

LICENSING BIBLE

Project: **epay/epaysimweb**Branch: **master** (8b9a21f9a8f125be13b3400e5d3bc79d4e7dc5d6)

Created on 2023-12-07 13:50 UTC

Bill of components

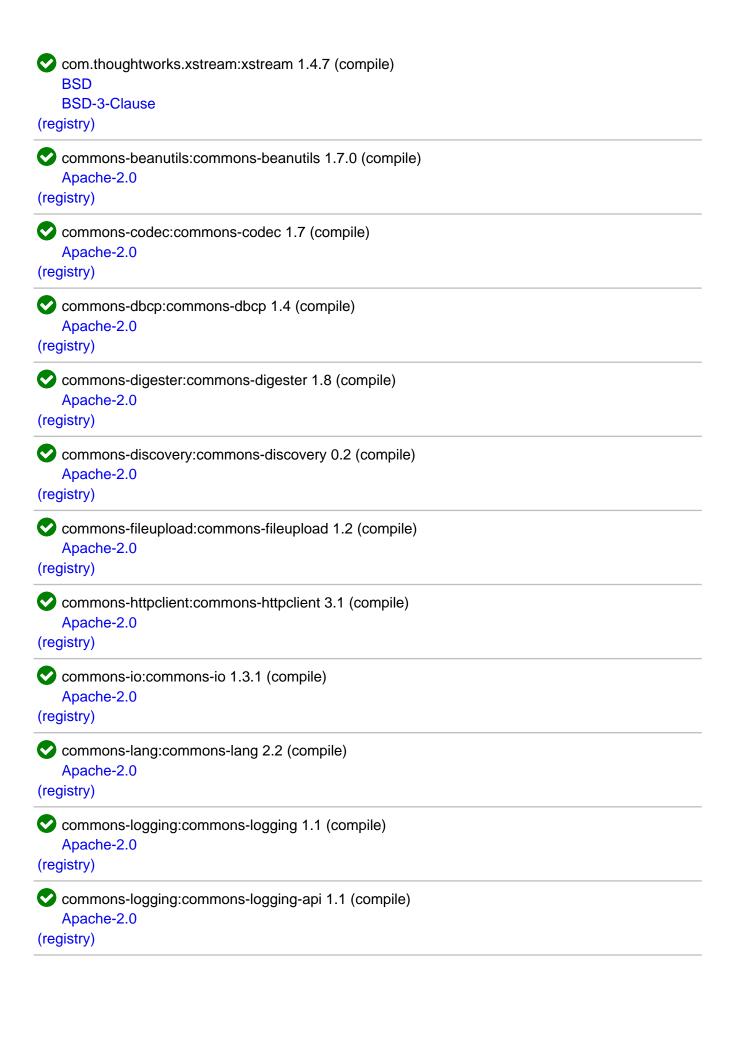
MPL2-or-EPL1-H2

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Libraries (java) ? javax.mail:mail -- (compile) We were not able to find a valid license. (registry) org.codehaus.jackson:jackson-core-asl -- (compile) We were not able to find a valid license. (registry) aopalliance:aopalliance 1.0 (compile) **PUBDOM** (registry) asm:asm 3.3.1 (compile) **BSD BSD-3-Clause-INRIA** (registry) axis 1.4 (compile) Apache-2.0 (registry) axis:axis-jaxrpc 1.4 (compile) Apache-2.0 (registry) axis:axis-saaj 1.2.1 (compile) Apache-2.0 (registry) cglib:cglib 2.2.2 (compile) Apache-2.0 (registry) com.github.virtuald:curvesapi 1.04 (compile) **BSD** Copyright (c) 2005, Graph Builder (registry) com.h2database:h2 1.4.197 (compile)



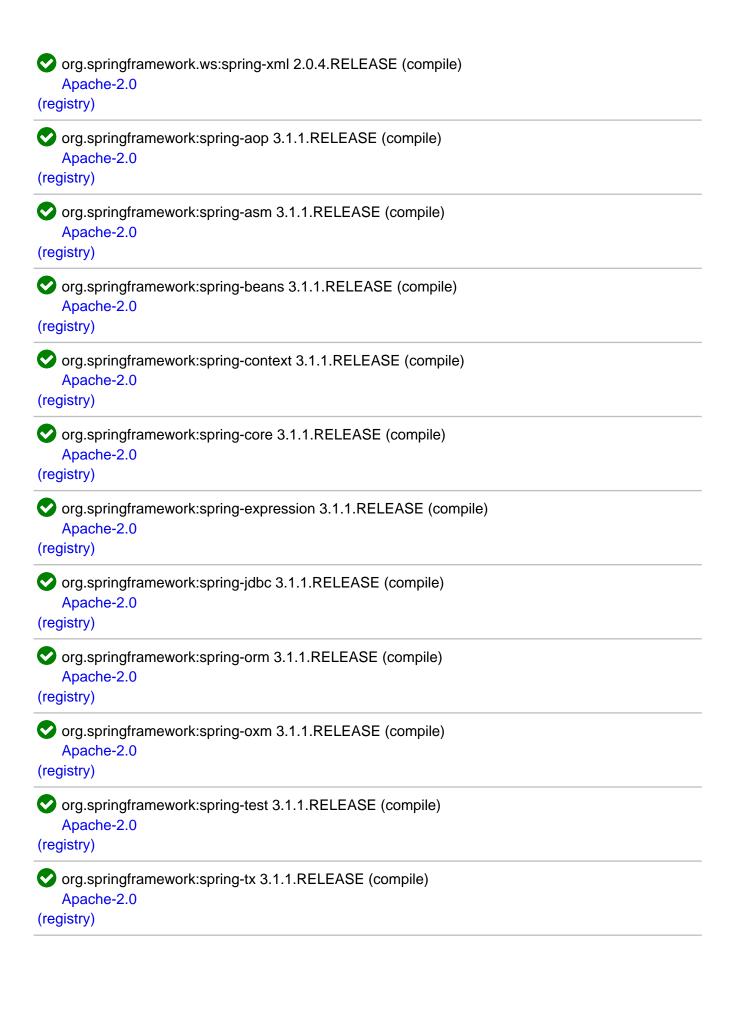
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javax.validation:validation-api 1.0.0.GA-redhat-1 (compile) Apache-2.0 (registry) javax.xml.bind:activation 1.0.2 (compile) **CDDL-1.1** (registry) iaxp 1.1 (compile) Apache-2.0 (registry) ✓ jcert 1.0.3 (compile) CDDL (registry) ims 1.0.2 (compile) **CDDL** (registry) jndi 1.2.1 (compile) **CDDL** (registry) inet 1.0.3 (compile) **CDDL** (registry) joda-time:joda-time 1.6 (compile) Apache-1.0 Apache-2.0 (registry) jsse 1.0.3 (compile) **CDDL** (registry) yiunit:junit 4.6 (compile) **CPL-1.0** (registry) ✓ log4j:log4j 1.2.14 (compile) Apache-2.0 (registry) net.sf.dozer:dozer 5.5.1 (compile) Apache-2.0 (registry)

net.sf.dozer:dozer-spring 5.5.1 (compile) Apache-2.0 (registry) net.sf.jasperreports:jasperreports-fonts -- (compile) LGPL-2.1 (registry) org.apache.commons:commons-collections4 4.1 (compile) Apache-2.0 (registry) org.apache.commons:commons-lang3 3.1 (compile) Apache-2.0 (registry) org.apache.poi:poi 3.17 (compile) Apache-2.0 (registry) org.apache.poi:poi-excelant 3.17 (compile) Apache-2.0 (registry) org.apache.poi:poi-ooxml 3.17 (compile) Apache-2.0 (registry) org.apache.poi:poi-ooxml-schemas 3.17 (compile) Apache-2.0 (registry) org.apache.poi:poi-scratchpad 3.17 (compile) Apache-2.0 (registry) org.apache.xmlbeans:xmlbeans 2.6.0 (compile) Apache-2.0 (registry) org.aspectj:aspectjrt 1.7.2 (compile) **EPL-1.0** (registry) org.aspectj:aspectjweaver 1.7.2 (compile) **EPL-1.0** (registry)

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(registry)
org.mockito:mockito-all 1.9.0 (compile)
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org.springframework:spring-web 3.1.1.RELEASE (compile) Apache-2.0 (registry) org.springframework:spring-webmvc 3.1.1.RELEASE (compile) Apache-2.0 (registry) org.zenframework.z8.dependencies.commons:dom4j-1.6.1 2.0 (compile) (registry) postgresql 9.4 (compile) **PostgreSQL** (registry) soap:soap 2.3.1 (compile) **CDDL** (registry) token-retry 2.1.0 (compile) Apache-2.0 (registry) token-retry-plugin-axis 1.4 (compile) Apache-2.0 (registry) wsdl4j:wsdl4j 1.5.1 (compile) **CPL-1.0** (registry) xerces:xmlParserAPIs 2.6.1 (compile) Apache-2.0 (registry) xercesImpl 2.6.2 (compile) Apache-2.0 (registry) xml-resolver:xml-resolver 1.1 (compile) Apache-2.0 (registry) xssflt -- (compile) Apache-2.0 (registry)



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BSD Licenses Versus the GPL

The GPL <> (GNU <> General Public License) is by far the most widely used license forfree software <> (i.e., software whose source code is available at no cost for anyone to use for any purpose). The Linuxkernel <> (i.e., the core of the operating system) as well as much of the other software generally included in Linux distributions have been released under the terms of the GPL.

Although far fewer programs are released under BSD-style licenses, this class of licenses is disproportionately important because of the widespread use of BSD-licensed code in both free and proprietary operating systems.

Possibly the biggest difference between the GPL and BSD licenses is the fact that the former is acopyleft license and the latter is not. Copyleft is the application of copyright law to permit the free creation of derivative works but requiring that such works be redistributable under the same terms (i.e.,

the same license) as the original work.

Closely related to this is the fact that, in sharp contrast to the GPL, BSD-style licenses do not require that derivative works based on BSD-licensed software make the source code for such derivative works freely available. This allows the direct incorporation of code from open source projects (i.e., from BSD-licensed software) into closed source projects. The GPL, however, specifically states: "This General Public License does not permit incorporating your program into proprietary programs."

A third difference is that the GPL is a single, copyrighted (by the Free Software Foundation, Inc.) license with no variants. BSD-style licenses, in contrast, are commonly modified for the specific situation.

In many cases, the use of open source code can allow companies to develop products more quickly and with less expense than if they wrote them with entirely original code. The fact that derivative products of BSD-licensed software are not required to be open source can be very useful for developers who want to create commercial products from open source code but who want to keep their modifications and/or extensions secret. Interestingly, companies that initially develop closed source products based on BSD-licensed code tend to be more likely to eventually make their source code publicly available than are companies that develop products that do not incorporate code code.

The issue of which license provides greater freedom and does the most to promote the development of improved software is highly controversial. In spite of the seeming simplicity of the licenses, there are no simple answers.

One of the most controversial properties of the GPL is its viral nature. This means that once some useful modification or addition to a GPL licensed program has been released, the source code of the modified or extended program must likewise be made freely available. That is, the GPL is a mechanism that deprives developers of the freedom to make their source code secret at some future date, although the developer can still use such code in commercial products. Critics of the GPL claim that this diminishes or destroys the commercial value of software because others can produce products that incorporate the same code.

GPL advocates claim that although the GPL is contagious in theory, it is not necessarily so in practice. Rather, they assert, it merely places restrictions on the code's re-use, as do BSD-style licenses.

One thing about both the GPL and the BSD-style licenses for which there is widespread agreement is that both have problems. Neither is perfect, and perhaps no license can be perfect. There is also considerable agreement that there are benefits both to software developers and to society as a whole from the choice provided by the existence of a variety of types of free software licenses, including the GPL and BSD-style licenses.

The "Advertising Clause"

The original version of the BSD license contained the so called advertising clause, which stated that all advertising materials that mention features of or use of the software must display the acknowledgment: "This product includes software developed by the University of California, Berkeley and its contributors."

One of the problems with this clause arose from the fact that people who made changes to the source code often wanted to have their names added to the acknowledgment. This could easily result in large and cumbersome acknowledgments for products with numerous contributors and for software distributions consisting of multiple individual projects.

A second problem was legal incompatibility with the terms of the GPL. This is because the GPL prohibits the addition of restrictions beyond those that it already imposes. Thus it was necessary to segregate GPL and BSD-licensed software within projects.

Initially, the "obnoxious BSD advertising clause," as it was referred to by GPL advocates, was used only for the BSD UNIX license. That did not cause any major problems because it was only necessary to include a single sentence of acknowledgment in any advertisement.

However, the fact that other software developers did not copy the clause verbatim, but replaced the phrase "University of California" with the name of their own organization or persons involved in it, resulted in a proliferation of slightly different licenses and a consequently serious problem when many

such programs were assembled to form a larger work or an operating system. For example, if an operating system or other program required fifty slightly different acknowledgment sentences, each naming a different developer or group of developers, suchadvertising alone might require a full page. Not only would this be very tedious reading, but it could also be costly.

In June 1999, after two years of discussion, the Office of Technology Licensing at UCB finally proclaimed: "Effective immediately, licensees and distributors are no longer required to include the acknowledgment within advertising materials. Accordingly, the foregoing paragraph of those BSD Unix files containing it is hereby deleted in its entirety."

This was clearly very useful. However, it could not eliminate the legacy of the advertising clause, as similar clauses still exist in the licenses of many programs that followed the old BSD license; only the developers of such packages can change them.

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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] <>

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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 the Sun Public License <> (SPL), also derived from the Mozilla Public License <>. The CDDL license is considered by Sun <> (now Oracle <>) to be SPL <> 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 characteristic 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 cannot 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 <>. arqued that while the letter 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.[38] <> In April 2016, the Ubuntu <> 16.04 LTS <> release included the CDDL-licensed ZFS on Linux <>.[39] <>

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 <>[40] <>
- * 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 <>]

* ^ a <> b <> c <> d <> e <> f <> g <> "Various Licenses and Comments About

Them - Common Development and Distribution License"

- https://www.gnu.org/licenses/license-list.html#CDDL. Free Software Foundation . Retrieved2020-10-14.
- * ^ a <> b <> "Can code licensed under the CDDL be combined with code

licensed under other open source licenses?"

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OpenSolaris. Archived fromthe original

http://www.opensolaris.org/os/about/faq/licensing_faq/#CDDL-combo on 2009-10-06.

* ^ <> Common Development and Distribution License (CDDL) Information https://web.archive.org/web/20090304142159/http://www.sun.com/cddl/, archived

from the original http://www.sun.com/cddl/">http://www.sun.com/cddl/ on 2009-03-04, We have drafted a new open source license ...

* ^ <> CDDL_MPL_redline.pdf

https://web.archive.org/web/20060816050912/http://www.sun.com/cddl/CDDL_MPL_redline.pdf on sun.com (archived)

* ^ a <> b <> CDDL Why Summary

https://web.archive.org/web/20050214114513/http://www.sun.com/cddl/CDDL_why_summary.html on sun.com (archived, 2005)

* ^ <> McNealy: CDDL is 'best of both worlds'

https://www.zdnet.com/article/mcnealy-cddl-is-best-of-both-worlds/ on

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

* ^ <> CDDL

https://tldrlegal.com/license/common-development-and-distribution-license-%28cddl-1.0%29-explained on tldrlegal.com

* ^ <> "Common Development and Distribution License 1.0 | Open Source Initiative" https://opensource.org/licenses/CDDL-1.0. opensource.org. 31

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    ^ <> "SPL to CDDL as of NetBeans 5.0 - Why change licenses?"
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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>.
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 * ^ <> 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
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* ^ <> "The Blog of Ben Rockwood"
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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.
 * ^ <> Danese Cooper (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_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-05-05-05-05-05-05-05-05-05-05-
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
<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_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-05-05-05-05-05-05-05-05-05-05-
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_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006/debconf6/theora-small/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-meetings/2006-05-14/tower/OpenSolaris_Debian-me
Simon_Phipps__Alvaro_Lopez_Ortega.ogg>
(Ogg Theora <>). Event occurs at 36:00. I actually disagree with Danese to some
degree..
  * ^ <> 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,
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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! https://www.reddit.com/r/IAmA/comments/31ny87/i_am_the_cto_of_joyent_the_father_of_dtrace_and/cq3bs9z?context=3> .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]" https://lwn.net/Articles/195167/>. lwn.net. Retrieved 2020-07-18. ' ^ <> "Cdrtools (Cdrecord) release information" https://cdrtools.sourceforge.net/private/cdrecord.html. cdrtools.sourceforge.net. Retrieved 2020-07-18. * ^ <> "The GNU General Public License" https://www.gnu.org/licenses/gpl.html. Retrieved 2009-10-24. * ^ <> "Die GPL kommentiert und erklrt Online-Version" https://web.archive.org/web/20150908033333/http://www.oreilly.de/german/freebooks/gplger/ (in German), O'Reilly, Archived from the original http://www.oreilly.de/german/freebooks/gplger on 2015-09-08. Retrieved 2010-11-17. * ^ <> "Neuer Streit um cdrtools" http://www.pro-linux.de/news/1/10155/neuer-streit-um-cdrtools.html. 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" https://fedoraproject.org/wiki/Forbidden_items#cdrtools. fedoraproject.org. Retrieved2020-07-18. * ^ <> Michael Larabel <> (6 October 2015). "Ubuntu Is Planning To Make The ZFS File-System A "Standard" Offering" https://www.phoronix.com/scan.php?page=news_item&px=Ubuntu-ZFS-Standard-Plans>. * ^ <> Dustin Kirkland (18 February 2016). "ZFS Licensing and Linux" https://insights.ubuntu.com/2016/02/18/zfs-licensing-and-linux/. Ubuntu Insights. Canonical. * ^ <> Are GPLv2 and CDDL incompatible? http://blog.hansenpartnership.com/are-gplv2-and-cddl-incompatible/ 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" https://softwarefreedom.org/resources/2016/linux-kernel-cddl.html. * ^ <> Moglen, Eben <>; Choudhary, Mishi (26 February 2016). "The Linux Kernel, CDDL and Related Issues" https://softwarefreedom.org/resources/2016/linux-kernel-cddl.html. 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 https://git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/tree/COPYING 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

http://www.softwarefreedom.org/news/2005/oct/31/new-attorneys/ (October 31,

2005)

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* ^ <> 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/</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://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">https://web.archive.org/web/20090304142159/http://www.sun.com/cddl/CDDL</a> why details.html>
, archived fromthe 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/faq/licensing_faq/">https://web.archive.org/web/20071027082141/http://www.opensolaris.org/os/about/faq/licensing_faq/</a>
* 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 <>)
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* Sun386i <>
* Sun-4 <>
* SPARCstation <>
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* NIS+ <>
* NFS <>
* ZFS <>
* SunView <>
* NeWS <>
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* 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=1186214858 https://en.wikipedia.org/w/index.php?title=Common_Development_and_Distribution_License&oldid=1186214858 " 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 21 November 2023, at 17:37 (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

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

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

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries

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

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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".)

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(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.)

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* 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.

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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.

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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.

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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.

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(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.)

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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.

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