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English / English
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제3자 소프트웨어 정보

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지멘스는 이 요청을 충족하기 위해 최대 5유로의 취급 수수료를 부과할 수 있다.

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luxon (npm) - 3.3.0	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT luxon (npm) - 3.3.0
luxon (npm) - 3.5.0	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT luxon (npm) - 3.5.0
lz4 (deb) - 1.9.4-1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT lz4 (deb) - 1.9.4-1
mawk (deb) - 1.3.4.20200120-3.1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT mawk (deb) - 1.3.4.20200120-3.1
ml-matrix - 6.8.0	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT ml-matrix - 6.8.0
mqtt (npm) - 4.2.6	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT mqtt (npm) - 4.2.6
multer (npm) - 2.0.2	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT multer (npm) - 2.0.2
ncurses (deb) - 6.4-4	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT ncurses (deb) - 6.4-4
nettle (deb) - 3.8.1-2	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT nettle (deb) - 3.8.1-2
ng-flex-layout (npm) - 21.0.4	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT ng-flex-layout (npm) - 21.0.4
ngx-widget-grid (npm) - 15.0.4	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT ngx-widget-grid (npm) - 15.0.4
node-jsonwebtoken - 8.5.1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT node-jsonwebtoken - 8.5.1
node-noop - 1.0.0	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT node-noop - 1.0.0
node-schedule - 2.0.0	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT node-schedule - 2.0.0
Node.js (nodejs.org variant) - 24.12.0	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT Node.js (nodejs.org variant) - 24.12.0
nodemailer (npm) - 7.0.10	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT nodemailer (npm) - 7.0.10
ol (npm) - 10.6.1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT ol (npm) - 10.6.1
openssl (deb) - 3.0.18-1~deb12u1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT openssl (deb) - 3.0.18-1~deb12u1
p11-kit (deb) - 0.24.1-2	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT p11-kit (deb) - 0.24.1-2
pam (deb) - 1.5.2-6+deb12u2	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT pam (deb) - 1.5.2-6+deb12u2
pcre2 (deb) - 10.42-1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT pcre2 (deb) - 10.42-1
perl (deb) - 5.36.0-7+deb12u3	Yes	This product contains software developed by RSA Data Security, Inc. MD5 Message-Digest Algorithm. This product contains software derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm.	LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT perl (deb) - 5.36.0-7+deb12u3
pg (npm) - 8.5.1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT pg (npm) - 8.5.1
pino (npm) - 8.17.2	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT pino (npm) - 8.17.2
prom-client (npm) - 15.1.3	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT prom-client (npm) - 15.1.3
qrcode-generator - 1.4.4	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT qrcode-generator - 1.4.4
redis (npm) - 4.6.7	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT redis (npm) - 4.6.7
reflect-metadata (npm) - 0.1.14	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT reflect-metadata (npm) - 0.1.14
reflect-metadata - 0.1.13	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT

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rrule (npm) - 2.8.1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT rrule (npm) - 2.8.1
rxjs (npm) - 7.8.1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT rxjs (npm) - 7.8.1
sed (deb) - 4.9-1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT sed (deb) - 4.9-1
sensible-utils (deb) - 0.0.17+nmu1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT sensible-utils (deb) - 0.0.17+nmu1
shadow (deb) - 4.13+dfsg1-1+deb12u2	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT shadow (deb) - 4.13+dfsg1-1+deb12u2
swagger-ui - 4.15.1	Yes	swagger-ui Copyright 2020-2021 SmartBear Software Inc.	LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT swagger-ui - 4.15.1
swagger-ui-express (npmjs) - 4.1.3	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT swagger-ui-express (npmjs) - 4.1.3
systemd (deb) - 252.39-1~deb12u1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT systemd (deb) - 252.39-1~deb12u1
sysvinit (deb) - 3.06-4	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT sysvinit (deb) - 3.06-4
tar (deb) - 1.34+dfsg-1.2+deb12u1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT tar (deb) - 1.34+dfsg-1.2+deb12u1
tslib - 2.3.0	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT tslib - 2.3.0
tslib - 2.3.1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT tslib - 2.3.1
tunnel (npm) - 0.0.6	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT tunnel (npm) - 0.0.6
tzdata (deb) - 2025b-0+deb12u2	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT tzdata (deb) - 2025b-0+deb12u2
underscore (npm) - 1.13.7	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT underscore (npm) - 1.13.7
usrmerge (deb) - 37~deb12u1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT usrmerge (deb) - 37~deb12u1
util-linux (deb) - 2.38.1-5+deb12u3	Yes	"Portions of this software were developed by the University of California, Berkeley." The software was developed by the University of California, Berkeley.	LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT util-linux (deb) - 2.38.1-5+deb12u3
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wget (deb) - 1.21.3-1+deb12u1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT wget (deb) - 1.21.3-1+deb12u1
ws (npm) - 7.5.10	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT ws (npm) - 7.5.10
xlsx-populate - v1.21.0	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT xlsx-populate - v1.21.0
xxhash (deb) - 0.8.1-1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT xxhash (deb) - 0.8.1-1
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zlib (deb) - 1.2.13.dfsg-1	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT zlib (deb) - 1.2.13.dfsg-1
zone.js (npm) - 0.16.0	Yes		LICENSE AND COPYRIGHT INFORMATION FOR COMPONENT zone.js (npm) - 0.16.0

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<one line to give the program's name and a brief idea of what it
does.>
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Version 2, June 1991

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signature of Ty Coon, 1 April 1990
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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.

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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.

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:

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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.

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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.

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, while the latter only works together with the library.

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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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.)

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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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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.
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Version 2, June 1991

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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.

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, while the latter only works together with the library.

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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"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.

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

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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.

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.

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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.

6. As an exception to the Sections above, you may also compile 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:

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b) 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.

c) 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.

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

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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.

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Matthews, blm@6sceng.UUCP.; Bruno Haible; Bruno Haible <bruno@clisp.org>; Bruno Haible <bruno@clisp.org> , Define; Bruno Haible <bruno@clisp.org> , Inspired; Bruno Haible <bruno@clisp.org> , Make; Bruno Haible <bruno@clisp.org> , Tell GCC; Bruno Haible <haible@clisp.cons.org>; Bruno Haible and Martin Lambers; Bruno Haible and Paul Eggert; Bruno Haible and Simon Josefsson; COPYRIGHT Free Software Foundation, Inc.; Colin Plumb; Colin Plumb and Paul Eggert; Colin Watson <cjwatson@debian.org>; Common options Common; Copyright (c) $year Free Software Foundation, Inc; Copyright (c) 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007; Copyright (c) 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 Free Software Foundation, Inc.; Copyright (c) 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2010 Free Software Foundation, Inc.; Copyright (c) 1976-1988, 1999-2008, 2010-2011 Free Software Foundation, Inc.; Copyright (c) 1984 David M. 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Peter Anvin; Ian Lance Taylor <ian@airs.com>; Isamu Hasegawa <isamu@yamato.ibm.com>; James Youngman; James Youngman <jay@gnu.org>; Jan Brittenson, bson@gnu.ai.mit.edu; Jay Lepreau (lepreau@cs.utah.edu); Jay Lepreau and David MacKenzie; Jia Zhang <qianyue.zj@alibaba-inc.com>; Jim Blandy (jimb@ai.mit.edu); Jim Kingdon and David MacKenzie. Rewritten; Jim Meyering; Jim Meyering <jim@meyering.net>; Jim Meyering <jim@meyering.net> , and Bruno Haible <bruno@clisp.org> , and Eric Blake <ebb9@byu.net>; Jim Meyering <jim@meyering.net> and Bruno Haible <bruno@clisp.org>; Jim Meyering <jim@meyering.net> and Eric Blake <ebb9@byu.net>; Jim Meyering <meyering@ascend.com>; Jim Meyering and Bruno Haible; Jim Meyering and Eric Blake; Jim Meyering and Giuseppe Scrivano; Jim Meyering and Joel E. Denny; Jim Meyering and Paul Eggert; Jim Meyering, Eric Blake and Padraig Brady; Joseph Arceneaux and David MacKenzie; Joseph Arceneaux, David MacKenzie, and Kaveh Ghazi; Joseph Arceneaux, David MacKenzie, and Michael Stone; Kaveh Ghazi ghazi@caip.rutgers.edu; Kayvan Aghaiepour and David MacKenzie; Kevin Braunsdorf and Matthew Bradburn; Mark Kettenis; Mark Kettenis <kettenis@phys.uva.nl>; Martin Lambers <marlam@marlam.de>; Matteo Croce <mcroce@redhat.com>; Matteo Croce <mcroce@redhat.com> , Documentation; Michael Meskes; Michael Stone; Michael Stone <mstone@debian.org>; Mike Haertel; Mike Haertel and Paul Eggert; Mike Haertel, mike@gnu.ai.mit.edu; Mike Parker; Mike Parker and David MacKenzie; Mike Parker, David MacKenzie, and Jim Meyering; Mike Parker, James Youngman, and Paul Eggert; Mike Parker, Richard M. Stallman, and David MacKenzie; Mohit Agarwal; Nick Alcock <nix@esperi.org.uk>; Nicolas Darnis <ndarnis@free.fr>; Oskar Liljeblad; Oskar Liljeblad <oskar@osk.mine.nu>; Padraig Brady; Padraig Brady and Q. Frank Xia; Padraig Brady and Samuel Neves; Paolo Bonzini; Paolo Bonzini <bonzini@gnu.org>; Paul Eggert; Paul Eggert <eggert@cs.ucla.edu>; Paul Eggert <eggert@twinsun.com>; Paul Eggert <eggert@twinsun.com> and Sergey Poznyakoff <gray@gnu.org>; Paul Eggert and Andreas Gruenbacher; Paul Eggert and Andreas Gruenbacher, and Bruno Haible; Paul Eggert and Bruno Haible; Paul Eggert and David MacKenzie; Paul Eggert and Eric Blake; Paul Eggert and Jim Meyering; Paul Eggert and Larry McVoy; Paul Eggert and Martin Lambers; Paul Eggert, Andreas Grunbacher, and Bruno Haible; Paul Eggert, Bruno Haible, Derek Price; Paul Eggert, Bruno Haible, Sam Steingold, Peter Burwood; Paul Eggert, Bruno Haible, and Jim Meyering; Paul Eggert, David MacKenzie, and Jim Meyering; Paul Eggert, Glen Lenker, and Bruno Haible; Paul Eggert, Jim Meyering, and David Bartley; Paul Eggert, and Bruno Haible <bruno@clisp.org>; Paul Rubin <phr@ocf.berkeley.edu> . 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Jones; Roger Peel <R.Peel@ee.surrey.ac.uk>; Roland McGrath; Roland McGrath (roland@ai.mit.edu); Ross Paterson; Ross Paterson <rap@doc.ic.ac.uk>; Ross Paterson. Francois Pinard; Russell Coker; Russell Coker and Jim Meyering; Scott Bartram; Scott Bartram and David MacKenzie; Scott G. Miller Credits Robert Klep <robert@ilse.nl>; Sergey Poznyakoff and Eric Blake. EOT; Simon Josefsson; Simon Josefsson <simon@josefsson.org>; Simon Josefsson and Assaf Gordon; Simon Josefsson and Bruno Haible; Simon Josefsson and Paul Eggert; Simon Josefsson, Bruno Haible; Simon Josefsson, and Eric Blake; Simon Josefsson. Adapted; Steven M. Bellovin <smb@research.att.com>; Stuart Kemp and David MacKenzie; Stuart Kemp, cpsrk@groper.jcu.edu.au; Tom Tromey <tromey@cygnus.com>; Tor Lillqvist <tml@iki.fi>; Torbjorn Granlund; Torbjorn Granlund (tege@sics.se); Torbjorn Granlund and Richard M. Stallman; Torbjorn Granlund, David MacKenzie, Paul Eggert, and Jim Meyering; Torbjorn Granlund, David MacKenzie, and Jim Meyering; Torbjorn Granlund, David MacKenzie, and Paul Eggert; Torbjorn Granlund, Sweden (tege@sics.se); Ulrich Drepper; Ulrich Drepper <drepper@cygnus.com>; Ulrich Drepper <drepper@cygnus.com> , Bruno Haible <haible@clisp.cons.org>; Ulrich Drepper <drepper@cygnus.com> , Bruno Haible <haible@clisp.cons.org> , Macro; Ulrich Drepper <drepper@cygnus.com> , Check; Ulrich Drepper <drepper@gnu.ai.mit.edu>; Ulrich Drepper <drepper@gnu.org> , Native; Ulrich Drepper, Scott Miller, and David Madore; Volker Borchert, Eric Blake; Yasuyuki Furukawa <yasu@on.cs.keio.ac.jp>; Yoann Vandoorselaere <yoann@prelude-ids.org>; don't like it <https://wiki.musl-libc.org/faq.html> <https://lists.gnu.org/archive/html/bug-gnulib/2018-02/msg00079.html>; eggert@twinsun.com; lm@sgi.com; name. .; name. . 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Wayne Davison; Paul Eggert, and Bruno Haible <bruno@clisp.org>; Paul Vixie; Per Bothner; Peter Rosin <peda@lysator.liu.se>; Rafal Maszkowski <rzm@icm.edu.pl> 1996, 2002, 2004, 2009-2012, 2017, 2021; Randy Smith; Randy Smith. GNU; Roland McGrath (roland@ai.mit.edu); Sergey Poznyakoff and Eric Blake. EOT; Simon Arlott <simon@fire.lp0.eu>; Simon Josefsson; Simon Josefsson <simon@josefsson.org>; Simon Josefsson and Bruno Haible; Simon Josefsson and Paul Eggert; Simon Josefsson, Bruno Haible; Simon Josefsson, and Eric Blake; Thomas Lord; Thomas Lord. GNU; Tom Tromey <tromey@cygnus.com>; Torbj@'orn Granlund and David MacKenzie; Torbjorn Granlund (tege@sics.se); Torbjorn Granlund and David MacKenzie; Ulrich Drepper <drepper@cygnus.com>; Ulrich Drepper <drepper@cygnus.com> , Bruno Haible <haible@clisp.cons.org>; Ulrich Drepper <drepper@cygnus.com> , Bruno Haible <haible@clisp.cons.org> , Macro; Ulrich Drepper <drepper@gnu.ai.mit.edu>; Yasuyuki Furukawa <yasu@on.cs.keio.ac.jp>; don't like it <https://wiki.musl-libc.org/faq.html> <https://lists.gnu.org/archive/html/bug-gnulib/2018-02/msg00079.html>; name. .; name. . TRANSLATORS; s, s, s, s, s, and others; s, s, s, s, s, s, s, s, s, and others; s, s, s, s, s, s, s, s, s, and others. , authors

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Version 3.0, 18 August 2009

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Vaughan; Gordon Matzigkeit; Gordon Matzigkeit <gord@gnu.ai.mit.edu>; Guillem Jover <guillem@debian.org>; Guillem Jover <guillem@debian.org> (2006-); Hanno Bock <hanno@hboeck.de>; Helge Kreutzmann <debian@helgefjell.de>; Helmut Grohne <helmut@subdivi.de>; Herbert Xu <herbert@gondor.apana.org.au>; Holger Levsen <holger@layer-acht.org>; Ian Jackson; Ian Jackson (ijackson@gnu.ai.mit.edu); Ian Jackson <ijackson@chiark.greenend.org.uk>; Ian Jackson <ijackson@chiark.greenend.org.uk> (1994-1998); Ian Jackson <ijackson@gnu.ai.mit.edu>; Ian Jackson <iwj@ubuntu.com>; Ian Jackson. They; Igor Pashev <pashev.igor@gmail.com>; Ivan J. <parazyd@dyne.org>; Jack Bates <wdz7eo@nottheoilrig.com>; Jakub Wilk <jwilk@debian.org>; Jakub Wilk <jwilk@jwilk.net>; James Clarke <jrtc27@debian.org>; James Clarke <jrtc27@jrtc27.com>; James McCoy <jamesan@debian.org>; James McCoy <jamessan@debian.org>; Javier Fernandez-Sanguino Pena <jfs@debian.org>; Javier Serrano Polo <javier@jasp.net>; Jean-Pierre Giraud <jenapierregiraud75@free.fr>; Jeremy Bobbio <lunar@debian.org>; Jessica Clarke <jrtc27@debian.org>; Joel Klecker <jk@espy.org>; Johannes Schauer <j.schauer@email.de>; Johannes Schauer <josch@debian.org>; Johannes Schauer Marin Rodrigues <josch@debian.org>; Johannes josch Schauer <josch@mister-muffin.de>; Jordi Mallach <jordi@debian.org>; Jorg Sonnenberger <joerg@NetBSD.org>; Jorg Sonnenberger <joerg@netbsd.org>; Joseph Nahmias <jello@debian.org>; Josh Soref <jsoref@gmail.com>; Josh Triplett <josh@joshtriplett.org>; Joshua Rogers <megamansec@gmail.com>; Juho Vuori E; Julian Andres Klode <jak@debian.org>; Julian R <debian@styxxx.de>; Kenshi Muto <kmuto@debian.org>; Kisaragi Marine <kisaragi.effective@gmail.com>; Klaus Ita <koki.eml@gmail.com>; Klee Dienes <klee@debian.org>; Kyle Willmon <kylewillmon@gmail.com>; Larkin Nickle <me@larbob.org>; Lin Bo Ren; Lukasz Dulny <BartekChom@poczta.onet.pl>; Lukasz Dulny <bartekchom@poczta.onet.pl>; Maintainer Dpkg Developers <debian-dpkg@lists.debian.org>; Manuel A. Fernandez Montecelo <mafm@debian.org>; Marcin Owsiany <marcin@owsiany.pl>; Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>; Marek Vasut <marex@denx.de>; Martin Bagge <martin.bagge@glesys.se>; Martin Pitt <martin.pitt@canonical.com>; Mattia Rizzolo <mattia@debian.org>; Maximilian Schwerin <maximilian.schwerin@tigris.de>; Mert Dirik <mertdirik@gmail.com>; Michael Biebl <biebl@debian.org>; Michael Vogt <mvo@ubuntu.com>; Miguel Figueiredo <elmig@debianpt.org>; Milo Casagrande <milo@milo.name>; Miquel van Smoorenburg <miquels@cistron.nl>; Miroslav Kure <kurem@debian.cz>; Miroslav Kure <kurem@upcase.inf.upol.cz>; Mo McRoberts <mo@nevali.net>; Mo Zhou <lumin@debian.org>; Nagy Elemer Karoly <nagy.elemer.karoly@gmail.com>; Niall Walsh

<niallwalsh@celtux.org>; Nicolas Boulenguez <nicolas.boulenguez@free.fr>; Nicolas Boulenguez <nicolas@debian.org>; Niels Thykier <niels@thykier.net>; Niels Thykier niels@thykier.net; Nishanth Aravamudan <nish.aravamudan@canonical.com>; Norbert Preining <norbert@preining.info>; Oliver Elphick <olly@linda.lfix.co.uk>; Patrick P. J. McDermott <pjm@nac.net>; Paul Gevers <elbrus@debian.org>; Paul Wise <pabs@debian.org>; Pavlovets Sergei Nikolaevich <s.pavlovets@ivcmf.by>; Pedro Ribeiro <pedrib@gmail.com>; Per Bothner; Peter Krefting <peter@softwolves.pp.se>; Peter Rosin <peda@lysator.liu.se>; Pietro Battiston <me@pietrobattiston.it>; Quentin PAGES <quentinantonin@free.fr>; Ralf Treinen <treinen@free.fr>; Raphael Hertzog <hertzog@debian.org>; Reiner Herrmann <reiner@reiner-h.de>; Remi Rampin <remirampin@gmail.com>; Remus-Gabriel Chelu <remusgabriel.chelu@disroot.org>; Richard Purdie <richard.purdie@linuxfoundation.org>; Robert Millan <rmh@aybabtu.com>; Roderich Schupp <roderich.schupp@gmail.com>; Samuel Thibault <sthibault@debian.org>; Sangdo Jun <sebuls@gmail.com>; Santiago Vila <sanvila@unex.es>; Scott James Remnant; Sebastian Andrzej Siewior <sebastian@breakpoint.cc>; Sebastien Poher <sbphr@volted.net>; Sebastien Poher <sebastien@volted.net>; Shengjing Zhu <shengjing.zhu@canonical.com>; Simon Josefsson; Soren Tempel <soeren+git@soeren-tempel.net>; Soren Tempel <soeren@soeren-tempel.net>; Steinar H. Gunderson <sesse@debian.org>; Steven Chamberlain <steven@pyro.eu.org>; Stuart Prescott <stuart@debian.org>; Sven Joachim <svenjoac@gmx.de>; Takuma Yamada <tyamada@takumayamada.com>; Taowa Munene-Tardif <taowa@debian.org>; Ted Ts'o <tytso@mit.edu>; Theppitak Karoonboonyanan <thep@debian.org>; Thomas Klausner <wiz@NetBSD.org>; Thorsten Glaser <t.glaser@tarent.de>; Thorsten Glaser <tg@debian.org>; Thorsten Glaser <tg@mirbsd.de>; Tom Goulet <tomg@sentex.ca>; Tom Tromey <tromey@cygnus.com>; Tran Ngoc Quan <vnwildman@gmail.com>; Ulrich Drepper <drepper@cygnus.com>; Ulrich Drepper <drepper@cygnus.com> , Bruno Haible <haible@clisp.cons.org>; Ulrich Drepper <drepper@cygnus.com> , Bruno Haible <haible@clisp.cons.org> , Macro; Vagrant Cascadian <vagrant@reproducible-builds.org>; Valentin Samir <valentin.samir@crans.org>; Ville Skytta <ville.skytta@iki.fi>; Vincent Renardias <vincent@waw.com>; Yann Dirson <ydirson@a2points.com>; YunQiang Su <wzssyqa@gmail.com>; Yuri Gribov; Yuri Kozlov <yuray@komyakino.ru>; Yuri Vasilevski <yvasilev@gentoo.org>; Zhou Mo <cdluminate@gmail.com>; copyright 1995 Ian Jackson. Isso; copyrighted by the Free Software Foundation; doxygen. Using; nab <nabijaczleweli@nabijaczleweli.xyz>; sepero111@gmx.com; testing Build-Depends; you. Offer

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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.)

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.

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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.

6. As an exception to the Sections above, you may also compile 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.

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b) 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.

c) 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.

d) 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 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.

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Version 2, June 1991

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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.

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, while the latter only works together with the library.

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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(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.

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Woods <jwoods@adobe.com>; James Woods; James Yougnman <jay@gnu.org>; James Youngman; James Youngman <jay@gnu.org>; James Youngman, <jay@gnu.org>; Ji Dan Ni Dan Jacobson <jidanni@jidanni.org>; Jim Blandy (jimb@ai.mit.edu); Jim Meyering; Jim Meyering <jim@meyering.net>; Jim Meyering <jim@meyering.net> , and Bruno Haible <bruno@clisp.org> , and Eric Blake <ebb9@byu.net>; Jim Meyering <jim@meyering.net> and Bruno Haible <bruno@clisp.org>; Jim Meyering <meyering@ascend.com>; Jim Meyering and Bruno Haible; Jim Meyering and Joel E. 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Reasons for the change can be found on his blog, http://blogs.sun.com/webmink/entry/old_code_and_old_licenses

Other related hits:
http://www.infoworld.com/print/135999
http://yro.slashdot.org/comments.pl?sid=1767910&cid=33388040
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According to Wim Coekaert's, Oracle America VP, blog:
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Version 3.1, 31 March 2009

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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.

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.

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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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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.

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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.

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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.

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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".)

"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.

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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.

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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.

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Preamble

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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 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 a program 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.

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

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

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.

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, while the latter only works together with the library.

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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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:

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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.

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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.

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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.

6. As an exception to the Sections above, you may also compile 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) 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.

c) 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.

d) 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 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.

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:

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Version 3, 29 June 2007

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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.

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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.

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The “source code” for a work means the preferred form of the work for making modifications to it. “Object code” means any non-source form of a work.

A “Standard Interface” means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The “System Libraries” of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A “Major Component”, in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The “Corresponding Source” for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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Version 3, 29 June 2007

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Version 3.0, 18 August 2009

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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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Version 3, 29 June 2007

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Version 3.0, 18 August 2009

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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.

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:

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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.

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Version 3, 29 June 2007

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Brisco.; Roland McGrath (roland@ai.mit.edu); Santiago Ruano Rincon <santiago@debian.org>; Santiago Ruano Rincon <santiagorr@riseup.net>; Sergey Poznyakoff and Eric Blake. 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Version 2, June 1991

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Version 3.0, 18 August 2009

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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.

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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".)

"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.

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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.

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Preamble

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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 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 a program 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.

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

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, 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 companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

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.

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, while the latter only works together with the library.

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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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:

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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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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.

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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.

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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 compile 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.

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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) 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.

c) 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.

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Version 3, 29 June 2007

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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>

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

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

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Version 2, June 1991

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

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.

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, while the latter only works together with the library.

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".)

"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.

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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.

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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.)

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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.

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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.

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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 compile 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

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b) 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.

c) 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.

d) 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 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.

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.

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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.)

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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.

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.

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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.

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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.

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

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Version 2.1, February 1999

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

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Version 2, June 1991

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Frank Henigman <fjhenigman@mud.cgl.uwaterloo.ca>; Fred Fish <fnf@ninemoons.com>; Gary Funck <gary@Intrepid.Com>; Gary Johnson <gjohnson@season.com>; Gary Samuelson <gary.samuelson@verizon.com>; Gaute Hope; George Goffe <grgoffe@yahoo.com>; George.R.Goffe@seagate.com; Gerben Wierda <wierda@holmes.nl>; Gerhard Fuernkranz; Gerhard Haering <haering_linux@gmx.de>; Glenn Maynard <glenn@zewt.org>; Goran Uddeborg <goeran@uddeborg.pp.se>; Gran Hasse <gh@raditex.se>; Greg Roelofs <greg.roelofs@philips.com>; Greg Schafer <gschafer@zip.com.au>; Hans-Joachim Widmaier <hjwidmai@foxboro.com>; Hendrik Reichel <106065.2344@compuserve.com>; Hugh Daniel <hugh@rat.toad.com>; Huy Le <huyle@ugcs.caltech.edu>; Ian T. Zimmerman <itz@rahul.net>; Igor Schein <igor@txc.com>; Ilya Zakharevich <ilya@math.ohio-state.edu>; J. Staerck; J.T. Conklin <jtc@cygnus.com>; Jason Evans <jasone@mrc.uidaho.edu>; Jason Evans <jevans@apple.com>; Jason McIntyre <jmc@prioris.mini.pw.edu.pl>; Javier Kohan <jkohan@adan.fceia.unr.edu.ar>; Jeff Bradbury <jibradbury@lucent.com>; Jeff Haas <jmh@mail.msen.com>; Jeffrey C Honig <jch@bsdi.com>; Jeremy Buhler <jbuhler@cs.washington.edu>; Jesse Thilo <Jesse.Thilo@pobox.com>; Joao Palhoto Matos <jmatos@math.ist.utl.pt>; Joerg Wunsch <j@interface-business.de>; John Burnell (johnb@kea.am.dsir.govt.nz); John David Anglin <dave@hiauly1.hia.nrc.ca>; John Hawkinson <jhawk@MIT.EDU>; John Kunze; John M. Flinchbaugh <glynis@netrax.net>; John Polterak <jp@eyup.org>; Johnny C Lam <lamj@stat.cmu.edu>; Jonathan Ward <Jonathan.Ward@hp.com>; Jose Luis Rico Botella <informatica@serpis.com>; Joseph Spainhour spainhou@bellsouth.net; Josip Rodin <joy@cibalia.gkvk.hr>; Jouko Pynnonen <jouko@solutions.fi>; Juan Jose Garcia Ripoll <worm@arrakis.es>; Juergen Ehling <eh@eclipse.aball.de>; Juergen Pfeifer; Juergen Pfeifer and Thomas E. Dickey; Juergen Pfeifer, and Thomas E. Dickey; Juergen Pfeifer, and Thomas E. Dickey, and Nicolas Boulenguez; Justin B. Rye <jbr@edlug.org.uk>; Kazuo Horikawa <horikawa@FreeBSD.org>; Kenneth Albanowski <kjahds@kjahds.com>; Kevin J. Cummings <cummings@primerd.prime.com>; Kevin Murphy <murphy@genome.chop.edu>; Kim DeVaughn <kimdv@best.com>; Kimio Ishii <ishii@csl.sony.co.jp>; Klaus Weide <kweide@enteract.com>; Klaus Weide <kweide@tezcat.com>; Kriang Lerdsuwanakij <lerdsuwa@scf-fs.usc.edu>; Kriang Lerdsuwanakij <lerdsuwa@scf.usc.edu>; Kriang Lerdsuwanakij <lerdsuwa@users.sourceforge.net>; Kurt Shoens; Larry W. Virden <lvirden@cas.org>; Lars Hecking <lhecking@nmrc.ie>; Laurent Pautet (pautet@gnat.com); Laurent Pautet <pautet@gnat.com>; Leonid S Usov; Lorenzo M. Catucci <lorenzo@argon.roma2.infn.it>; Lucas Gonze <lgonze@panix.com>; MainStream Systems, Winfield Kansas; Maksim A Nikulin <M.A.Nikulin@inp.nsk.su>; Manoj Kasichainula <manojk@io.com>; Marc Glisse <marc.glisse@normalesup.org>; Marc Smith <marc.a.smith@home.com>; Marek Paliwoda <paliwoda@kki.net.pl>; Mark Kettenis <kettenis@wins.uva.nl>; Martin Mokrejs <mmokrejs@natur.cuni.cz>; Matt Gerassimoff <mgeras@ticon.net>; Matthew Clarke <Matthew_Clarke@mindlink.bc.ca>; Michael Andres <ma@suse.de>; Michael Bienia <michael@vorlon.ping.de>; Michael Pakovic <mpakovic@fdn.com>; Michael Sterrett <msterret@coat.com>; Michael Yount <yount@csf.Colorado.edu>; Mihai Budiu <mihaib@gs41.sp.cs.cmu.edu>; Mike Castle <dalgoda@ix.netcom.com>; Mike Hopkirk <hops@sco.com>; Mike Karels <karels@redrock.bsdi.com>; Miloslav Trmac <mitr@volny.cz>; Mitsuru Chinen <mchinen@yamato.ibm.com>; Neil Zanella <nzanella@cs.mun.ca>; Nelson H. F. Beebe <beebe@math.utah.edu>; Nicolas Boulenguez; Nicolas Boulenguez <nicolas@debian.org>; Niibe Yutaka <gniibe@m17n.org>; Nikolay Shadrin <queen@qh.mirea.ac.ru>; Olaf Buddenhagen <olafBuddenhagen@web.de>; Olaf Siebert <rhialto@polder.ubc.kun.nl>; Paul Jackson <pj@sam.engr.sgi.com>; Pavel Curtis; Pavel Curtis. Eric S. Raymond; Pavel Fedin <sonic_amiga@rambler.ru>; Pavel Roskin <pavel_roskin@geocities.com>; Pavel Roskin <proski@gnu.org>; Pedro Palhoto Matos <plpm@mega.ist.utl.pt>; Per Bothner; Per Foreby, perf@efd.lth.se; Peter L Jordan <PJordan@chla.usc.edu>; Peter S Mazinger <ps.m@gmx.net>; Peter Wemm <peter@netplex.com.au>; Peter Wemm <peter@spinner.DIALix.COM>; Peter Wemm <peter@spinner.dialix.com>; Philip Guenther <guenther@gac.edu>; Philip Spencer <pspencer@fields.utoronto.ca>; Philippe Blain <bledp@voila.fr>; Philippe De Muyter <phdm@macqel.be>; Piotr Majka <charvel@link.pl>; Rafael Rodriguez Velilla <rrv@tid.es>; Ralf Hildebrandt <R.Hildebrandt@tu-bs.de>; Rich Kulawiec <rsk@gsp.org>; Richard McIntosh; Rick Marshall <rjm@nlc.net.au>; Rick Ohnemus <rick@ecompcon.com>; Rob Braun <bbraun@synack.net>; Rob Nation (nation@rocket.sanders.lockheed.com); Robert Dunn, <rcdii@inlink.com>; Robert Millan <zeratul2@wanadoo.es>; Robert Weiner <robert@progplus.com>; Robert Wuest <rwuest@sire.vt.com>; Ronald Ho <rho@mipos2.intel.com>; Rudolf Leitgeb <leitgeb@leland.stanford.edu>; Ruediger Kuhlmann <uck4@rz.uni-karlsruhe.de>; Russell Ruby <russ@math.orst.edu>; Sam Varshavchik <mrsam@courier-mta.com>; Samuel Mikes <smikes@cubane.com>; Satoshi Adachi <adachi@wisdom.aa.ap.titech.ac.jp>; Scott Beck <scott@gossamer-threads.com>; Sergei Ivanov <svivanov@pdmi.ras.ru>; Sergei Pokrovsky <pok@nbsp.nsk.su>; Sidik Isani <isani@cfht.hawaii.edu>; Simon J Raybould (sie@fulcrum.bt.co.uk); Solar Designer <solar@false.com>; Sotiris Vassilopoulos <svas@leon.nrcps.ariadne-t.gr>; Stanislav Ievlev <inger@altlinux.org>; Stefan Stapelberg <stefan@rent-a-guru.de>; Stefan Vogtner <stefan@vogtner.de>; Stephan K Zitz <zitz@erf.net>; Stephen Hurd <deuce@lordlegacy.org>; Steven W Orr <steveo@world.std.com>; Sullivan N Beck <sbeck@cise.ufl.edu>; Sven Joachim <svenjoac@gmx.de>; Sven Verdoolaege <skimo@kotnet.org>; Sven Verdoolaege and Thomas Dickey; Telford Tendys <telford@eng.uts.edu.au>; Thanh Ma <Thanh.Ma@casi-rusco.com>; Thomas Dickey; Thomas Dickey <dickey@clark.net>; Thomas Dickey and Ilya Zakharevich; Thomas Dickey and Zeyd M. Ben-Halim <zmbenhal@netcom.com>; Thomas E Dickey; Thomas E. Dickey; Thomas E. Dickey <dickey@clark.net> 1996; Thomas E. Dickey <dickey@clark.net> 1997; Thomas E. Dickey <dickey@clark.net> 1998; Thomas E. Dickey <dickey@clark.net> 1999; Thomas E. Dickey <dickey@clark.net> 1999-on; Thomas E. Dickey <dickey@clark.net> Edit; Thomas E. Dickey Juergen Pfeifer; Thomas E. Dickey and Juergen Pfeifer; Thomas E. Dickey and Zeyd M. Ben-Halim <zmbenhal@netcom.com>; Thomas Esser <te@informatik.uni-hannover.de>; Thomas Graf <graf@essi.fr>; Tim Mooney <mooney@dogbert.cc.ndsu.NoDak.edu>; Todd C Miller <Todd.Miller@courtesan.com>; Tom Riddle <ftr@oracom.com>; Tomasz Wasiak <tjwasiak@grubasek.komputom.com.pl>; Tomasz Wasiak <tjwasiak@komputom.com.pl>; Tomohiro Kubota <kubota@debian.org>; Tony L Keith <tlkeith@keithconsulting.com>; Ty Sarna <tsarna@endicor.com>; Uchiyama Yasushi <uch@nop.or.jp>; Ulrich Drepper and Anatoly Ivasyuk; Valentin Nechayev <netch@netch.kiev.ua>; Valeriy E Ushakov <uwe@ptc.spbu.ru>; Vernon C. Hoxie <vern@zebra.alphacdc.com>; Vincent Broman <broman@nosc.mil>; Ward Horner <whorner@tsi-telsys.com>; Warren L Dodge <warrend@mdhost.cse.tek.com>; Warren Tucker <wht@n4hgf.mt-park.ga.us>; Warren Tucker wht@n4hgf.mt-park.ga.us; William P Setzer <wsetzer@pams.ncsu.edu>; Wolfgang Gutjahr <gutw@knapp.co.at>; Wolfgang Gutjahr <gutw@knapp.com>; Wolfgang Rohdewald <wr6@uni.de>; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com>; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Juergen Pfeifer 1996-1999; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Juergen Pfeifer 1996-on; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Juergen Pfeifer 1997; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Juergen Pfeifer, 1998,2009; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Sven Verdoolaege; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Sven Verdoolaege 2001; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Thomas E. Dickey 1995-on; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Thomas E. Dickey 1996; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Thomas E. Dickey 1996-2003; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Thomas E. Dickey 1996-on; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Thomas E. Dickey 1998-on; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Thomas E. Dickey 2002; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1992,1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Thomas E. Dickey, 1996; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1995 and Eric S. Raymond <esr@snark.thyrsus.com>; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Juergen Pfeifer 1996-1999,2008; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Juergen Pfeifer 1997-1999; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Juergen Pfeifer 1997-1999,2008; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Juergen Pfeifer 1997-1999,2009; Zeyd M. Ben-Halim <zmbenhal@netcom.com> 1995 and Eric S. Raymond <esr@snark.thyrsus.com> and Juergen Pfeifer 1999,2008; a small group of volunteers; copyright 1997 by Joey Hess; copyright Howard Jones; one Bruce Holloway; sci-fi@hush.ai; the Interrupt; the University of California, Berkeley and its contributors

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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.

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:

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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.

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Version 3, 29 June 2007

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release Derived Year Owner GPL-
from compatible? (1)

0.9.0 thru 1.2 1991-1995 CWI yes
1.3 thru 1.5.2 1.2 1995-1999 CNRI yes
1.6 1.5.2 2000 CNRI no
2.0 1.6 2000 BeOpen.com no
1.6.1 1.6 2001 CNRI yes (2)
2.1 2.0+1.6.1 2001 PSF no
2.0.1 2.0+1.6.1 2001 PSF yes
2.1.1 2.1+2.0.1 2001 PSF yes
2.2 2.1.1 2001 PSF yes
2.1.2 2.1.1 2002 PSF yes
2.1.3 2.1.2 2002 PSF yes
2.2.1 2.2 2002 PSF yes
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2.2.3 2.2.2 2003 PSF yes
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2.3.4 2.3.3 2004 PSF yes
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2.4 2.3 2004 PSF yes
2.4.1 2.4 2005 PSF yes
2.4.2 2.4.1 2005 PSF yes
2.4.3 2.4.2 2006 PSF yes
2.5 2.4 2006 PSF yes
2.7 2.6 2010 PSF yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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Version 2, June 1991

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jloup@gzip.org madler@alumni.caltech.edu

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Version 2, June 1991

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Version 3.0, 18 August 2009

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Version 3, 29 June 2007

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Version 2.1, February 1999

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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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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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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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c) 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.

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Adapted; Denis Excoffier <Denis.Excoffier@free.fr>; Dick Karpinski (dick@cca.ucsf.edu); Doug McLaren <dougmc@frenzied.us>; Eric Blake; Eric Blake <ebb9@byu.net>; Eric Blake and Bruno Haible; Eric Blake and Paul Eggert; Eric Blake, Paul Eggert, and Jim Meyering; Erik Brangs <erik.brangs@gmx.de>; Erik Cumps <erik.cumps@icos.be>; F. Pinard; Fran,cois Pinard; Francois Pinard <pinard@iro.umontreal.ca>; Frank Heckenbach <frank@g-n-u.de>; Gordon Matzigkeit <gord@gnu.ai.mit.edu>; Graham Todd; Guillem Jover <guillem@debian.org> Origin vendor Forwarded; Helmut Waitzmann <helmut.waitzmann@web.de>; Isamu Hasegawa <isamu@yamato.ibm.com>; James Antill; Jan-Benedict Glaw <jbglaw@lug-owl.de>; Jay Fenlason (hack@ai.mit.edu); Jeff Lee; Jeremy Bobbio and Daniel Kahn Gillmor <dkg@fifthhorseman.net>; Jim Blandy (jimb@ai.mit.edu); Jim Meyering; Jim Meyering <jim@meyering.net>; Jim Meyering <jim@meyering.net> , and Bruno Haible <bruno@clisp.org> , and Eric Blake <ebb9@byu.net>; Jim Meyering <jim@meyering.net> and Bruno Haible <bruno@clisp.org>; Jim Meyering <jim@meyering.net> and Eric Blake <ebb9@byu.net>; Jim Meyering <meyering@ascend.com>; Jim Meyering and Bruno Haible; Jim Meyering and Eric Blake; Jim Meyering and Paul Eggert; Joao Luiz Barbosa Silva <jl@conectiva.com.br>; John Gilmore; John Gilmore and Jay Fenlason; John L. Males <jlmales@yahoo.com>; Kevin Day <thekevinday@gmail.com>; Leland Lucius <llucius@tiny.net>; Mads Martin Joergensen <mmj@suse.de>; Marcin Gryszkalis <mg@fork.pl>; Marco Gerards <metgerards@student.han.nl>; Martin Lohmeier <martin@mein-horde.de>; Martin Simmons <ZYHYLCRMZPRP@spammotel.com>; Michael D. Adams <mdmkolbe@gmail.com>; Mike Frysinger <vapier@gentoo.org>; Miles Bader <miles@gnu.ai.mit.edu>; Paul Eggert; Paul Eggert <eggert@cs.ucla.edu>; Paul Eggert <eggert@twinsun.com>; Paul Eggert <eggert@twinsun.com> and Sergey Poznyakoff <gray@gnu.org>; Paul Eggert and Andreas Gruenbacher; Paul Eggert and Bruno Haible; Paul Eggert and David MacKenzie; Paul Eggert and Eric Blake; Paul Eggert and Jim Meyering; Paul Eggert and Larry McVoy; Paul Eggert and Martin Lambers; Paul Eggert, Andreas Grunbacher, and Bruno Haible; Paul Eggert, Bruno Haible, Derek Price; Paul Eggert, Bruno Haible, Sam Steingold, Peter Burwood; Paul Eggert, Bruno Haible, and Jim Meyering; Paul Eggert, Jim Meyering, and David Bartley; Pavel Raiskup <pavel@raiskup.cz>; Per Bothner; Peter Rosin <peda@lysator.liu.se>; Rich $alz <rsalz@bbn.com> and Jim Berets <jberets@bbn.com>; Richard Stallman; Roland McGrath (roland@ai.mit.edu); Salvo Tomaselli <tiposchi@tiscali.it>; Sergey Myasnikov <tigra@sw.ru>; Sergey Poznyakoff; Simon Josefsson; Simon Josefsson <simon@josefsson.org>; Simon Josefsson and Paul Eggert; Simon Josefsson and Yoann Vandoorselaere <yoann@prelude-ids.org>; Simon Josefsson, Bruno Haible; Steven M. 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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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Version 2, June 1991

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Rozycki, macro@ds2.pg.gda.pl; Marcel Mol (marcel@dutecad.et.tudelft.nl); Martin Schulze <joey@finlandia.infodrom.north.de>; Martin.Pitt@ubuntu.com; Masatake YAMATO <yamato@redhat.com>; Masatake YAMATO <yamato@redhat.com> Karel Zak <kzak@redhat.com>; Michael Glad (glad@daimi.aau.dk); Michael Meskes <meskes@Informatik.RWTH-Aachen.DE>; Mika Liljeberg (liljeber@cs.Helsinki.FI); Mike Grupenhoff (kashmir@umiacs.umd.edu); Mike Grupenhoff <kashmir@umiacs.UMD.EDU>; Mike Jagdis jaggy@purplet.demon.co.uk; Milan Broz <mbroz@redhat.com> Karel Zak <kzak@redhat.com>; Miquel van Smoorenburg; NeXTStep on NeXT; Nicolai Langfeldt (janl@math.uio.no); Nicolai Langfeldt <janl@math.uio.no>; Ondrej Oprala and Karel Zak; Padraig Brady; Paul Eggert <eggert@cs.ucla.edu>; Paul Eggert <eggert@twinsun.com>; Per Bothner; Peter Breitenlohner, peb@mppmu.mpg.de; Peter Jones <pjones@redhat.com> Jeremy Katz <katzj@redhat.com>; Peter Orbaek <poe@daimi.aau.dk>; Peter Rosin <peda@lysator.liu.se>; Randolph Bentson, <bentson@grieg.seaslug.org>; Rich $alz <rsalz@bbn.com> and Jim Berets <jberets@bbn.com>; Richard Stallman; Rik Faith; Rik Faith and myself. .; Robert M. Love; Roger Southwick; Ron Sommeling <sommel@sci.kun.nl>; Salvatore Valente <svalente@mit.edu>; Sami Kerola <kerolasa@iki.fi>; Scott James Remnant; Scott Telford <st@epcc.ed.ac.uk>; Shaun Tancheff <shaun.tancheff@seagate.com>; Steinar H. Gunderson <sesse@debian.org>; Steve Reid <steve@edmweb.com>; Steven M. Bellovin <smb@research.att.com>; SunOS or Solaris; Ted Ts; Ted Ts'o; Theodore Ts'o (tytso@mit.edu); Theodore Ts'o <tytso@mit.edu>; Theodore Ts'o, <tytso@mit.edu>; Thorsten Kukuk <kukuk@suse.de>; Tom Tromey <tromey@cygnus.com>; Topi Miettinen <Topi.Miettinen@nic.fi>; Torsten Landschoff <torsten@debian.org>; Ulrich Drepper <drepper@cygnus.com>; Ulrich Drepper <drepper@cygnus.com> , Bruno Haible <haible@clisp.cons.org>; Ulrich Drepper <drepper@cygnus.com> , Bruno Haible <haible@clisp.cons.org> , Macro; University of California; Victor A. Abell <abe@purdue.edu>; Werner Almesberger, Remy Card, . Stephen Tweedie and Eric Youngdale; Werner Almesberger, Remy Card, . 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Version 2, June 1991

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

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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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Jean-loup Gailly Mark Adler
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