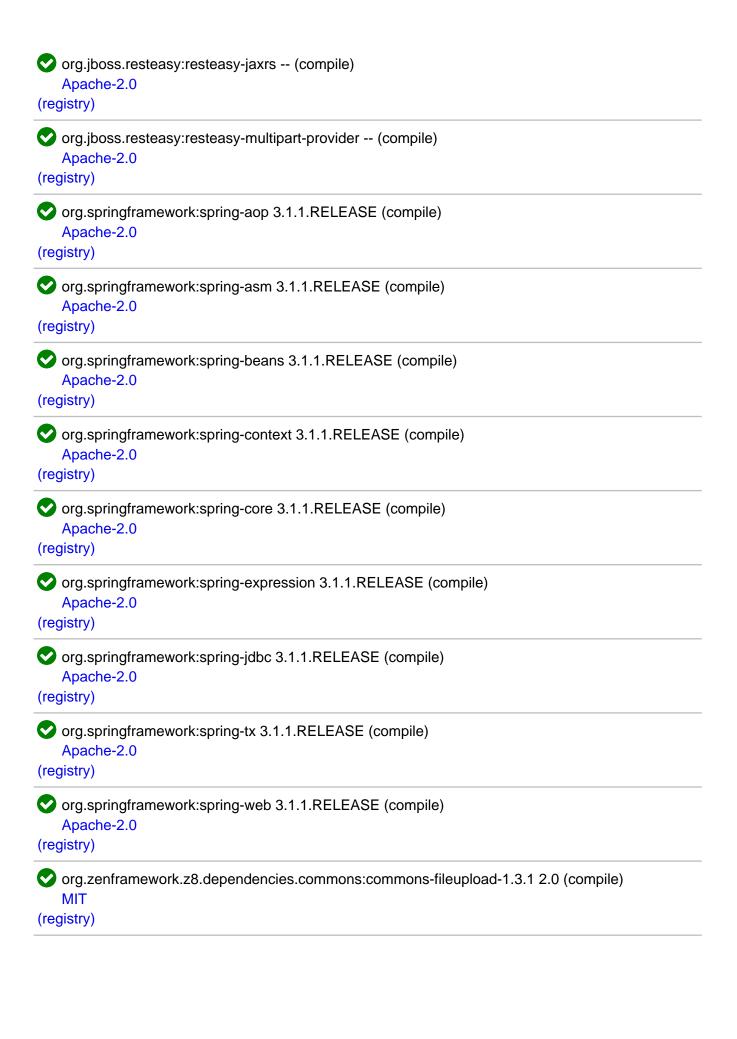
✓ javax.mail:mail -- (compile)

   libpng-2.0
(registry)
javax.servlet:jstl 1.2 (compile)
   CDDL
   GPL-2.0
(registry)
javax.validation:validation-api -- (compile)
   Apache-2.0
(registry)
javax.xml.bind:activation 1.0.2 (compile)
   CDDL-1.1
(registry)
jaxp 1.1 (compile)
   Apache-2.0
(registry)
jboss-annotations-api 1.1 (compile)
   Apache-2.0
(registry)
```

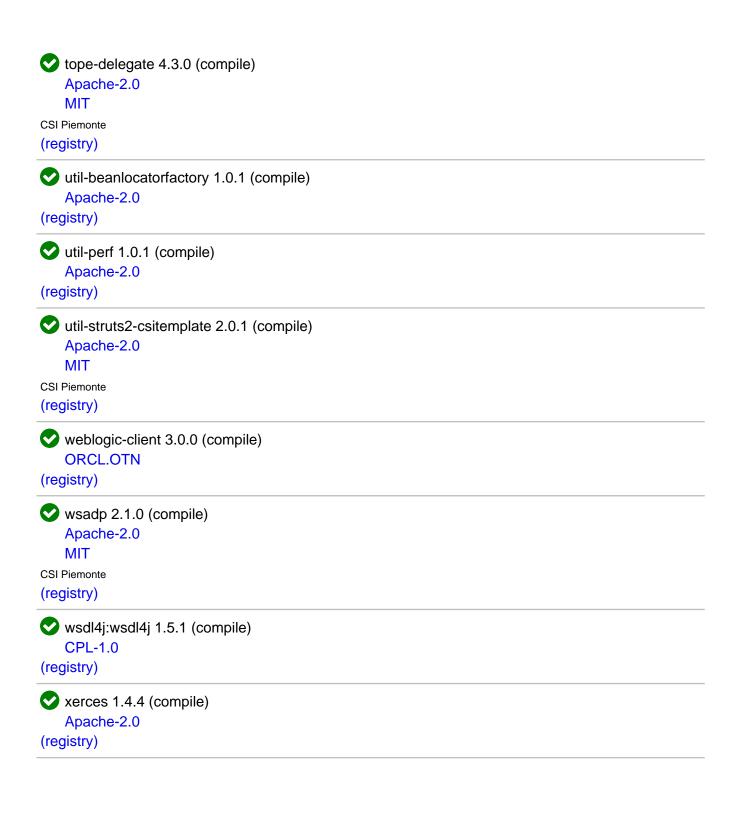
jboss-connector-api 1.6 (compile) **CDDL GPL** (registry) jboss-ejb-api 3.1 (compile) CDDL-or-GPL-2-with-Classpath-Exception (registry) jboss-el-api 2.2 (compile) (registry) jboss-interceptors-api 1.1 (compile) **CDDL** (registry) jboss-jacc-api 1.4 (compile) **CDDL** (registry) jboss-jaspi-api 1.0 (compile) **CDDL** (registry) ✓ jboss-jaxb-api 2.2 (compile) **CDDL** (registry) jboss-jaxrpc-api 1.1 (compile) **CDDL** (registry) ✓ jboss-jaxrs-api 1.1 (compile) **CDDL** (registry) jboss-jaxws-api 2.2 (compile) **CDDL** (registry) jboss-jms-api 1.1 (compile) **CDDL** (registry) ✓ jboss-jsf-api 2.1 (compile) **CDDL** (registry)

jboss-jsp-api 2.2 (compile) LGPL-2.1 (registry) jboss-jstl-api 1.2 (compile) Apache-2.0 (registry) ✓ jboss-rmi-api 1.0 (compile) LGPL-2.1 (registry) iboss-saaj-api 1.3 (compile) **CDDL** (registry) iboss-servlet-api 3.0 (compile) Apache-2.0 (registry) CDDL-or-GPL-2-with-Classpath-Exception (registry) ims 1.0.2 (compile) **CDDL** (registry) indi 1.2.1 (compile) **CDDL** (registry) log4j:log4j 1.2.14 (compile) Apache-2.0 (registry) net.htmlparser.jericho:jericho-html -- (compile) Apache-2.0 **EPL-2.0** LGPL-3.0 (registry) ognl:ognl 3.0.21 (compile) Apache-2.0 Copyright 2020 OGNL Contributors (registry)

org.apache.commons:commons-lang3 3.1 (compile) Apache-2.0 (registry) org.apache.poi:poi 3.2-FINAL (compile) Apache-2.0 (registry) org.apache.struts.xwork:xwork-core 2.3.35 (compile) Apache-2.0 (registry) org.apache.struts:struts2-core 2.3.35 (compile) Apache-2.0 (registry) org.apache.struts:struts2-portlet-plugin 2.3.35 (compile) Apache-2.0 (registry) org.apache.struts:struts2-spring-plugin 2.3.35 (compile) Apache-2.0 (registry) org.beanshell:bsh 2.0b4 (compile) LGPL-2.1-only (registry) org.codehaus.jettison:jettison 1.3.8 (compile) Apache-2.0 Copyright 2006 Envoi Solutions LLC (registry) org.freemarker:freemarker 2.3.28 (compile) Apache-2.0 **Abstyles** (registry) org.jboss.logging:jboss-logging -- (compile) Apache-2.0 (registry) org.jboss.resteasy:resteasy-jaxb-provider -- (compile) Apache-2.0 (registry)



org.zenframework.z8.dependencies.commons:commons-io-2.2 2.0 (compile) MIT (registry) portlet 6.1.10 (compile) Apache-2.0 **MIT** CSI Piemonte (registry) remincl 1.0.2 (compile) Apache-2.0 **MIT** CSI Piemonte (registry) servlet 2.4 (compile) CDDL-1.1 (registry) servlet-jsp 2.0 (compile) CDDL+GPL (registry) soap:soap 2.3.1 (compile) **CDDL** (registry) token-retry 2.0.0 (compile) Apache-2.0 **MIT** CSI Piemonte (registry) token-retry-plugin-axis 1.4 (compile) Apache-2.0 (registry) tope-dbmng-delegate 4.3.0 (compile) Apache-2.0 **MIT** CSI Piemonte (registry)





List of all licenses found in this scan

# Please note that we were not able to find the text for all the licenses listed

Attribution Assurance License	AAL
GNU Affero General Public License v3.0	AGPL-3.0
Abstyles License	Abstyles
Apache License 1.0	Apache-1.0
Apache License 2.0	Apache-2.0
Artistic (Generic)	Artistic
Artistic License 2.0	Artistic-2.0
CDDL License (Generic)	CDDL
CDDL+GPL License (Jersey)	CDDL+GPL
Common Development and Distribution License 1.1	CDDL-1.1
NetBeans IDE Dual License	CDDL-or-GPL-2-with- Classpath-Exception
Common Public License 1.0	CPL-1.0
Eclipse Distribution License 1.0 (BSD)	EDL-1.0
Eclipse Public License 2.0	EPL-2.0
GPL License (Generic)	GPL
GNU General Public License v2.0 only	GPL-2.0
GNU Lesser General Public License v2.1 only	LGPL-2.1
GNU Lesser General Public License v2.1 only	LGPL-2.1-only
GNU Lesser General Public License v3.0 only	LGPL-3.0
MIT License	MIT
Oracle Technology Network License	ORCL.OTN
Public Domain	PUBDOM
PNG Reference Library version 2	libpng-2.0

# **Attribution Assurance License**

https://spdx.org/licenses/AAL.html

Attribution Assurance License

Copyright (c) 2002 by AUTHOR PROFESSIONAL IDENTIFICATION \* URL "PROMOTIONAL SLOGAN FOR AUTHOR'S PROFESSIONAL PRACTICE"

All Rights Reserved

ATTRIBUTION ASSURANCE LICENSE (adapted from the original BSD license)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the conditions below are met. These conditions require a modest attribution to <AUTHOR> (the "Author"), who hopes that its promotional value may help justify the thousands of dollars in otherwise billable time invested in writing this and other freely available, open-source software.

- 1. Redistributions of source code, in whole or part and with or without modification (the "Code"), must prominently display this GPG-signed text in verifiable form.
- 2. Redistributions of the Code in binary form must be accompanied by this GPG-signed text in any documentation and, each time the resulting executable program or a program dependent thereon is launched, a prominent display (e.g., splash screen or banner text) of the Author's attribution information, which includes:
  - (a) Name ("AUTHOR"),
  - (b) Professional identification ("PROFESSIONAL IDENTIFICATION"), and
  - (c) URL ("URL").
- 3. Neither the name nor any trademark of the Author may be used to endorse or promote products derived from this software without specific prior written permission.
- 4. Users are entirely responsible, to the exclusion of the Author and any other persons, for compliance with (1) regulations set by owners or administrators of employed equipment, (2) licensing terms of any other software, and (3) local regulations regarding use, including those regarding import, export, and use of encryption software.

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

# GNU Affero General Public License v3.0

https://opensource.org/licenses/AGPL-3.0

GNU Affero General Public License version 3 Open Source Initiative Skip to content <> <https://opensource.org>

- \* About <a href="https://opensource.org/about/">https://opensource.org/about/>
- \* Programs <a href="https://opensource.org/programs/">https://opensource.org/programs/</a>
- \* Licenses <a href="https://opensource.org/licenses/">https://opensource.org/licenses/</a>>
- \* Open Source Definition <a href="https://opensource.org/osd/">https://opensource.org/osd/</a>
- \* News <a href="https://blog.opensource.org">https://blog.opensource.org</a>
- \* Join <a href="https://members.opensource.org/join/">https://members.opensource.org/join/>
- \* About <a href="https://opensource.org/about/">https://opensource.org/about/>
- \* Programs <a href="https://opensource.org/programs/">https://opensource.org/programs/</a>
- \* Licenses <a href="https://opensource.org/licenses/">https://opensource.org/licenses/</a>>
- \* Open Source Definition <a href="https://opensource.org/osd/">https://opensource.org/osd/</a>
- \* News <a href="https://blog.opensource.org">https://blog.opensource.org</a>
- \* Join <a href="https://members.opensource.org/join/">https://members.opensource.org/join/> Open Main Menu

Search Our Site

#### Search

Search for:

\* Uncategorized <a href="https://opensource.org/licenses/?categories=uncategorized">https://opensource.org/licenses/?categories=uncategorized</a> GNU Affero General Public License version 3

Version 3.0Submitted: January 30, 2008

<a href="https://lists.opensource.org/pipermail/license-review">https://lists.opensource.org/2008-January/000058.html</a>

Submitter: Stefano MaffulliApproved: March 3, 2008 Board minutes

<a href="https://opensource.org/meeting-minutes/minutes20080312/">https://opensource.org/meeting-minutes/minutes20080312/</a> SPDX short

identifier: AGPL-3.0-only

Steward:

\* Free Software Foundation

<a href="https://opensource.org/steward/free-software-foundation/">https://opensource.org/steward/free-software-foundation/</a> Link to license steward's version <a href="https://www.gnu.org/licenses/agpl-3.0.html">https://www.gnu.org/licenses/agpl-3.0.html</a> Copyright (C) 2007 Free Software Foundation, Inc. <a href="http://fsf.org/">http://fsf.org/</a> Everyone is permitted to copy and distribute verbatim copies of this license

document, but changing it is not allowed.

# Preamble

The GNU Affero General Public License is a free, copyleft license for software and other kinds of works, specifically designed to ensure cooperation with the community in the case of network server software.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, our General Public Licenses are intended to guarantee your freedom to share and change all versions of a programto make sure it remains free software for all its users.

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.

Developers that use our General Public Licenses protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License which gives you legal permission to copy, distribute and/or modify the software.

A secondary benefit of defending all users freedom is that improvements made in alternate versions of the program, if they receive widespread use, become available for other developers to incorporate. Many developers of free software are heartened and encouraged by the resulting cooperation. However, in the case of software used on network servers, this result may fail to come about. The GNU General Public License permits making a modified version and letting the public access it on a server without ever releasing its source code to the

The GNU Affero General Public License is designed specifically to ensure that, in such cases, the modified source code becomes available to the community. It requires the operator of a network server to provide the source code of the modified version running there to the users of that server. Therefore, public use of a modified version, on a publicly accessible server, gives the public access to the source code of the modified version.

An older license, called the Affero General Public License and published by Affero, was designed to accomplish similar goals. This is a different license, not a version of the Affero GPL, but Affero has released a new version of the Affero GPL which permits relicensing under this license.

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 Affero 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 works 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 works users, your or third parties legal rights to forbid circumvention of technological measures.

### 4. Conveying Verbatim Copies.

You may convey verbatim copies of the Programs 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

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 compilations 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 partys 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 contributors contributor version.

A contributors 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 contributors 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 recipients 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. Remote Network Interaction; Use with the GNU General Public License.

Notwithstanding any other provision of this License, if you modify the Program, your modified version must prominently offer all users interacting with it remotely through a computer network (if your version supports such interaction) an opportunity to receive the Corresponding Source of your version by providing access to the Corresponding Source from a network server at no charge, through some standard or customary means of facilitating copying of software. This Corresponding Source shall include the Corresponding Source for any work covered by version 3 of the GNU General Public License that is incorporated pursuant to the following paragraph.

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 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 work with which it is combined will remain governed by version 3 of the GNU General Public License.

### 14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU Affero 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 Affero 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 Affero 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 Affero General Public License can be used, that proxys 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

How to Apply These Terms to Your New Programs

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

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

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author> This program is free software: you can redistribute it and/or modify it under the terms of the GNU Affero General
Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version. This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Affero General Public License for more details. You should have received a copy of the GNU Affero General Public License along with this program. If not, see <a href="http://www.gnu.org/licenses/">http://www.gnu.org/licenses/</a>>.
Also add information on how to contact you by electronic and paper mail.

If your software can interact with users remotely through a computer network, you should also make sure that it provides a way for users to get its source. For example, if your program is a web application, its interface could display a Source link that leads users to an archive of the code. There are many ways you could offer source, and different solutions will be better for different programs; see section 13 for the specific requirements.

You should also get your employer (if you work as a programmer) or school, if

any, to sign a copyright disclaimer for the program, if necessary. For more information on this, and how to apply and follow the GNU AGPL, see <a href="http://www.gnu.org/licenses/">http://www.gnu.org/licenses/>.

Join Us <a href="https://opensource.org/join/">https://opensource.org/join/>

- \* Mastodon <a href="mailto://social.opensource.org/@osi">https://social.opensource.org/@osi</a>
- \* Twitter <https://twitter.com/OpenSourceOrg>
- \* LinkedIn <a href="https://www.linkedin.com/company/open-source-initiative-osi-">https://www.linkedin.com/company/open-source-initiative-osi->

#### About

- \* About <a href="https://opensource.org/about/">https://opensource.org/about/>
- \* Staff <a href="https://opensource.org/volunteersandstaff/">https://opensource.org/volunteersandstaff/>
- \* Associations <a href="https://opensource.org/associations/">https://opensource.org/associations/</a>
- \* Affiliates <a href="https://opensource.org/affiliates/">https://opensource.org/affiliates/</a>
- \* Articles of Incorporation
- <a href="https://opensource.org/articles-of-incorporation/">https://opensource.org/articles-of-incorporation/</a>
- \* Bylaws <a href="https://opensource.org/bylaws/">bylaws <a href="https://opensource.org/bylaws/">bylaws/<a href="https://open
- \* History <a href="https://opensource.org/history/">https://opensource.org/history/</a>
- \* Privacy policy <a href="https://opensource.org/privacy/">https://opensource.org/privacy/>

#### Licenses

- \* Open Source Definition <a href="https://opensource.org/osd/">https://opensource.org/osd/</a>
- \* Licenses <a href="https://opensource.org/licenses/">https://opensource.org/licenses/</a>>
- \* License Review Process <a href="https://opensource.org/licenses/review-process/">https://opensource.org/licenses/review-process/</a>
- \* Open Standards Requirement for Software <a href="https://opensource.org/osr/">https://opensource.org/osr/</a>

- \* Board of Directors <a href="https://opensource.org/about/board-of-directors/">https://opensource.org/about/board-of-directors/</a>
- \* Minutes <a href="https://opensource.org/minutes/">https://opensource.org/minutes/</a>
- \* Elections <a href="https://opensource.org/about/board-of-directors/elections/">https://opensource.org/about/board-of-directors/elections/</a>
- \* Organization & Operations <a href="https://opensource.org/organization/">https://opensource.org/organization/</a>
- \* Conflict of Interest Policy
- <a href="https://opensource.org/conflict\_of\_interest\_policy/">https://opensource.org/conflict\_of\_interest\_policy/>
- \* Board member agreement
- <a href="https://opensource.org/board/board-member-agreement/">https://opensource.org/board/board-member-agreement/</a>

# Trademark and logo

- \* OSI Trademark Guidelines <a href="https://opensource.org/trademark-guidelines/">https://opensource.org/trademark-guidelines/</a>
- \* OSI Logo Files <a href="https://opensource.org/osi-logo-files/">https://opensource.org/osi-logo-files/</a>
- \* Logo Usage Guidelines <a href="https://opensource.org/logo-usage-guidelines/">https://opensource.org/logo-usage-guidelines/</a>

### Community

- \* Resources <a href="https://opensource.org/resources/">https://opensource.org/resources/</a>
- \* Become an Individual Member <a href="https://opensource.org/members/">https://opensource.org/members/</a>
- \* Events <a href="https://opensource.org/events/">
- \* Become an OSI Affiliate <a href="https://opensource.org/affiliates/about/">https://opensource.org/affiliates/about/</a>
- \* Affiliate Organizations <a href="https://opensource.org/affiliates/">https://opensource.org/affiliates/</a>

Proudly powered by WordPress.

<a href="https://wordpress.com/wp/?partner">https://wordpress.com/wp/?partner</a> domain=opensource.

org&utm\_source=Automattic&utm\_medium=colophon&utm\_campaign=Concierge%20Referral&utm\_term=opensource.org> Hosted by Pressable.

<a href="https://pressable.com/?utm\_source=Automattic&utm\_medium=rpc&utm\_campaign=Concierge%20Referral&utm\_term=concierge%20Re

# **Abstyles License**

https://spdx.org/licenses/Abstyles.html

This is APREAMBL.TEX, version 1.10e, written by Hans-Hermann Bode (HHBODE@DOSUNI1.BITNET), for the BibTeX adaptable' family, version 1.10. See the file APREAMBL.DOC for a detailed documentation.

This program is distributed WITHOUT ANY WARRANTY, express or implied.

Copyright (C) 1991, 1992 Hans-Hermann Bode

Permission is granted to make and distribute verbatim copies of this document provided that the copyright notice and this permission notice are preserved on all copies.

Permission is granted to copy and distribute modified versions of this document under the conditions for verbatim copying, provided that the entire resulting derived work is distributed under the terms of a permission notice identical to this one.

# **Apache License 1.0**

https://spdx.org/licenses/Apache-1.0.html

Copyright (c) 1995-1999 The Apache Group. All rights reserved.

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

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. All advertising materials mentioning features or use of this software must display the following acknowledgment: "This product includes software developed by the Apache Group for use in the Apache HTTP server project (http://www.apache.org/)."
- 4. The names "Apache" and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.
- 5. Products derived from this software may not be called "Apache" nor may "Apache" appear in their name, without prior written permission of the Apache Group.
- 6. Redistributions of any form whatsoever must retain the following acknowledgment:
  "This product includes software developed by the Apache Group for use in the Apache HTTP server project (http://www.apache.org/)."

THIS SOFTWARE IS PROVIDED BY THE APACHE GROUP 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 GROUP 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 Group and was originally based on public domain software written at the National Center for Supercomputing Applications, University of Illinois, Urbana-Champaign. For more information on the Apache Group and the Apache HTTP server project, please see <a href="https://www.apache.org/">https://www.apache.org/</a>.

# **Apache License 2.0**

https://spdx.org/licenses/Apache-2.0.html

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

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

1. Definitions.

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

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

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

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

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

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

# **Artistic (Generic)**

https://spdx.org/licenses/Artistic-1.0.html

#### The Artistic License

#### Preamble

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

#### Definitions:

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

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

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

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

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

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

- \* 1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
- \* 2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
- \* 3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
- \* a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as ftp.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
- \* b) use the modified Package only within your corporation or organization.
- \* c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
- \* d) make other distribution arrangements with the Copyright Holder.
- \* 4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
- \* a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
- \* b) accompany the distribution with the machine-readable source of the Package with your modifications.
- \* c) accompany any non-standard executables with their corresponding Standard Version executables, giving the non-standard executables non-standard names, and clearly documenting the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- \* d) make other distribution arrangements with the Copyright Holder.
- \* 5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not

advertise this Package as a product of your own.

- \* 6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whomever generated them, and may be sold commercially, and may be aggregated with this Package.
- \* 7. C or perl subroutines supplied by you and linked into this Package shall not be considered part of this Package.
- \* 8. The name of the Copyright Holder may not be used to endorse or promote
- products derived from this software without specific prior written permission.

  \* 9. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. The End

# **Artistic License 2.0**

https://spdx.org/licenses/Artistic-2.0.html

The Artistic License 2.0

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

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

#### Preamble

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

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

#### **Definitions**

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

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

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

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

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

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

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

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

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

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

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

Permission for Use and Modification Without Distribution

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

Permissions for Redistribution of the Standard Version

- (2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.
- (3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

Distribution of Modified Versions of the Package as Source

- (4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:
- (a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.
- (b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

- (c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under
  - (i) the Original License or
- (ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

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

- (5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.
- (6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

#### Aggregating or Linking the Package

- (7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.
- (8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

Items That are Not Considered Part of a Modified Version

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

#### **General Provisions**

- (10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.
- (11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.
- (12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.
- (13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

## (14) Disclaimer of Warranty:

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

# **CDDL License (Generic)**

<a href="https://zh.wikipedia.org/wiki/">https://zh.wikipedia.org/wiki/</a>

https://en.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License

Common Development and Distribution License - Wikipedia Jump to content <> Main menu Main menu move to sidebar hide Navigation \* Main page <> \* Contents <> \* Current events <> \* Random article <> \* About Wikipedia <> \* Contact us <> \* Donate <a href="https://donate.wikimedia.org/wiki/Special:FundraiserRedirector?utm\_source=donate&utm\_medium=sidebar&utm\_campaign=C13\_en.">https://donate.wikimedia.org/wiki/Special:FundraiserRedirector?utm\_source=donate&utm\_medium=sidebar&utm\_campaign=C13\_en.</a> wikipedia.org&uselang=en> Contribute \* Help <> \* Learn to edit <> \* Community portal <> \* Recent changes <> \* Upload file <> Languages Language links are at the top of the page across from the title. <> Search <> Search Create account <> \* Log in <> Personal tools \* Create account <> \* Log in <> Pages for logged out editors learn more <> \* Contributions <> \* Talk <> Contents move to sidebar hide \* (Top) <> \* 1Terms <> \* 2History <> Toggle History subsection \* 2.1GPL compatibility <> \* 2.2cdrtools controversy <> \* 2.3ZFS in the Linux kernel <> \* 3Adoption <> \* 4See also <> \* 5References <> \* 6External links <> Toggle the table of contents Toggle the table of contents Common Development and Distribution License 15 languages \* Catal <a href="https://ca.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License">https://ca.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License</a> \* Deutsch <a href="https://de.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License">https://de.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License</a> \* Espaol <a href="https://es.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License">https://es.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License</a> <a href="https://fa.wikipedia.org/wiki/">https://fa.wikipedia.org/wiki/</a> %D9%BE%D8%B1%D9%88%D8%A7%D9%86%D9%87\_%D8%AA%D9%88%D8%B3%D8%B9%D9%87\_%D9%88\_%D8%AA%D9%88 %D8%B2%DB%8C%D8%B9\_%D9%85%D8%B4%D8%AA%D8%B1%DA%A9> \* Franais <a href="https://fr.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License">https://fr.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License</a> <a href="https://ko.wikipedia.org/wiki/">https://ko.wikipedia.org/wiki/</a> %EA%B3%B5%EB%8F%99\_%EA%B0%9C%EB%B0%9C\_%EB%B0%8F\_%EB%B0%B0%ED%8F%AC\_%ED%97%88%EA%B0%80%E C%84%9C> \* Italiano <a href="https://it.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License">https://it.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License</a> <a href="https://ja.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License">https://ja.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License</a> \* Polski <a href="https://pl.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License">https://pl.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License</a> \* Portugus <a href="https://pt.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License">https://pt.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License</a> \* <https://ru.wikipedia.org/wiki/CDDL> \* Slovenina <a href="https://sk.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License">https://sk.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License</a> \* Svenska <a href="https://sv.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License">https://sv.wikipedia.org/wiki/Common\_Development\_and\_Distribution\_License</a> <a href="https://uk.wikipedia.org/wiki/%D0%9B%D1%96%D1%86%D0%B5%D0%BD%D0%B7%D1%96%D1%8F\_CDDL">https://uk.wikipedia.org/wiki/%D0%9B%D1%96%D1%86%D0%B5%D0%BD%D0%B7%D1%96%D1%8F\_CDDL</a>

%E9%80%9A%E7%94%A8%E5%BC%80%E5%8F%91%E4%B8%8E%E6%95%A3%E5%B8%83%E8%AE%B8%E5%8F%AF%E8%AF% 81>

**Fdit links** 

<a href="https://www.wikidata.org/wiki/Special:EntityPage/Q304628#sitelinks-wikipedia">https://www.wikidata.org/wiki/Special:EntityPage/Q304628#sitelinks-wikipedia</a>

- \* Article <>
- \* Talk <> English
- \* Read <>
- \* Edit <>
- \* View history <> Tools Tools move to sidebar hide Actions
- \* Read <>
- \* Edit <>
- \* View history <> General
- \* What links here <>
- \* Related changes <>
- \* Upload file <>
- \* Special pages <>
- \* Permanent link <>
- \* Page information <>
- \* Cite this page <>
- \* Get shortened URL <>
- \* Wikidata item <a href="https://www.wikidata.org/wiki/Special:EntityPage/Q304628">https://www.wikidata.org/wiki/Special:EntityPage/Q304628</a>

#### Print/export

- \* Download as PDF <>
- \* Printable version <> In other projects
- \* Wikimedia Commons

From Wikipedia, the free encyclopedia Free and open-source software license

Common Development and Distribution License

AuthorSun Microsystems <>, Oracle Corporation <>

Latest version1.1

Publisher <> Oracle Corporation <>

SPDX <> identifierCDDL-1.1

CDDL-1.0

Debian FSG compatible <>Yes

FSF <> approved <> Yes (only 1.0)[1] <>

OSI <> approved <> Yes (only 1.0)[2] <>

GPL compatible <>No[1] <>

Copyleft <>Yes, file-level[1] <>

Linking from code with a different licence <>Yes[1] <>

The Common Development and Distribution License (CDDL) is a free and open-source <> software license <>,[3] <> produced by Sun Microsystems <>, based on theMozilla Public License <> (MPL). Files licensed under the CDDL can be combined with files licensed under other licenses, whether open source or proprietary.[2] <> In 2005 the Open Source Initiative <> approved the license. TheFree Software Foundation <> (FSF) considers it a free software license <>, but one which isincompatible <> with the GNU General Public License <> (GPL).[1]

# Terms[edit <>]

Derived from the Mozilla Public License <> 1.1,[4] <> the CDDL tries to address some of the problems of the MPL.[5] <> Like the MPL, the CDDL is a weak copyleft <> license in-between GPL <> license and BSD <>/MIT <> permissive licenses <>, requiring only source code files under CDDL to remain under CDDL.

Unlike strong copyleft <> licenses like the GPL, mixing of CDDL licensed source code files with source code files under other licenses is permitted without relicensing. The resulting compiled software product ("binary") can be licensed and sold under a different license, as long as the source code is still available under CDDL, which should enable more commercial business cases, according to Sun.[5] <>[6] <>[7] <>

Like the MPL the CDDL includes a patent grant to the licensee from all contributors ("patent peace"). However, in section 2.1(d), the patent grant is lost if the code implementing a patented feature is modified.[8] <>

#### History[edit <>]

The previous software license <> used by Sun <> for its open source <> projects was theSun Public License <> (SPL), also derived from the Mozilla Public License <>. The CDDL license is considered by Sun <> (now Oracle <>) to beSPL <> version 2.[9] <>

The CDDL was developed by a Sun Microsystems <> team (among them Solaris <> kernel engineer Andrew Tucker[10] <>[11] <> and Claire Giordano[12] <>), based on theMPL <> version 1.1. On December 1, 2004 the CDDL was submitted for approval to theOpen Source Initiative <>[12] <> and was approved as an open

source license <> in mid January 2005. The second CDDL proposal, submitted in early January 2005, includes some corrections that prevent the CDDL from being in conflict with European Copyright law and to allow single developers to use the CDDL for their work.

In 2006, in the first draft of the OSI's license proliferation <> committee report, the CDDL is one of nine preferred licenses listed as popular, widely used, or with strong communities.[13] <>

While the Free Software Foundation <> (FSF) also considered the CDDL a free software <> license, they saw some incompatibilities <> with their GNU General Public License <> (GPL).[1] <>

GPL compatibility[edit <>]

The question of whether and when both licenses are incompatible <> sparked debates in the free software domain in 2004 to 2006.[14] <> [15] <> For instance, the FSF considered the CDDL incompatible to their GPL license, without going into detail until 2016.[16] <>

CDDL is one of several Open Source Licenses <> which are incompatible with GPL <>>. This characteristics was inherited from the MPL 1.1 (fixed with the MPL 2.0 according to the FSF[1] <>) and results from a complex interaction of several clauses;[14] <>[17] <> the root of the problem being GPL virality <>, similar to other cases of GPL incompatibility.[18] <> Some people argue that Sun (or the Sun engineer) as creator of the license made the CDDL intentionally GPL incompatible.[14] <> According to Danese Cooper <> one of the reasons for basing the CDDL on the Mozilla license was that the Mozilla license is GPL-incompatible <>. Cooper stated, at the 6th annual Debian conference <>, that the engineers who had written the Solaris kernel requested that the license of OpenSolaris be GPL-incompatible.[19] <>

Mozilla was selected partially because it is GPL incompatible. That was part of the design when they released OpenSolaris. ... the engineers who wrote Solaris ... had some biases about how it should be released, and you have to respect that.

Simon Phipps <> (Sun's Chief Open Source Officer at the time), who had introduced Cooper as "the one who actually wrote the CDDL",[20] <> did not immediately comment, but later in the same video, he says, referring back to the license issue, "I actually disagree with Danese to some degree",[21] <> while describing the strong preference among the engineers who wrote the code for a BSD-like license, which was in conflict with Sun's preference for somethingcopyleft <>, and that waiting for legal clearance to release some parts of the code under the then unreleased GNU GPL v3 would have taken several years, and would probably also have involved mass resignations from engineers (unhappy with either the delay, the GPL, or boththis is not clear from the video).

Later, in September 2006, Phipps rejected Cooper's assertion in even stronger terms.[22] <> Similarly, Bryan Cantrill <>, who was at Sun at that time and involved in the release of CDDL licensed software stated in 2015 that he and his colleagues expected in 2006 the fast emergence of CDDL licensed software into the Linux ecosystem and the CDDL being not an obstacle.[23] <>

cdrtools controversy[edit <>]

The GPL compatibility question was also the source of a controversy behind a partial relicensing ofcdrtools <> to the CDDL which had been previously all GPL. In 2006, the Debian <> project declared the cdrtools legally undistributable because the build system <> was licensed under the CDDL.[24] <>

The author, Jrg Schilling, claimed that smake <> is an independent project and does not violate the GPLv3 <>.[25] <> Schilling also argued that even though the GPL requires all scripts required to build the work to be licensed freely, they do not necessarily have to be under the GPL.[26] <>[27] <>[page needed <>] Thus not causing an incompatibility that violates the license <>.

He also argued that in "combined works" (in contrast to "derived works <>") GPL and CDDL licensed code is compatible.[28] <>[29] <>

Red Hat <>'s attorneys have prevented cdrtools from being in Fedora <> or Red Hat Enterprise Linux <>, arguing that Schilling has an "unorthodox" view of copyright law that isn't shared by their legal counsel or the Free Software Foundation.[30] <>

ZFS in the Linux kernel[edit <>]

In 2015, the CDDL to GPL compatibility question reemerged when Ubuntu <> announced inclusion of OpenZFS <> by default.[31] <>

In 2016 Ubuntu announced that a legal review resulted in the conclusion that it is legally acceptable to use ZFS as binarykernel module <> in Linux. (As opposed to building it into the kernel image itself.)[32] <>

Others followed Ubuntu's conclusion, for instance James E. J. Bottomley argued there can not be "a convincing theory of harm" developed, making it impossible to bring the case to court.[33] <>

Eben Moglen <>, co-author of the GPLv3 <> and founder of the SFLC <>, argued that while the letters of the GPL might be violated, the spirit of both licenses is unharmed, which would be the relevant aspect in court.[34] <>

The SFLC mentioned also that a precedent exists with the Andrew File System <> 's kernel module, which is not considered a derivative work of the kernel by the kernel developers.[35] <>[36] <>

On the other hand, Bradley M. Kuhn <> and attorney Karen M. Sandler <> from the Software Freedom Conservancy <>[37] <> argued that Ubuntu would violate both licenses, as a binary ZFS module would be a derivative work of the kernel, and announced their intent to clarify this question, even by court.[38] <>[39] <> In April 2016, theUbuntu <> 16.04 LTS <> release included the CDDL-licensed ZFS on Linux <>.[40] <>

Adoption[edit <>]

Example projects released under CDDL:

- \* OpenSolaris <> (including DTrace <>, initially released alone, and ZFS <>)
- \* illumos <> (as OpenSolaris OS/Net, continuation project) and illumos distributions <>[41] <>
- \* OpenZFS <> multi platform open source volume manager and file system
- \* NetBeans <> IDE and RCP
- \* GlassFish <>
- \* Payara Server <>
- \* JWSDP <>
- \* Project DReaM <>
- \* cdrtools <>
- \* OpenDJ <>

See also[edit <>]

- \* Free and open-source software portal <>
- \* Dual-licensing <>
- \* GNAT Modified General Public License <>
- \* List of software licenses <>

References[edit <>]

- $^{\star}$  ^ a <> b <> c <> d <> e <> f <> g <> "Various Licenses and Comments About
- Them Common Development and Distribution License"
- <a href="https://www.gnu.org/licenses/license-list.html#CDDL">https://www.gnu.org/licenses/license-list.html#CDDL</a>. Free Software Foundation . Retrieved2020-10-14.
- \* ^ a <> b <> "Can code licensed under the CDDL be combined with code licensed under other open source licenses?"

<a href="https://web.archive.org/web/20091006181308/http://opensolaris.org/os/about/faq/licensing\_faq/#CDDL-combo-OpenSolaris FAQ: Common Development and Distribution License (CDDL).">https://web.archive.org/web/20091006181308/http://opensolaris.org/os/about/faq/licensing\_faq/#CDDL-combo-OpenSolaris FAQ: Common Development and Distribution License (CDDL).

OpenSolaris. Archived from the original

- <a href="http://www.opensolaris.org/os/about/faq/licensing\_faq/#CDDL-combo">http://www.opensolaris.org/os/about/faq/licensing\_faq/#CDDL-combo</a> on 2009-10-06.
- \* ^ <> Common Development and Distribution License (CDDL) Information

<a href="https://web.archive.org/web/20090304142159/http://www.sun.com/cddl/">https://www.sun.com/cddl/</a>, archived from the original <a href="http://www.sun.com/cddl/">http://www.sun.com/cddl/</a>> on 2009-03-04, We have drafted a

new open source license ...

\* ^ <> CDDL\_MPL\_redline.pdf

- <a href="https://web.archive.org/web/20060816050912/http://www.sun.com/cddl/CDDL\_MPL\_redline.pdf">https://web.archive.org/web/20060816050912/http://www.sun.com/cddl/CDDL\_MPL\_redline.pdf</a> on sun.com (archived)
- \* ^ a <> b <> CDDL Why Summary
- <a href="https://web.archive.org/web/20050214114513/http://www.sun.com/cddl/CDDL\_why\_summary.html">https://web.archive.org/web/20050214114513/http://www.sun.com/cddl/CDDL\_why\_summary.html</a> on sun.com (archived, 2005)
- \* ^ <> McNealy: CDDL is 'best of both worlds'
- <a href="https://www.zdnet.com/article/mcnealy-cddl-is-best-of-both-worlds/">https://www.zdnet.com/article/mcnealy-cddl-is-best-of-both-worlds/</a> on

zdnet.com by Aaron Tan (September 14, 2005)

- \* ^ <> CDDI
- <a href="https://tldrlegal.com/license/common-development-and-distribution-license-%28cddl-1.0%29-explained-on-tldrlegal.com">https://tldrlegal.com/license/common-development-and-distribution-license-%28cddl-1.0%29-explained-on-tldrlegal.com</a>
- \* ^ <> "Common Development and Distribution License 1.0 | Open Source

```
Initiative" <a href="https://opensource.org/licenses/CDDL-1.0">https://opensource.org/licenses/CDDL-1.0</a>. opensource.org. 31
October 2006. Retrieved 2020-07-18.
* ^ <> "SPL to CDDL as of NetBeans 5.0 - Why change licenses?"
<a href="https://web.archive.org/web/20070224082827/http://www.netbeans.org/about/legal/license-change.html">https://web.archive.org/web/20070224082827/http://www.netbeans.org/about/legal/license-change.html</a>
. NetBeans. Archived fromthe original
<a href="http://www.netbeans.org/about/legal/license-change.html#Why_change_licenses?">http://www.netbeans.org/about/legal/license-change.html#Why_change_licenses?>
on 2007-02-24. Retrieved 2006-12-31. The SPL was based on the Mozilla license -
as CDDL is as well. [..] One way to think of the CDDL is as a cleaned-up
version of the Mozilla license - anyone can reuse it as-is. It's the SPL
version 2.0.
* ^ <> "Andy Tucker on the CDDL"
<a href="https://alanhargreaves.wordpress.com/2005/04/12/andy-tucker-on-the-cddl/">https://alanhargreaves.wordpress.com/2005/04/12/andy-tucker-on-the-cddl/</a>.
Alan Hargreaves' Blog. 12 April 2005.
 * ^ <> Open source licenses, IP, and CDDL
<a href="https://web.archive.org/web/20061111055302/http://blogs.sun.com/tucker/">https://web.archive.org/web/20061111055302/http://blogs.sun.com/tucker/</a> on
Andrew Tuckers blog, "as one of the drafters of the CDDL I can at least comment
on what the license says, and on our intentions in creating it." (Tuesday April
12, 2005)
* ^ a <> b <> "For Approval: Common Development and Distribution License
(CDDL)" <a href="https://lwn.net/Articles/114840/">https://lwn.net/Articles/114840/</a>>. 1 December 2004.
  ^ <> First draft of OSI's license proliferation report
<a href="https://web.archive.org/web/20120205011112/http://www.crynwr.com/cgi-bin/ezmlm-">https://web.archive.org/web/20120205011112/http://www.crynwr.com/cgi-bin/ezmlm-</a>
cgi?3%3Amss%3A11636%3A200607%3Anknhhdligldemhkfbhpd>
. Archived from theoriginal
<a href="http://crynwr.com/cgi-bin/ezmlm-cgi?3:mss:11636:200607:nknhhdligldemhkfbhpd">http://crynwr.com/cgi-bin/ezmlm-cgi?3:mss:11636:200607:nknhhdligldemhkfbhpd</a>
Archived
<a href="https://web.archive.org/web/20140104020911/http://crynwr.com/cgi-bin/ezmlm-cgi?3:mss:11636:200607:nknhhdligldemhkfbhpd">https://web.archive.org/web/20140104020911/http://crynwr.com/cgi-bin/ezmlm-cgi?3:mss:11636:200607:nknhhdligldemhkfbhpd</a>
2014-01-04 at the Wayback Machine <> on 2012-02-05. Retrieved 2013-01-03.
* ^ a <> b <> c <> "Sun Proposes New Open-Source License"
<a href="http://www.eweek.com/c/a/Linux-and-Open-Source/Sun-Proposes-New-OpenSource-License">http://www.eweek.com/c/a/Linux-and-Open-Source/Sun-Proposes-New-OpenSource-License</a>
* ^ <> "The Blog of Ben Rockwood"
<a href="http://cuddletech.com/blog/pivot/entry.php?id=31">http://cuddletech.com/blog/pivot/entry.php?id=31</a>.
* ^ <> "Interpreting, enforcing and changing the GNU GPL, as applied to
combining Linux and ZFS" <a href="https://www.fsf.org/licensing/zfs-and-linux">https://www.fsf.org/licensing/zfs-and-linux</a>. Free
Software Foundation. April 11, 2016. Retrieved 2017-07-27.
* ^ <> "MPL / GPL Incompatibility"
<a href="http://www.tomhull.com/ocston/docs/mozgpl.html">http://www.tomhull.com/ocston/docs/mozgpl.html</a>. Retrieved 2007-12-03.
* ^ <> chandan (2006-09-18). "Copyrights, Licenses and CDDL Illustrated"
<a href="https://web.archive.org/web/20150529114715/https://blogs.oracle.com/chandan/entry/copyrights_licenses_and_cddl_illustrated">https://web.archive.org/web/20150529114715/https://blogs.oracle.com/chandan/entry/copyrights_licenses_and_cddl_illustrated</a>
. blogs.oracle.com. Archived fromthe original
<a href="https://blogs.oracle.com/chandan/entry/copyrights_licenses_and_cddl_illustrated">https://blogs.oracle.com/chandan/entry/copyrights_licenses_and_cddl_illustrated</a>
on 2015-05-29. Retrieved 2015-05-29. A common misconception is about CDDL and
GPL incompatibility. (Incompatibility in the sense: to combine two source
files, one under GPL and another under CDDL, to create a common executable.)
GPL is incompatible with most licenses like Mozilla Public License, Apache, and
CDDL. GPL wants you erase those licenses and use GPL in that place, where as
these licenses do not permit erasing them. Hence the incompatibility deadlock.
 A <> Danese Cooper (2006). OpenSolaris and CDDL discussion at Debconf 2006.
Simon_Phipps__Alvaro_Lopez_Ortega.ogg>
(Ogg Theora <>). Event occurs at 27:26. Mozilla was selected partially because
it is GPL incompatible. That was part of the design when they released
OpenSolaris. ... the engineers who wrote Solaris ... had some biases about how
it should be released, and you have to respect that (alternate URL
<a href="https://web.archive.org/web/20110722120048/http://caesar.acc.umu.se/pub/debian-meetings/2006/debconf6/theora-small/">https://web.archive.org/web/20110722120048/http://caesar.acc.umu.se/pub/debian-meetings/2006/debconf6/theora-small/</a>
2006-05-14/tower/OpenSolaris_Java_and_Debian-Simon_Phipps__Alvaro_Lopez_Ortega.ogg>
, see 27:27 through 28:24)
* ^ <> Simon Phipps (2006). OpenSolaris and CDDL discussion at Debconf 2006
Simon Phipps Alvaro Lopez Ortega.ogg>
(Ogg Theora <>). Debconf <> 2006. Event occurs at 13:00. ...we have got Danese
Cooper in the room, and she is the one who actually wrote the CDDL...
 * ^ <> Simon Phipps (2006). OpenSolaris and CDDL discussion at Debconf 2006
<a href="http://meetings-archive.debian.net/pub/debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-meetings/2006-05-14/tower/OpenSolaris_Java_and_Debian-Meetings/2006-05-14/tower/OpenSolaris_Java_And_Debian-Meetings/2006-05-14/tower/OpenSolaris_Java_And_Debian-Meetings/2006-05-14/tower/OpenSolaris_And_Debia
Simon Phipps Alvaro Lopez Ortega.ogg>
(Ogg Theora <>). Event occurs at 36:00. I actually disagree with Danese to some
* ^ <> Phipps, Simon (2006-09-04). "Re: Danese Cooper claims CDDL made
incompatible with GPL on purpose'
<a href="https://marc.info/?l=opensolaris-discuss&m=115740406507420">https://marc.info/?l=opensolaris-discuss&m=115740406507420>.</a>
OpenSolaris-Discuss List. Retrieved 2019-03-07. Nonetheless she is wrong to
characterise the opinion of the Solaris engineering team in the way she does.
She is speaking this way because she lost an argument inside Sun, not because
her view is representative of the views of Sun or its staff in the way she
claims. She, along with many actual engineers, was an advocate of using GPL for
OpenSolaris but the need to release rather than wait for one of {GPL v3,
```

Mozilla license revision, encumbrance removal} meant that this was not possible. I am still furious with her for the statement she made at DebConf, which was spiteful and an obstacle to a united FOSS movement. \* ^ <> Bryan Cantrill <> (2015-04-06). "I am the CTO of Joyent, the father of DTrace and an OS kernel developer for 20 years. AMA!" <a href="https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_cto\_of\_joyent\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_cto\_of\_joyent\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_cto\_of\_joyent\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_cto\_of\_joyent\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_cto\_of\_joyent\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_cto\_of\_joyent\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_cto\_of\_joyent\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_cto\_of\_joyent\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_cto\_of\_joyent\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/31ny87/i\_am\_the\_father\_of\_dtrace\_and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/and/cq3bs9z?context=3">https://www.reddit.com/r/IAmA/comments/and/context=3">https://www.reddit.com/r/IAmA/comments/and/context=3">https://www.reddit.com/r/IAmA/comments/and/context=3">https://www.reddit.com/r/IAmA/comments/and/context=3">https://www.reddit.com/r/IAmA/comments/and/context=3">https://www.reddit.com/r/IAmA/comments/and/context=3">https://www.reddit.com/r/IAmA/context=3">https://www.reddit.com/r/IAmA/context=3">https://www.reddit.com/r/IAmA/context=3">https://www.reddit.com/r/IAmA/context=3">https://www.reddit.com/r/IAm .reddit.com <>. Retrieved 2016-03-11. Question: Was the CDDL designed to prevent Sun technologies from entering Linux? - BC: Great question, and the answer was that we didn't know -- but the expectation was that it would be ported to Linux relatively quickly. I remember vividly standing over a terminal with a bunch of people as we actually launched OpenSolaris (like, clicked carriage return on making the DTrace code live -- which was the first in the chute), and the Sun Legal guy and I were chatting. We were both wondering if DTrace was going to show up in Linux in a month or if it would take two years. But that was the range of guesses: neither of us believed that the Linux community themselves would hold up CDDL as an obstacle, and certainly if you told me that a decade later, DTrace wouldn't be in Linux because of licensingFUD <>, I wouldn't have believed you. Of course, in hindsight, it all seems so clear:NIH <> is enormously powerful, and we were fools for discounting it. \* ^ <> "cdrtools - a tale of two licenses [LWN.net]" <a href="https://lwn.net/Articles/195167/">https://lwn.net/Articles/195167/</a>. lwn.net. Retrieved 2020-07-18. \* ^ <> "Cdrtools (Cdrecord) release information" <a href="https://cdrtools.sourceforge.net/private/cdrecord.html">https://cdrtools.sourceforge.net/private/cdrecord.html</a>. cdrtools.sourceforge.net. Retrieved 2020-07-18. \* ^ <> "The GNU General Public License" <a href="https://www.gnu.org/licenses/gpl.html">https://www.gnu.org/licenses/gpl.html</a>. Retrieved 2009-10-24. \* ^ <> "Die GPL kommentiert und erklrt Online-Version" <a href="https://web.archive.org/web/20150908033333/http://www.oreilly.de/german/freebooks/gplger/">https://web.archive.org/web/20150908033333/http://www.oreilly.de/german/freebooks/gplger/</a> (in German). O'Reilly. Archived from the original <a href="http://www.oreilly.de/german/freebooks/gplger">http://www.oreilly.de/german/freebooks/gplger</a> on 2015-09-08. Retrieved 2010-11-17. \* ^ <> "Neuer Streit um cdrtools" <a href="http://www.pro-linux.de/news/1/10155/neuer-streit-um-cdrtools.html">http://www.pro-linux.de/news/1/10155/neuer-streit-um-cdrtools.html</a>. Pro-Linux (in German).Laut Aussagen von Jrg Schilling sind die Lizenzen durchaus miteinander kompatibel. Die Regeln werden oftmals falsch ausgelegt. Die Aussagen der FSF-Verantwortlichen seien oft widersprchlich und in sich nicht schlssig. \* ^ <> "OSSCC GPL" <http://www.osscc.net/en/gpl.html>. \* ^ <> "Forbidden items - Fedora Project Wiki" <a href="https://fedoraproject.org/wiki/Forbidden\_items#cdrtools">https://fedoraproject.org/wiki/Forbidden\_items#cdrtools</a>. fedoraproject.org. Retrieved2020-07-18. \* ^ <> Michael Larabel <> (6 October 2015). "Ubuntu Is Planning To Make The ZFS File-System A "Standard" Offering" <a href="https://www.phoronix.com/scan.php?page=news\_item&px=Ubuntu-ZFS-Standard-Plans">https://www.phoronix.com/scan.php?page=news\_item&px=Ubuntu-ZFS-Standard-Plans</a>>. Phoronix <>. \* ^ <> Dustin Kirkland (18 February 2016). "ZFS Licensing and Linux" <a href="https://insights.ubuntu.com/2016/02/18/zfs-licensing-and-linux/">https://insights.ubuntu.com/2016/02/18/zfs-licensing-and-linux/</a>. Ubuntu Insights. Canonical. \* ^ <> Are GPLv2 and CDDL incompatible? <a href="http://blog.hansenpartnership.com/are-gplv2-and-cddl-incompatible/">http://blog.hansenpartnership.com/are-gplv2-and-cddl-incompatible/</a> on hansenpartnership.com by James E. J. Bottomley, "What the above analysis shows is that even though we presumed combination of GPLv2 and CDDL works to be a technical violation, there's no way actually to prosecute such a violation because we cant develop a convincing theory of harm resulting. Because this makes it impossible to take the case to court, effectively it must be concluded that the combination of GPLv2 and CDDL, provided youre following a GPLv2 compliance regime for all the code, is allowable." (23 February 2016) \* ^ <> Moglen, Eben <>; Choudhary, Mishi (26 February 2016). "The Linux Kernel, CDDL and Related Issues" <a href="https://softwarefreedom.org/resources/2016/linux-kernel-cddl.html">https://softwarefreedom.org/resources/2016/linux-kernel-cddl.html</a>. \* ^ <> Moglen, Eben <>; Choudhary, Mishi (26 February 2016). "The Linux Kernel, CDDL and Related Issues" <a href="https://softwarefreedom.org/resources/2016/linux-kernel-cddl.html">https://softwarefreedom.org/resources/2016/linux-kernel-cddl.html</a>. Historically, there's been things like the original Andrew filesystem module: a standard filesystem that really wasn't written for Linux in the first place, and just implements a UNIX filesystem. Is that derived just because it got ported to Linux that had a reasonably similar VFS interface to what other UNIXes did? ... Personally, I think that case wasn't a derived work, and I was willing to tell the AFS guys so. \* ^ <> Copying <a href="https://git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/tree/COPYING">https://git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/tree/COPYING</a> on git.kernel.org "NOTE! This copyright does \*not\* cover user programs that use kernel services <> by normal system calls <> this is merely considered normal use of the kernel, and does \*not\* fall under the heading of "derived work"." \* ^ <> Software Freedom Law Center Appoints Two New Attorneys to Defend and

Support Free and Open Source Software

<a href="http://www.softwarefreedom.org/news/2005/oct/31/new-attorneys/">http://www.softwarefreedom.org/news/2005/oct/31/new-attorneys/</a> (October 31,

```
2005)
* ^ <> GPL Violations Related to Combining ZFS and Linux
<a href="https://sfconservancy.org/blog/2016/feb/25/zfs-and-linux/">https://sfconservancy.org/blog/2016/feb/25/zfs-and-linux/</a> on
sfconservancy.org by Bradley M. Kuhn <> and Karen M. Sandler <> "Ultimately,
various Courts in the world will have to rule on the more general question of
Linux combinations. Conservancy is committed to working towards achieving
clarity on these questions in the long term. That work began in earnest last
year with the VMware lawsuit, and our work in this area will continue
indefinitely, as resources permit. We must do so, because, too often, companies
are complacent about compliance. While we and other community-driven
organizations have historically avoided lawsuits at any cost in the past, the
absence of litigation on these questions caused many companies to treat the GPL
as a weaker copyleft than it actually is." (February 25, 2016)
* ^ <> GPL Violations Related to Combining ZFS and Linux
<a href="https://sfconservancy.org/blog/2016/feb/25/zfs-and-linux/">https://sfconservancy.org/blog/2016/feb/25/zfs-and-linux/</a> on
sfconservancy.org byBradley M. Kuhn <> and Karen M. Sandler <>, "Conservancy
(as a Linux copyright holder ourselves), along with the members of our
coalition in the GPL Compliance Project for Linux Developers, all agree that
Canonical and others infringe Linux copyrights when they distribute zfs.ko."
* ^ <> "openzfs/zfs" <https://github.com/openzfs/zfs>. GitHub. Retrieved
2020-07-18.
 ^ <> "illumos Distributions"
<a href="https://wiki.illumos.org/display/illumos/Distributions">https://wiki.illumos.org/display/illumos/Distributions</a>. The illumos Family.
illumos. 20 March 2017.
External links[edit <>]
* Common Development and Distribution License (CDDL) Information
<a href="https://web.archive.org/web/20090304142159/http://www.sun.com/cddl/">https://web.archive.org/web/20090304142159/http://www.sun.com/cddl/</a>, archived
from the original <a href="http://www.sun.com/cddl/">http://www.sun.com/cddl/">http://www.sun.com/cddl/</a>> on 2009-03-04
 * "CDDL 1.0 copy at opensource.org" <a href="http://opensource.org/licenses/CDDL-1.0">http://opensource.org/licenses/CDDL-1.0</a>
. 31 October 2006. Retrieved 9 April 2013.
* Redline diffs between MPL1.1 and CDDL
<a href="https://web.archive.org/web/20090304142159/http://www.sun.com/cddl/CDDL_MPL_redline.pdf">https://web.archive.org/web/20090304142159/http://www.sun.com/cddl/CDDL_MPL_redline.pdf</a>
(PDF), p. 9, archived from the original
<a href="http://www.sun.com/cddl/CDDL_MPL_redline.pdf">http://www.sun.com/cddl/CDDL_MPL_redline.pdf</a> (PDF) on 2009-03-04
* Summary description of changes
<a href="https://web.archive.org/web/20090304142159/http://www.sun.com/cddl/CDDL_why_summary.html">https://web.archive.org/web/20090304142159/http://www.sun.com/cddl/CDDL_why_summary.html</a>
, archived fromthe original <a href="http://www.sun.com/cddl/CDDL_why_summary.html">http://www.sun.com/cddl/CDDL_why_summary.html</a> on
2009-03-04
* Detailed description of changes
<a href="https://web.archive.org/web/20090304142159/http://www.sun.com/cddl/CDDL_why_details.html">https://web.archive.org/web/20090304142159/http://www.sun.com/cddl/CDDL_why_details.html</a>
, archived from the original <a href="http://www.sun.com/cddl/CDDL_why_details.html">http://www.sun.com/cddl/CDDL_why_details.html</a> on
2009-03-04
* FAQ on CDDL on Open Solaris Site
<a href="https://web.archive.org/web/20071027082141/http://www.opensolaris.org/os/about/fag/licensing">https://web.archive.org/web/20071027082141/http://www.opensolaris.org/os/about/fag/licensing</a> fag/>
* Copyrights, Licenses and CDDL Illustrated
<a href="https://web.archive.org/web/20150529114715/https://blogs.oracle.com/chandan/entry/copyrights_licenses_and_cddl_illustrated">https://web.archive.org/web/20150529114715/https://blogs.oracle.com/chandan/entry/copyrights_licenses_and_cddl_illustrated</a>
on oracle.com (2006)
* The Common Development and Distribution License
<a href="https://lwn.net/Articles/114839/">https://lwn.net/Articles/114839/</a>, Linux Weekly News <> Editorial (December 8,
2004)
 CDDL Analysis from a DFSG perspective, and Opinion Piece
<a href="http://soundadvice.id.au/blog/2005/02/04/#cddl">http://soundadvice.id.au/blog/2005/02/04/#cddl</a> (2005)
* V <>
* t <>
* e <>Sun Microsystems <> (acquired by Oracle <>)
Hardware
 Sun-1 <>
* Sun-2 <>
* Sun-3 <>
* Sun386i <>
* Sun-4 <>
* SPARCstation <>
* 1 <>
* 2 <>
* 10 <>
* 20 <>
* 5 <>
* Netra <>
* Ultra <>
* Enterprise <>
* Sun Blade <>
* Sun Fire <>
* SPARC Enterprise <>
```

\* SPARC <>
\* JavaStation <>

\* Sun Ray <> \* Sun Modular Datacenter <> Software \* SunOS <> \* Solaris <> \* NIS <> \* NIS+ <> \* NFS <> \* ZFS <> \* SunView <> \* NeWS <> \* OpenWindows <> \* Java Desktop System <> \* Studio <> \* Java <> \* StarOffice <> \* iPlanet <> \* Sun Java System <> \* Sun Secure Global Desktop <> \* MySQL <> \* Sun xVM <> \* GlassFish <> \* VirtualBox <> Storage \* StorageTek <> \* Sun Open Storage <> \* QFS <> \* ZFS <> Performance \* Sun Cloud <> \* Sun Constellation System <> \* Sun Visualization System <> \* Sun Grid Engine <> \* Lustre <> Research \* Sun Microsystems Laboratories <> \* picoJava <> \* Fortress <> \* Project Looking Glass <> Education \* SCPs <> \* BlueJ <> Community \* Common Development and Distribution License <> \* Java Community Process <> \* NetBeans <> \* OpenOffice.org <> \* OpenSolaris <> \* OpenSPARC <> \* OpenJDK <> \* Open Source University Meetup <> People <> \* Bill Joy <> \* Andy Bechtolsheim <> \* Scott McNealy <> \* Vinod Khosla <> Slogans The Network is the Computer <> \* Write once, run anywhere <> Category <> Retrieved from " https://en.wikipedia.org/w/index.php?title=Common\_Development\_and\_Distribution\_License&oldid=1171378723 <a href="https://en.wikipedia.org/w/index.php?title=Common\_Development\_and\_Distribution\_License&oldid=1171378723">https://en.wikipedia.org/w/index.php?title=Common\_Development\_and\_Distribution\_License&oldid=1171378723</a> " Categories <>: \* Free and open-source software licenses <> \* Copyleft <> \* Sun Microsystems <> \* Software using the CDDL license <> Hidden categories: \* Webarchive template wayback links <> \* CS1 German-language sources (de) <> \* Articles with short description <> \* Short description is different from Wikidata <> \* Wikipedia articles needing page number citations from February 2016 <> \* This page was last edited on 20 August 2023, at 19:38 (UTC).

\* Text is available under the Creative Commons Attribution-ShareAlike License 4.0 <> <>; additional terms may apply. By using this site, you agree to the

Terms of Use <> and Privacy Policy <>. Wikipedia is a registered trademark of theWikimedia Foundation, Inc. <>, a non-profit organization.

- \* Privacy policy
- <a href="https://foundation.wikimedia.org/wiki/Special:MyLanguage/Policy:Privacy\_policy">https://foundation.wikimedia.org/wiki/Special:MyLanguage/Policy:Privacy\_policy>
- \* About Wikipedia <>
- \* Disclaimers <>
- \* Contact Wikipedia <>
  \* Code of Conduct
- <a href="https://foundation.wikimedia.org/wiki/Special:MyLanguage/Universal\_Code\_of\_Conduct">https://foundation.wikimedia.org/wiki/Special:MyLanguage/Universal\_Code\_of\_Conduct</a>
- \* Developers <a href="https://developer.wikimedia.org">https://developer.wikimedia.org</a>
- \* Statistics <a href="https://stats.wikimedia.org/#/en.wikipedia.org">https://stats.wikimedia.org/#/en.wikipedia.org</a>
- \* Cookie statement
- <a href="https://foundation.wikimedia.org/wiki/Special:MyLanguage/Policy:Cookie\_statement">https://foundation.wikimedia.org/wiki/Special:MyLanguage/Policy:Cookie\_statement</a>
- \* Mobile view <>
- \* <a href="https://wikimediafoundation.org/">https://wikimediafoundation.org/</a>
- \* <a href="https://www.mediawiki.org/">https://www.mediawiki.org/">
- \* Toggle limited content width

# **CDDL+GPL License (Jersey)**

https://raw.githubusercontent.com/jersey/jersey-1.x/master/license.html

jersey: Jersey Dual License Header and License Notice GPL v2 and CDDL 1.1 COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)Version 1.1

#### 1 Definitions

1.1. Contributor means each individual or entity that creates or contributes to the creation of Modifications. 1.2. Contributor Version means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor. 1.3. Covered Software means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof. 1.4. Executable means the Covered Software in any form other than Source Code. 1.5. Initial Developer means the individual or entity that first makes Original Software available under this License, 1.6. Larger Work means a work which combines Covered Software or portions thereof with code not governed by the terms of this License. 1.7. License means this document. 1.8. Licensable means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein. 1.9. Modifications means the Source Code and Executable form of any of the following: A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications; B. Any new file that contains any part of the Original Software or previous Modification; or C. Any new file that is contributed or otherwise made available under the terms of this License. 1.10. Original Software means the Source Code and Executable form of computer software code that is originally released under this License. 1.11. Patent Claims means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor. 1.12. Source Code means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code. 1.13. You (or Your) means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, You includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, control means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity. 2. License Grants.

2.1. The Initial Developer Grant. Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license: (a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and (b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof). (c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License. (d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices. 2.2. Contributor Grant. Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license: (a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and (b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination). (c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party. (d) Notwithstanding Section

2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor. 3. Distribution Obligations.

3.1. Availability of Source Code. Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange. 3.2. Modifications. The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License. 3.3. Required Notices. You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer. 3.4. Application of Additional Terms. You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer. 3.5. Distribution of Executable Versions. You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer. 3.6. Larger Works. You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

- 4. Versions of the License.
- 4.1. New Versions. Oracle is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License. 4.2. Effect of New Versions. You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward. 4.3. Modified Versions. When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License. 5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN AS IS BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS.

MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

#### 6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive. 6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as Participant) alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant. 6.3. If You assert a patent infringement claim against Participant alleging that the Participant Software directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license. 6.4. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

# 7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

### 8. U.S. GOVERNMENT END USERS.

The Covered Software is a commercial item, as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of commercial computer software (as that term is defined at 48 C.F.R. 252.227-7014(a)(1)) and commercial computer software documentation as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

#### 9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without

limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

#### 10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

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

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

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

#### Preamble

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

- 3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:
- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or, b) Accompany it with a written

offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or, c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

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

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

- 4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
- 5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.
- 6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.
- 7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

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) <year> <name of author> This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version. This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details. You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

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

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

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type show w'. This is free software, and you are welcome to redistribute it under certain conditions; type show c'

for details.

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.

### "CLASSPATH" EXCEPTION TO THE GPL VERSION 2

Certain source files distributed by Oracle are subject to the following clarification and special exception to the GPL Version 2, but only where Oracle has expressly included in the particular source file's header the words "Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the License file that accompanied this code."

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

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

# **Common Development and Distribution License 1.1**

https://spdx.org/licenses/CDDL-1.1.html

# COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.1

- 1. Definitions.
- 1.1. Contributor means each individual or entity that creates or contributes to the creation of Modifications.
- 1.2. Contributor Version means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.
- 1.3. Covered Software means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.
- 1.4. Executable means the Covered Software in any form other than Source Code.
- 1.5. Initial Developer means the individual or entity that first makes Original Software available under this License.
- 1.6. Larger Work means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.
- 1.7. License means this document.
- 1.8. Licensable means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.
- 1.9. Modifications means the Source Code and Executable form of any of the following:
- A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications:
  - B. Any new file that contains any part of the Original Software or previous Modification; or
  - C. Any new file that is contributed or otherwise made available under the terms of this License.
- 1.10. Original Software means the Source Code and Executable form of computer software code that is originally released under this License.
- 1.11. Patent Claims means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.
- 1.12. Source Code means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.
- 1.13. You (or Your) means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, You includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, control means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.
- 2. License Grants.
- 2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and
- (b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).
- (c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.
- (d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.
- 2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and
- (b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).
- (c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.
- (d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

# 3. Distribution Obligations.

#### 3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

#### 3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

#### 3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

#### 3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

### 3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

#### 3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

# 4. Versions of the License.

### 4.1. New Versions.

Oracle is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

#### 4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

# 4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

#### 5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN AS IS BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

#### 6. TERMINATION.

- 6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.
- 6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as Participant) alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.
- 6.3. If You assert a patent infringement claim against Participant alleging that the Participant Software directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.
- 6.4. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

#### 7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

# 8. U.S. GOVERNMENT END USERS.

The Covered Software is a commercial item, as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of commercial computer software (as that term is defined at 48 C.F.R. 252.227-7014(a)(1)) and commercial computer software documentation as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U. S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

### 9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

### 10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)
The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

# **NetBeans IDE Dual License**

We were not able to collect any text for this license Examined URLs:
- http://www.netbeans.org/cddl-gplv2.html

# **Common Public License 1.0**

https://spdx.org/licenses/CPL-1.0.html

Common Public License Version 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON 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 a Contributor with respect to a patent applicable to software (including a cross-claim or counterclaim in a lawsuit), then any patent licenses granted by that Contributor to such Recipient under this Agreement shall terminate as of the date such litigation is filed. In addition, 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. IBM is the initial Agreement Steward. IBM 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.
its rights to a jury trial in any resulting litigation.

# **Eclipse Distribution License 1.0 (BSD)**

https://projects.eclipse.org/content/eclipse-distribution-license-1.0-bsd

Eclipse Distribution License 1.0 (BSD) | projects.eclipse.org Google Tag Manager Skip to main content <>

- \* Log in <a href="https://projects.eclipse.org/user/login?destination=node/26">https://projects.eclipse.org/user/login?destination=node/26</a>
- \* Manage Cookies <> <https://www.eclipse.org/> projects.eclipse.org <>

#### Download <>

- \* Projects <a href="https://www.eclipse.org/projects/">https://www.eclipse.org/projects/>
- \* Working Groups <a href="https://www.eclipse.org/org/workinggroups/">https://www.eclipse.org/org/workinggroups/</a>
- \* Members <a href="https://www.eclipse.org/membership/">https://www.eclipse.org/membership/>
- \* Community <>
- \* Marketplace <a href="http://marketplace.eclipse.org">http://marketplace.eclipse.org</a>
- \* Events <a href="http://events.eclipse.org">http://events.eclipse.org</a>
- \* Planet Eclipse <a href="http://www.planeteclipse.org/">http://www.planeteclipse.org/</a>
- \* Newsletter <a href="https://www.eclipse.org/community/eclipse\_newsletter/">https://www.eclipse.org/community/eclipse\_newsletter/</a>
- \* Videos <https://www.youtube.com/user/EclipseFdn>
- \* Blogs <a href="https://blogs.eclipse.org">https://blogs.eclipse.org</a>
- \* Participate <>
- \* Report a Bug <a href="https://bugs.eclipse.org/bugs/">https://bugs.eclipse.org/bugs/>
- \* Forums <a href="https://www.eclipse.org/forums/">https://www.eclipse.org/forums/>
- \* Mailing Lists <a href="https://www.eclipse.org/mail/">https://www.eclipse.org/mail/>
- \* Wiki <https://wiki.eclipse.org/>
- \* IRC <https://wiki.eclipse.org/IRC>
- \* Research <a href="https://www.eclipse.org/org/research/">https://www.eclipse.org/org/research/>
- \* Eclipse IDE <>
- \* Download <a href="https://www.eclipse.org/downloads">https://www.eclipse.org/downloads</a>
- \* Learn More <a href="https://www.eclipse.org/eclipseide">https://www.eclipse.org/eclipseide</a>
- \* Documentation <a href="https://help.eclipse.org">https://help.eclipse.org</a>
- \* Getting Started / Support <a href="https://www.eclipse.org/getting\_started">https://www.eclipse.org/getting\_started</a>
- \* How to Contribute <a href="https://www.eclipse.org/contribute/">https://www.eclipse.org/contribute/></a>
- \* IDE and Tools <a href="https://www.eclipse.org/ide/">https://www.eclipse.org/ide/>
- \* Newcomer Forum <a href="https://www.eclipse.org/forums/index.php/f/89/">https://www.eclipse.org/forums/index.php/f/89/</a>
- \* More <>
- \*

# Community

- \* Marketplace <a href="http://marketplace.eclipse.org">http://marketplace.eclipse.org</a>
- \* Events <a href="http://events.eclipse.org">http://events.eclipse.org</a>
- \* Planet Eclipse <a href="http://www.planeteclipse.org/">http://www.planeteclipse.org/>
- \* Newsletter <a href="https://www.eclipse.org/community/eclipse\_newsletter/">https://www.eclipse.org/community/eclipse\_newsletter/</a>
- \* Videos <https://www.youtube.com/user/EclipseFdn>
- \* Blogs <a href="https://blogs.eclipse.org">https://blogs.eclipse.org</a>

# Participate

- \* Report a Bug <a href="https://bugs.eclipse.org/bugs/">https://bugs.eclipse.org/bugs/>
- \* Forums <a href="https://www.eclipse.org/forums/">https://www.eclipse.org/forums/</a>
- \* Mailing Lists <a href="https://www.eclipse.org/mail/">https://www.eclipse.org/mail/>
- \* Wiki <a href="https://wiki.eclipse.org/">https://wiki.eclipse.org/</a>
- \* IRC <https://wiki.eclipse.org/IRC>
- \* Research <a href="https://www.eclipse.org/org/research/">https://www.eclipse.org/org/research/>

#### Eclipse IDE

- \* Download <a href="https://www.eclipse.org/downloads">https://www.eclipse.org/downloads</a>
- \* Learn More <a href="https://www.eclipse.org/eclipseide">https://www.eclipse.org/eclipseide</a>
- \* Documentation <a href="https://help.eclipse.org">https://help.eclipse.org</a>
- \* Getting Started / Support <a href="https://www.eclipse.org/getting\_started">https://www.eclipse.org/getting\_started</a>
- \* How to Contribute <a href="https://www.eclipse.org/contribute/">https://www.eclipse.org/contribute/></a>
- \* IDE and Tools <a href="https://www.eclipse.org/ide/">https://www.eclipse.org/ide/>
- \* Newcomer Forum <a href="https://www.eclipse.org/forums/index.php/f/89/">https://www.eclipse.org/forums/index.php/f/89/</a>
- \* <>

#### Search

Toggle navigation <a href="https://www.eclipse.org/">https://www.eclipse.org/</a>

- \* Home <>
- \* Projects <>
- \* Eclipse Distribution... <>
- \* Eclipse Distribution License 1.0 (BSD) <>

Eclipse Distribution License 1.0 (BSD)

URL: http://www.eclipse.org/org/documents/edl-v10.php

<a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>

#### **Eclipse Foundation**

- \* About Us <a href="https://www.eclipse.org/org/">https://www.eclipse.org/org/>
- \* Contact Us <a href="https://www.eclipse.org/org/foundation/contact.php">https://www.eclipse.org/org/foundation/contact.php</a>
- \* Sponsor <a href="https://www.eclipse.org/sponsor">https://www.eclipse.org/sponsor>
- \* Members <a href="https://www.eclipse.org/membership/">https://www.eclipse.org/membership/>
- \* Governance <a href="https://www.eclipse.org/org/documents/">https://www.eclipse.org/org/documents/</a>
- \* Code of Conduct
- <a href="https://www.eclipse.org/org/documents/Community\_Code\_of\_Conduct.php">https://www.eclipse.org/org/documents/Community\_Code\_of\_Conduct.php</a>
- \* Logo and Artwork <a href="https://www.eclipse.org/artwork/">https://www.eclipse.org/artwork/>
- \* Board of Directors <a href="https://www.eclipse.org/org/foundation/directors.php">https://www.eclipse.org/org/foundation/directors.php</a>
- \* Careers <a href="https://www.eclipse.org/careers">https://www.eclipse.org/careers</a>

#### Legal

- \* Privacy Policy <a href="https://www.eclipse.org/legal/privacy.php">https://www.eclipse.org/legal/privacy.php</a>
- \* Terms of Use <a href="https://www.eclipse.org/legal/termsofuse.php">https://www.eclipse.org/legal/termsofuse.php</a>
- \* Copyright Agent <a href="https://www.eclipse.org/legal/copyright.php">https://www.eclipse.org/legal/copyright.php</a>
- \* Eclipse Public License <a href="https://www.eclipse.org/legal/epl-2.0/">https://www.eclipse.org/legal/epl-2.0/</a>
- \* Legal Resources <a href="https://www.eclipse.org/legal/">https://www.eclipse.org/legal/</a>

#### Useful Links

- \* Report a Bug <a href="https://bugs.eclipse.org/bugs/">https://bugs.eclipse.org/bugs/>
- \* Documentation <>
- \* How to Contribute <a href="https://www.eclipse.org/contribute/">https://www.eclipse.org/contribute/>
- \* Mailing Lists <a href="https://www.eclipse.org/mail/">https://www.eclipse.org/mail/>
- \* Forums <a href="https://www.eclipse.org/forums/">https://www.eclipse.org/forums/>
- \* Marketplace <>

#### Other

- \* IDE and Tools <a href="https://www.eclipse.org/ide/">https://www.eclipse.org/ide/>
- \* Projects <a href="https://www.eclipse.org/projects">https://www.eclipse.org/projects></a>
- \* Working Groups <a href="https://www.eclipse.org/org/workinggroups/">https://www.eclipse.org/org/workinggroups/</a>
- \* Research@Eclipse <a href="https://www.eclipse.org/org/research/">https://www.eclipse.org/org/research/</a>
- \* Report a Vulnerability <a href="https://www.eclipse.org/security/">https://www.eclipse.org/security/>
- \* Service Status <a href="https://status.eclipse.org">https://status.eclipse.org</a>

Copyright Eclipse Foundation. All Rights Reserved.

- \* <https://twitter.com/EclipseFdn>
- \* <https://www.facebook.com/eclipse.org>
- \* <https://www.youtube.com/user/EclipseFdn>
- \* <https://www.linkedin.com/company/eclipse-foundation> Back to the top <>

# **Eclipse Public License 2.0**

https://spdx.org/licenses/EPL-2.0.html

Eclipse Public License - v 2.0

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

#### 1. DEFINITIONS

Contribution means:

- a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
- i) changes to the Program, and
- ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution originates from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include changes or additions to the Program that are not Modified Works.

Contributor means any person or entity that Distributes the Program.

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

Program means the Contributions Distributed in accordance with this Agreement.

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

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

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

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

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

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

#### 2. GRANT OF RIGHTS

- a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.
- b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.
- c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.
- d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.
- e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).
- 3. REQUIREMENTS
- $3.1\ \text{If a Contributor Distributes the Program in any form, then:}$
- a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and
- b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:
- i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
- ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
- iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3. 3.2 When the Program is Distributed as Source Code:

- a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and b) a copy of this Agreement must be included with each copy of the Program.
- 3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability (notices) contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

#### 4. COMMERCIAL DISTRIBUTION

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

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

#### 5. NO WARRANTY

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

#### 6. DISCLAIMER OF LIABILITY

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

# 7. GENERAL

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

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

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

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

# Exhibit A Form of Secondary Licenses Notice

This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

# **GPL License (Generic)**

https://www.gnu.org/licenses/old-licenses/gpl-1.0.html

GNU General Public License v1.0 - GNU Project - Free Software Foundation Skip to main text <> Free Software Supporter <>: JOIN THE FSF <a href="https://www.fsf.org/associate/support\_freedom?referrer=4052">https://www.fsf.org/associate/support\_freedom?referrer=4052</a> GNU Operating System <>

Supported by the Free Software Foundation <>

- <> <> Site navigation <> Skip <>
- \* ABOUT GNU <>
- \* PHILOSOPHY <>
- \* = LICENSES <> =
- \* EDUCATION <>
- \* SOFTWARE <>
- \* DISTROS <>
- \* DOCS <>
- \* MALWARE <>
- \* HELP GNU <>
- \* AUDIO & VIDEO <>
- \* GNU ART <>
- \* FUN <>
- \* GNU'S WHO? <>
- \* SOFTWARE DIRECTORY <>
- \* HARDWARE <a href="https://h-node.org/">h-node.org/>
- \* SITEMAP <>

GNU General Public License, version 1

Skip to license text <>

- \* The latest version of the GPL, version 3 <>
- \* What to do if you see a possible GPL violation <>
- \* The GNU General Public License version 1 (GPLv1) in other formats: plain text format <>, standalone HTML <>, Markdown <>, ODF <>, RTF <>, Docbook <>, LaTeX <>. Texinfo <>

\* Old versions of the GPL <> GNU GENERAL PUBLIC LICENSE Version 1, February

1989 Copyright (C) 1989 Free Software Foundation, Inc. 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed. Preamble The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our 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. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too. When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, 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 a 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 tell them 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. The precise terms and conditions for copying, distribution and modification follow. GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION 0. This License Agreement 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 work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you". 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 General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy. 2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph 1 above, provided that you also do the following: a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option). c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual 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 General Public License. d) 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. Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms. 3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 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 Paragraphs 1 and 2 above; or, b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or, c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.) Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system. 4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance. 5. By copying, distributing or modifying 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. 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. 7. 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 the 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 the license, you may choose any version ever published by the Free Software Foundation. 8. 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 9. 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. 10. 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 Appendix: 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 humanity, 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) 19yy <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 1, or (at your option) any later version. This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details. You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA. Also add information on how to contact you by electronic and paper mail. If the program is interactive, make it output a short notice like this when it starts in an interactive mode: Gnomovision version 69, Copyright (C) 19xx 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 a sample; alter the names: Yoyodyne, Inc., hereby disclaims all copyright interest in the program Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker. <signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice That's all there is to it! <> BACK TO TOP <> Set language <> Available for this page:

[en] English <> [de] Deutsch <> [fr] franais <> [ja] <> [pt-br] portugus <> [ru] <> [uk] <> [zh-cn] <> BACK TO TOP <>

<> The Free Software Foundation (FSF) is a nonprofit with a worldwide mission to promote computer user freedom. We defend the rights of all software users. JOIN <> DONATE <> SHOP <>

Please send general FSF & GNU inquiries to <gnu@gnu.org> <mailto:gnu@gnu.org>. There are alsoother ways to contact <> the FSF. Broken links and other corrections or suggestions can be sent to<webmasters@gnu.org> <mailto:webmasters@gnu.org>.

Please see the Translations README <> for information on coordinating and contributing translations of this article.

Copyright notice above.

Copyright Infringement Notification <>

Updated: \$Date: 2023/06/11 10:08:19 \$

# **GNU General Public License v2.0 only**

https://www.gnu.org/licenses/old-licenses/gpl-2.0-standalone.html

GNU General Public License v2.0 - GNU Project - Free Software Foundation (FSF) GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

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

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

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

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

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

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

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

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

# 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 object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or

binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

- 4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
- 5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.
- 6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.
- 7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

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 an 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. You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

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

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type show w'. This is free software, and you are welcome to redistribute it under certain conditions; type show c' for details.

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 thanshow w' and show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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

Yoyodyne, Inc., hereby disclaims all copyright interest in the program Gnomovision' (which makes passes at compilers) written by James Hacker. signature of Ty Coon, 1 April 1989 Ty Coon, President of Vice

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



# **GNU Lesser General Public License v2.1 only**

https://choosealicense.com/licenses/lgpl-2.1/

GNU Lesser General Public License v2.1 | Choose a License \* Home <> / Licenses <> GNU Lesser General Public License v2.1

#### **GNU LGPLv2.1**

Primarily used for software libraries, the GNU LGPL requires that derived works be licensed under the same license, but works that only link to it do not fall under this restriction. There are two commonly used versions of the GNU LGPL.

#### **Permissions Conditions Limitations**

- \* Commercial use
- \* Distribution
- \* Modification
- \* Private use
- \* Disclose source
- \* License and copyright notice
- \* Same license (library)
- \* State changes
- \* Liability
- \* Warranty GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, February 1999 Copyright (C) 1991, 1999 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed. [This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.] Preamble The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below. When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things. To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it. For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so 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. GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING. DISTRIBUTION AND MODIFICATION 0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you". A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables. The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".) "Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library. Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does 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 How to Apply These Terms to Your New Libraries If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License). To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found. <one line to give the library's name and a brief idea of what it does. > Copyright (C) < year > <name of author> This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version. This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details. You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Also add information on how to contact you by electronic and paper mail. You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names: Yoyodyne, Inc., hereby disclaims all copyright interest in the library Frob' (a library for tweaking knobs) written by James Random Hacker. <signature of Ty Coon>, 1 April 1990 Ty Coon, President of Vice That's all there is to it! Copy license text to clipboard <> Suggest this license

Make a pull request to suggest this license for a project that is not licensed <>. Please be polite: see if a license has already been suggested, try to suggest a license fitting for the projectscommunity <>, and keep your communication with project maintainers friendly.

How to apply this license

Create a text file (typically named LICENSE or LICENSE.txt) in the root of your source code and copy the text of the license into the file.

### Optional steps

The Free Software Foundation recommends taking the additional step of adding a boilerplate notice to the top of each file. The boilerplate can be found at the end of the license.

Add LGPL-2.1-or-later (or LGPL-2.1-only to disallow future versions) to your projects package description, if applicable (e.g.,Node.js <a href="https://docs.npmjs.com/cli/v7/configuring-npm/package-json#license">https://docs.npmjs.com/cli/v7/configuring-npm/package-json#license</a>, Ruby

<a href="https://guides.rubygems.org/specification-reference/#license=">https://guides.rubyge

If you would like your project to adopt the GPL-3.0s cure provision, add the text <a href="https://github.com/gplcc/gplcc/blob/master/Project/COMMITMENT">https://github.com/gplcc/gplcc/blob/master/Project/COMMITMENT</a> of the GPL Cooperation Commitment <a href="https://gplcc.github.io/gplcc/">https://gplcc.github.io/gplcc/</a> to a file named COMMITMENT in the same directory as your LGPL-2.1 license file. Source <a href="https://spdx.org/licenses/LGPL-2.1-or-later.html">https://spdx.org/licenses/LGPL-2.1-or-later.html</a> About <a href="https://spdx.org/licenses/Lgpl-2.1-trtps-rhtml">https://spdx.org/licenses/LGPL-2.1-or-later.html</a> About <a href="https://github.com/github/choosealicense.com/edit/gh-pages/\_licenses/lgpl-2.1.txt>The content of this site is licensed under the Creative Commons Attribution 3.0 Unported License <a href="https://creativecommons.org/licenses/by/3.0/">https://creativecommons.org/licenses/by/3.0/</a>. Curated with by GitHub, Inc. <a href="https://github.com/github/choosealicense.com">https://github.com/github/choosealicense.com</a> and You! <a href="https://github.com/github/choosealicense.com">https://github.com/github/choosealicense.com</a>

# **GNU Lesser General Public License v2.1 only**

https://spdx.org/licenses/LGPL-2.1-only.html

#### GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

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

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

#### Preamble

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

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

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

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

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so 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**

How to Apply These Terms to Your New Libraries

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

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

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

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

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

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Also add information on how to contact you by electronic and paper mail.

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

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

signature of Ty Coon, 1 April 1990 Ty Coon, President of Vice That's all there is to it!

# **GNU Lesser General Public License v3.0 only**

https://choosealicense.com/licenses/lgpl-3.0/

GNU Lesser General Public License v3.0 | Choose a License \* Home <> / Licenses <> GNU Lesser General Public License v3.0

#### **GNU LGPLv3**

Permissions of this copyleft license are conditioned on making available complete source code of licensed works and modifications under the same license or the GNU GPLv3. Copyright and license notices must be preserved. Contributors provide an express grant of patent rights. However, a larger work using the licensed work through interfaces provided by the licensed work may be distributed under different terms and without source code for the larger work.

#### Permissions Conditions Limitations

- \* Commercial use
- \* Distribution
- \* Modification
- \* Patent use
- \* Private use
- \* Disclose source
- \* License and copyright notice
- \* Same license (library)
- \* State changes
- \* Liability
- \* Warranty GNU LESSER GENERAL PUBLIC LICENSE Version 3, 29 June 2007 Copyright (C) 2007 Free Software Foundation, Inc. <a href="https://fsf.org/">https://fsf.org/</a> Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed. This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below. 0. Additional Definitions. As used herein, "this License" refers to version 3 of the GNU Lesser General Public License, and the "GNU GPL" refers to version 3 of the GNU General Public License. "The Library" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below. An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library. A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version". The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version. The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work. 1. Exception to Section 3 of the GNU GPL. You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL. 2. Conveying Modified Versions. If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version: a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy. 3. Object Code Incorporating Material from Library Header Files. The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following: a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License. b) Accompany the object code with a copy of the GNU GPL and this license document. 4. Combined Works. You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such

modifications, if you also do each of the following: a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License. b) Accompany the Combined Work with a copy of the GNU GPL and this license document. c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document. d) Do one of the following: 0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source. 1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version. e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.) 5. Combined Libraries. You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following: a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License. b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work. 6. Revised Versions of the GNU Lesser General Public License. The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation. If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library. Copy license text to clipboard <> How to apply this license

This license is an additional set of permissions to the GNU GPLv3 <> license. Follow the instructions to apply the GNU GPLv3, in the root of your source code. Then add another file named COPYING.LESSER and copy the text.

### Optional steps

The Free Software Foundation recommends taking the additional step of adding a boilerplate notice to the top of each file. The boilerplate can be found at the end of theGNU GPLv3 license <>. Insert the word Lesser before General in all three places in the boilerplate notice to make sure that you refer to the GNU LGPLv3 and not the GNU GPLv3.

Add LGPL-3.0-or-later (or LGPL-3.0-only to disallow future versions) to your projects package description, if applicable (e.g.,Node.js <a href="https://docs.npmjs.com/cli/v7/configuring-npm/package-json#license">https://docs.npmjs.com/cli/v7/configuring-npm/package-json#license</a>, Ruby <a href="https://docs.rubygems.org/specification-reference/#license=">https://guides.rubygems.org/specification-reference/#license=">https://guides.rubygems.org/specification-reference/#license=">https://guides.rubygems.org/specification-reference/#license=">https://guides.rubygems.org/specification-reference/#license=">https://guides.rubygems.org/specification-reference/#license=">https://guides.rubygems.org/specification-reference/#license=">https://guides.rubygems.org/specification-reference/#license="https://specification-referen

# **MIT License**

https://spdx.org/licenses/MIT.html

MIT License

Copyright (c) <year> <copyright holders>

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

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

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

# **Oracle Technology Network License**

https://www.oracle.com/downloads/licenses/distribution-license.html

Oracle Technology Network Development and Distribution License Terms

- \* Click to view our Accessibility Policy
- <a href="https://www.oracle.com/corporate/accessibility/">https://www.oracle.com/corporate/accessibility/>
- \* Skip to content <> <a href="https://www.oracle.com/">https://www.oracle.com/</a>> Products Industries Resources Customers Partners Developers Company Close Search Close Were sorry. We could not find a match for your search.

We suggest you try the following to help find what youre looking for:

- \* Check the spelling of your keyword search.
- \* Use synonyms for the keyword you typed, for example, try "application" instead of "software."
- \* Start a new search. Clear Search Search View Accounts Back Cloud Account Sign in to Cloud <> Oracle Account
- \* Sign-In <a href="https://www.oracle.com/webapps/redirect/signon?nexturl=">https://www.oracle.com/webapps/redirect/signon?nexturl=>
- \* Create an Account
- <a href="https://profile.oracle.com/myprofile/account/create-account.jspx">https://profile.oracle.com/myprofile/account/create-account.jspx</a>
- \* Help <>
- \* Sign Out <javascript:sso\_sign\_out();> Contact Sales <> Menu Menu <>
- \* Downloads <a href="https://www.oracle.com/downloads/">https://www.oracle.com/downloads/</a>
- \* Licenses <a href="https://www.oracle.com/downloads/licenses/standard-license.html">https://www.oracle.com/downloads/licenses/standard-license.html</a> Licenses

#### Oracle Technology Network License Agreement

Oracle is willing to authorize Your access to software associated with this License Agreement (Agreement) only upon the condition that You accept that this Agreement governs Your use of the software. By selecting the Accept License Agreement button or box (or the equivalent) or installing or using the Programs You indicate Your acceptance of this Agreement and Your agreement, as an authorized representative of Your company or organization (if being acquired for use by an entity) or as an individual, to comply with the license terms that apply to the software that You wish to download and access. If You are not willing to be bound by this Agreement, do not select the Accept License Agreement button or box (or the equivalent) and do not download or access the software.

### **Definitions**

"Oracle" refers to Oracle America, Inc. "You" and "Your" refers to (a) a company or organization (each an Entity) accessing the Programs, if use of the Programs will be on behalf of such Entity; or (b) an individual accessing the Programs, if use of the Programs will not be on behalf of an Entity. Contractors refers to Your agents and contractors (including, without limitation, outsourcers). "Program(s)" refers to Oracle software provided by Oracle pursuant to this Agreement and any updates, error corrections, and/or Program Documentation provided by Oracle. Program Documentation refers to Program user manuals and Program installation manuals, if any. If available, Program Documentation may be delivered with the Programs and/or may be accessed fromhttp://docs.oracle.com/en/ <a href="https://docs.oracle.com/en/">https://docs.oracle.com/en/>. Associated Product refers to the Oracle product(s), if any, and as identified in the Programs documentation or on the Programs download site, with which the Programs are intended to enable or enhance interoperation with Your application(s). Separate Terms refers to separate license terms that are specified in the Program Documentation, readmes or notice files and that apply to Separately Licensed Third Party Technology. Separately Licensed Third Party Technology refers to third party technology that is licensed under Separate Terms and not under the terms of this Agreement.

## License Rights and Restrictions

Oracle grants You a nonexclusive, nontransferable, limited license to, subject to the restrictions stated in this Agreement, (a) internally use the Programs solely for the purposes of developing, testing, prototyping and demonstrating Your applications, and running the Programs for Your own internal business operations; and (b) redistribute unmodified Programs and Programs Documentation pursuant to the Programs Redistribution section below. You may allow Your Contractor(s) to use the Programs, provided they are acting on Your behalf to exercise license rights granted in this Agreement and further provided that You are responsible for their compliance with this Agreement in such use. You will have a written agreement with Your Contractor(s) that strictly limits their right to use the Programs and that otherwise protects

Oracles intellectual property rights to the same extent as this Agreement. You may make copies of the Programs to the extent reasonably necessary to exercise the license rights granted in this Agreement. You may make one copy of the Programs for backup purposes.

Further, You may not:

- \* remove or modify any Program markings or any notice of Oracles or a licensors proprietary rights;
- \* use the Programs to provide third party training unless Oracle expressly authorizes such use on the Programs download page;
- \* assign this Agreement or distribute, give, or transfer the Programs or an interest in them to any third party, except as expressly permitted in this Agreement (the foregoing shall not be construed to limit the rights You may otherwise have with respect to Separately Licensed Third Party Technology);
- \* cause or permit reverse engineering (unless required by law for interoperability), disassembly or decompilation of the Programs; and
- \* disclose results of any Program benchmark tests without Oracles prior consent

The Programs may contain source code that, unless expressly licensed in this Agreement for other purposes (for example, licensed under an open source license), is provided solely for reference purposes pursuant to the terms of this Agreement and may not be modified.

All rights not expressly granted in this Agreement are reserved by Oracle. If You want to use the Programs or Your application for any purpose other than as expressly permitted under this Agreement, You must obtain from Oracle or an Oracle reseller a valid Programs license under a separate agreement permitting such use. However, You acknowledge that the Programs may not be intended for production use and/or Oracle may not make a version of the Programs available for production or other purposes; any development or other work You undertake with the Programs is at Your sole risk.

#### **Programs Redistribution**

We grant You a nonexclusive, nontransferable right to copy and distribute unmodified Programs and Programs Documentation as part of and included in Your application that is intended to interoperate with the Associated Product, if any, provided that You do not charge Your end users any additional fees for the use of the Programs. Prior to distributing the Programs and Programs Documentation, You shall require Your end users to execute an agreement binding them to terms, with respect to the Programs and Programs Documentation, materially consistent and no less restrictive than those contained in this section and the sections of this Agreement entitled License Rights and Restrictions (except that the redistribution right granted to You shall not be included; Your end users may not distribute Programs and Programs Documentation to any third parties), "Ownership," "Export Controls," "Disclaimer of Warranties; Limitation of Liability," "No Technical Support" (with respect to Oracle support; You may provide Your own support for Programs at Your discretion), "Audit; Termination (except that Oracles audit right shall not be included)," "Relationship Between the Parties," and U.S. Government End Users. You must also include a provision stating that Your end users shall have no right to distribute the Programs and Programs Documentation, and a provision specifying us as a third party beneficiary of the agreement. You are responsible for obtaining these agreements with Your end users.

You agree to: (a) defend and indemnify us against all claims and damages caused by Your distribution of the Programs and Programs Documentation in breach of this Agreement and/or failure to include the required contractual provisions in Your end user agreement as stated above; (b) keep executed end user agreements and records of end user information including name, address, date of distribution and identity of Programs distributed; (c) allow us to inspect Your end user agreements and records upon request; and, (d) enforce the terms of Your end user agreements so as to effect a timely cure of any end user breach, and to notify us of any breach of the terms.

# Ownership

Oracle or its licensors retain all ownership and intellectual property rights to the Programs.

### Third-Party Technology

The Programs may contain or require the use of third party technology that is provided with the Programs. Oracle may provide certain notices to You in Program Documentation, readmes or notice files in connection with such third party technology. Third party technology will be licensed to You either under

the terms of this Agreement or, if specified in the Program Documentation, readmes or notice files, under Separate Terms. Your rights to use Separately Licensed Third Party Technology under Separate Terms are not restricted in any way by this Agreement. However, for clarity, notwithstanding the existence of a notice, third party technology that is not Separately Licensed Third Party Technology shall be deemed part of the Programs and is licensed to You under the terms of this Agreement.

#### Source Code for Open Source Software

For software that You receive from Oracle in binary form that is licensed under an open source license that gives You the right to receive the source code for that binary, You can obtain a copy of the applicable source code from https://oss.oracle.com/sources/ or http://www.oracle.com/goto/opensourcecode. If the source code for such software was not provided to You with the binary, You can also receive a copy of the source code on physical media by submitting a written request pursuant to the instructions in the "Written Offer for Source Code" section of the latter website.

#### **Export Controls**

Export laws and regulations of the United States and any other relevant local export laws and regulations apply to the Programs . You agree that such export control laws govern Your use of the Programs (including technical data) and any services deliverables provided under this agreement, and You agree to comply with all such export laws and regulations (including "deemed export" and "deemed re-export" regulations). You agree that no data, information, program and/or materials resulting from Programs or services (or direct products thereof) will be exported, directly or indirectly, in violation of these laws, or will be used for any purpose prohibited by these laws including, without limitation, nuclear, chemical, or biological weapons proliferation, or development of missile technology. Accordingly, You confirm:

- \* You will not download, provide, make available or otherwise export or re-export the Programs, directly or indirectly, to countries prohibited by applicable laws and regulations nor to citizens, nationals or residents of those countries.
- \* You are not listed on the United States Department of Treasury lists of Specially Designated Nationals and Blocked Persons, Specially Designated Terrorists, and Specially Designated Narcotic Traffickers, nor are You listed on the United States Department of Commerce Table of Denial Orders.
- \* You will not download or otherwise export or re-export the Programs, directly or indirectly, to persons on the above mentioned lists.
- \* You will not use the Programs for, and will not allow the Programs to be used for, any purposes prohibited by applicable law, including, without limitation, for the development, design, manufacture or production of nuclear, chemical or biological weapons of mass destruction.

  Information Collection

The Programs installation and/or auto-update processes, if any, may transmit a limited amount of data to Oracle or its service provider about those processes to help Oracle understand and optimize them. Oracle does not associate the data with personally identifiable information. Refer to Oracles Privacy Policy at http://www.oracle.com/legal/privacy/privacy-policy.html <>.

Disclaimer of Warranties; Limitation of Liability

THE PROGRAMS ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. ORACLE FURTHER DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT.

IN NO EVENT WILL ORACLE BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA OR DATA USE, INCURRED BY YOU OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT OR TORT, EVEN IF ORACLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. ORACLES ENTIRE LIABILITY FOR DAMAGES UNDER THIS AGREEMENT SHALL IN NO EVENT EXCEED ONE THOUSAND DOLLARS (U.S. \$1,000).

### No Technical Support

Unless Oracle support for the Programs, if any, is expressly included in a separate, current support agreement between You and Oracle, Oracles technical support organization will not provide technical support, phone support, or updates to You for the Programs provided under this Agreement.

Audit; Termination

Oracle may audit Your use of the Programs. You may terminate this Agreement by destroying all copies of the Programs. This Agreement shall automatically terminate without notice if You fail to comply with any of the terms of this Agreement, in which case You shall promptly destroy all copies of the Programs.

#### U.S. Government End Users

Programs and/or Programs 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 and/or Programs Documentation shall be subject to the license terms and license restrictions set forth in this Agreement. No other rights are granted to the U.S. Government.

#### Relationship Between the Parties

Oracle is an independent contractor and we agree that no partnership, joint venture, or agency relationship exists between us. We each will be responsible for paying our own employees, including employment related taxes and insurance. Nothing in this agreement shall be construed to limit either party's right to independently develop or distribute software that is functionally similar to the other party's products, so long as proprietary information of the other party is not included in such software.

#### Entire Agreement; Governing Law

You agree that this Agreement is the complete agreement for the Programs and this Agreement supersedes all prior or contemporaneous agreements or representations, including any clickwrap, shrinkwrap or similar licenses, or license agreements for prior versions of the Programs. This Agreement may not be modified and the rights and restrictions may not be altered or waived except in a writing signed by authorized representatives of You and of Oracle. If any term of this Agreement is found to be invalid or unenforceable, the remaining provisions will remain effective.

This Agreement is governed by the substantive and procedural laws of the State of California, USA, and You and Oracle agree to submit to the exclusive jurisdiction of, and venue in, the courts of San Francisco or Santa Clara counties in California in any dispute arising out of or relating to this Agreement.

#### **Notices**

Should you have any questions concerning this License Agreement, or if you desire to contact Oracle for any reason, please write:

- \* Oracle America, Inc.
- \* 500 Oracle Parkway
- \* Redwood City, CA 94065

Oracle Employees: Under no circumstances are Oracle Employees authorized to download software for the purpose of distributing it to customers. Oracle products are available to employees for internal use or demonstration purposes only. In keeping with Oracle's trade compliance obligations under U.S. and applicable multilateral law, failure to comply with this policy could result in disciplinary action up to and including termination.

Last updated: 30 November 2016

Resources for

- \* Careers <>
- \* Developers <a href="https://developer.oracle.com/">https://developer.oracle.com/</a>
- \* Investors <a href="https://investor.oracle.com/home/default.aspx">https://investor.oracle.com/home/default.aspx</a>
- \* Partners <>
- \* Researchers <>
- \* Students and Educators <a href="https://academy.oracle.com/en/oa-web-overview.html">https://academy.oracle.com/en/oa-web-overview.html</a> Why Oracle
- \* Analyst Reports <>
- \* Best cloud-based ERP <>
- \* Cloud Economics <>
- \* Corporate Responsibility <>
- \* Diversity and Inclusion <>
- \* Security Practices <> Learn
- \* What is cloud computing? <>

- \* What is CRM? <>
- \* What is Docker? <>
- \* What is Kubernetes? <>
- \* What is Python? <a href="https://developer.oracle.com/python/what-is-python/">https://developer.oracle.com/python/what-is-python/>
- \* What is SaaS? <> News and Events
- \* News <>
- \* Oracle CloudWorld <>
- \* Oracle CloudWorld Tour <>
- \* Oracle Health Conference <>
- \* DevLive Level Up
- <a href="https://developer.oracle.com/community/events/devlive-level-up-march-2023-recordings.html">https://developer.oracle.com/community/events/devlive-level-up-march-2023-recordings.html</a>
- \* Search all events <a href="https://search.oracle.com/events?q=&lang=english">https://search.oracle.com/events?q=&lang=english</a>

#### Contact Us

- \* US Sales: +1.800.633.0738 <tel:18006330738>
- \* How can we help? <>
- \* Subscribe to emails <a href="https://go.oracle.com/subscriptions">https://go.oracle.com/subscriptions</a>
- \* Integrity Helpline
- <a href="https://secure.ethicspoint.com/domain/media/en/gui/31053/index.html">https://secure.ethicspoint.com/domain/media/en/gui/31053/index.html</a>
- \* Country/Region <>
- \*
- \* 2023 Oracle <>
- \* Privacy <>/Do Not Sell My Info <>
- \* Ad Choices <>
- \* Careers <>
- \* <https://www.facebook.com/Oracle/>
- \* <https://twitter.com/oracle>
- \* <https://www.linkedin.com/company/oracle/>
- \* <https://www.youtube.com/oracle/>

# **Public Domain**

https://raw.githubusercontent.com/MeterianHQ/licenses-and-copyrights/master/corner-cases/public-domain.txt

This is not a real license, neither a copyright.

"Public domain" is a specialized term in copyright law that alludes to works not under copyright, either in light of the fact that they were never in copyright in the first place (for instance, works created by U.S. government representatives, on government time and as an aspect of their responsibilities, are naturally in the public domain), or on the grounds that their copyright term has at long last passed and they have "fallen into" the public domain.

To learn more:

https://opensource.org/faq#public-domain https://en.wikipedia.org/wiki/Public\_domain

# **PNG Reference Library version 2**

https://spdx.org/licenses/libpng-2.0.html

### PNG Reference Library License version 2

-----

- \* Copyright (c) 1995-2018 The PNG Reference Library Authors.
- \* Copyright (c) 2018 Cosmin Truta.
- \* Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson.
- \* Copyright (c) 1996-1997 Andreas Dilger.
- \* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no even shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

- The origin of this software must not be misrepresented; you
  must not claim that you wrote the original software. If you
  use this software in a product, an acknowledgment in the product
  documentation would be appreciated, but is not required.
- 2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 3. This Copyright notice may not be removed or altered from any source or altered source distribution.