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#----------------------------------------------------------------------------------------------
----------------------------------------------
# Package name    : curl
# Package version : 7.82.0
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# Package name    : dbus
# Package version : 1.14.8
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#----------
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# Package name    : dnsmasq
# Package version : 2.87
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# Package name    : fontconfig
# Package version : 2.13.1
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# Package name    : freetype
# Package version : 2.11.1
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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 offe ring equivalent access to copy the source code from the same place satisfies the requirement to dist ribute the source code, even though third parties are not compelled to copy the source along with th e object code.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and sma ll 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 wo rk under the terms of Section 6. Any executables containing that work also fall under Section 6, whe ther or not they are linked directly with the Library itself.

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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.

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 wo
rk under the terms of Section 6. Any executables containing that work also fall under Section 6, whe
ther 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
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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, appli es to certain designated libraries. This license is quite different from the ordinary one; be sure t o read it in full, and don't assume that anything in it is the same as in the ordinary license.

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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 conclud ed 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 int

ended 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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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.

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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.

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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(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 ba

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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 derivat ive or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that i s 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 accompan y it with the complete corresponding machine-readable source code, which must be distributed under t he 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 o ffering equivalent access to copy the source code from the same place satisfies the requirement to d istribute 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 w ith 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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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 Libr ary" 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 custome r's own use and reverse engineering for debugging such modifications.

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.  The first function is a little bit optimized (as found in Colin Plumbs public domain implementati
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Version 2.1, February 1999

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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.

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.

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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, rath er 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-comp atible 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 th e materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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  If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work.  (Executables containing this object code plus portions of the Library will still fall under Section 6.)

  Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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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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.  The first function is a little bit optimized (as found in Colin Plumbs public domain implementati
on).
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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.

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.

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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) 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.

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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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ociated 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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the library `Frob' (a library for tweaking knobs) written

by James Random Hacker.

signature of Ty Coon, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

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# Package name    : jansson
# Package version : 2.13.1
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# Package name    : json-c
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#--------------------------------------------------------------------------------------------------------------
---------------------------------------------
# Package name    : libconfig
# Package version : 1.7.3
#--------------------------------------------------------------------------------------------------------------
---------------------------------------------

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# Package name    : libev
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GCC RUNTIME LIBRARY EXCEPTION
Version 3.1, 31 March 2009

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```

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

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>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
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```

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GCC RUNTIME LIBRARY EXCEPTION
Version 3.1, 31 March 2009

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#----------------------------------------------------------------------------------------------------
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# Package name    : libgcrypt
# Package version : 1.9.4
#----------------------------------------------------------------------------------------------------
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library, complete source code means all the source code for all modules it contains, plus any associ
ated interface definition files, plus the scripts used to control compilation and installation of th
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Activities other than copying, distribution and modification are not covered by this License; they a
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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 purpo
se remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-de
fined independent of the application. Therefore, Subsection 2d requires that any application-supplie

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If distribution of object code is made by offering access to copy from a designated place, then offe
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5. A program that contains no derivative of any portion of the Library, but is designed to work with
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However, linking a "work that uses the Library" with the Library creates an executable that is a der
ivative of the Library (because it contains portions of the Library), rather than a "work that uses
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bution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, th
e object code for the work may be a derivative work of the Library even though the source code is no
t. 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 sma
ll 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 wo
rk under the terms of Section 6. Any executables containing that work also fall under Section 6, whe
ther 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
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You must give prominent notice with each copy of the work that the Library is used in it and that th
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For an executable, the required form of the "work that uses the Library" must include any data and u
tility programs needed for reproducing the executable from it. However, as a special exception, the
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The reason we have a separate public license for some libraries is that they blur the distinction we
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ed executable is a combined work, a derivative of the original library, and the ordinary General Pub
lic License treats it as such.

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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.

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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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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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-s

upplied 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.

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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 mu

st do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Lib rary including whatever changes were used in the work (which must be distributed under Sections 1 an d 2 above); and, if the work is an executable linked with the Library, with the complete machine-rea dable "work that uses the Library", as object code and/or source code, so that the user can modify t he 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 neces sarily 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 u ser the materials specified in Subsection 6a, above, for a charge no more than the cost of performin g this distribution.

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# Package name    : pcre2
# Package version : 10.40
#----------------------------------------------------------------------------------------------
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# Package version : 8.45
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# Package version : 1.6.39
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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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#----------
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# Package name    : libubootenv
# Package version : 0.3.2
#----------
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Upstream Resources:
https://github.com/sbabic/libubootenv/archive/v0.3.1.tar.gz

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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.

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sarily be able to recompile the application to use the modified definitions.)

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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.)

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d) If distribution of the work is made by offering access to copy from a designated place, offer equ ivalent access to copy the above specified materials from the same place.
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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 Le ss of an advantage over competing non-free programs. These disadvantages are the reason we use the o rdinary General Public License for many libraries. However, the Lesser license provides advantages i n 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 b e allowed to use the library. A more frequent case is that a free library does the same job as widel y used non-free libraries. In this case, there is little to gain by limiting the free library to fre e 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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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 en
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In addition, mere aggregation of another work not based on the Library with the Library (or with a w
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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 n
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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in ob
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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 offe
ring equivalent access to copy the source code from the same place satisfies the requirement to dist
ribute the source code, even though third parties are not compelled to copy the source along with th
e 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 w
ork, 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 der
ivative 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 distri
bution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, th
e object code for the work may be a derivative work of the Library even though the source code is no
t. 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 sma
ll 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 wo
rk under the terms of Section 6. Any executables containing that work also fall under Section 6, whe
ther 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
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[This is the first released version of the library GPL. It is numbered 2 because it goes with versio n 2 of the ordinary GPL.]

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.

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Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you thi s 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, appli es to certain designated libraries. This license is quite different from the ordinary one; be sure t o 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 link ed executable is a combined work, a derivative of the original library, and the ordinary General Pub lic 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 conclud ed 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 int ended 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 cha nges 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 attent ion 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 t han by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be convenientl y linked with application programs (which use some of those functions and data) to form executables.

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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 ass ociated interface definition files, plus the scripts used to control compilation and installation of the library.

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a) The modified work must itself be a software library.

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d) If a facility in the modified Library refers to a function or a table of data to be supplie d by an application program that uses the facility, other than as an argument passed when the facili ty is invoked, then you must make a good faith effort to ensure that, in the event an application do es 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 w ell-defined independent of the application. Therefore, Subsection 2d requires that any application-s upplied 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 a re 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 the m as separate works. But when you distribute the same sections as part of a whole which is a work ba sed on the Library, the distribution of the whole must be on the terms of this License, whose permis sions 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 derivat

ive 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 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.

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# Package name    : libxcrypt
# Package version : 4.4.33
#----------------------------------------------

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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"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 associ ated interface definition files, plus the scripts used to control compilation and installation of th e library.

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When a "work that uses the Library" uses material from a header file that is part of the Library, th
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If such an object file uses only numerical parameters, data structure layouts and accessors, and sma
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Version 2.1, February 1999

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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.

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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

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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.

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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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.

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 a

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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 derivat ive or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that i s 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 accompan y it with the complete corresponding machine-readable source code, which must be distributed under t he 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 o ffering equivalent access to copy the source code from the same place satisfies the requirement to d istribute 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 w ith 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 us es the library". The executable is therefore covered by this License. Section 6 states terms for dis tribution 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 la w.

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 fi le is unrestricted, regardless of whether it is legally a derivative work. (Executables containing t his 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 Libr ary" 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 custome r'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 Lib rary among them, as well as a reference directing the user to the copy of this License. Also, you mu st do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Lib rary including whatever changes were used in the work (which must be distributed under Sections 1 an

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

For an executable, the required form of the "work that uses the Library" must include any data an d utility programs needed for reproducing the executable from it. However, as a special exception, t he 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 w hich the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary lib raries that do not normally accompany the operating system. Such a contradiction means you cannot us e both them and the Library together in an executable that you distribute.

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Version 2, June 1991

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# Package version : 1.40.18
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Version 2.1, February 1999

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---------------------------------------------
# Package name    : oopslog
# Package version : 1.1.3
#----------
---------------------------------------------
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#------------------------------------------------------------------------------------------------------------
-----------------------------------------------
# Package name    : openssl
# Package version : 3.0.10
#------------------------------------------------------------------------------------------------------------
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unRAR - free utility for RAR archives

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-----------------------------------------------
# Package name    : packagegroup-base
# Package version : 1.0
#-------------------------------------------------------------------------------------------------------------
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# Package name    : packagegroup-core-boot
# Package version : 1.0
#-------------------------------------------------------------------------------------------------------------
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# Package name    : poco
# Package version : 1.12.4
#-----------------------------------------------------------------------------------------------------------
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    Written by: Philip Hazel <ph10@cam.ac.uk>

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    https://tessil.github.io/ordered-map/

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Dear ImGui, version v1.66b

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The sources can be found in qt3d/src/3rdparty/imgui.
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Used in Qt Core if ICU is not used. Configure with -icu to avoid.
The sources can be found in qt5compat/src/core5/codecs/qeucjpcodec.cpp.
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Text Codec: GBK

The GBK codec provides conversion to and from the Chinese GB18030/GBK/GB2312 encoding.
Used in Qt Core if ICU is not used. Configure with -icu to avoid.
The sources can be found in qt5compat/src/core5/codecs/qgb18030codec.cpp.
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Text Codec: ISO 2022-JP (JIS)

The ISO 2022-JP (JIS) text codec provides conversion to and from ISO 2022-JP.
Used in Qt Core if ICU is not used. Configure with -icu to avoid.
The sources can be found in qt5compat/src/core5/codecs/qjiscodec.cpp.
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Text Codec: Shift-JIS

The Shift-JIS text codec provides conversion to and from Shift-JIS.
Used in Qt Core if ICU is not used. Configure with -icu to avoid.
The sources can be found in qt5compat/src/core5/codecs/qsjiscodec.cpp.
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Text Codec: TSCII

The TSCII text codec provides conversion to and from the Tamil TSCII encoding.
Used in Qt Core.
The sources can be found in qt5compat/src/core5/codecs/qtsciicodec.cpp.
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Text Codecs: Big5, Big5-HKSCS

The Big5 codecs (QBig5Codec, QBig5hkscsCodec) provide conversion to and from the Big5 encodings.
Used in Qt Core if ICU is not used. Configure with -icu to avoid.
The sources can be found in qt5compat/src/core5/codecs/qbig5codec.cpp.
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BlueZ

SDP Search via BlueZ
On Linux, Qt Bluetooth uses a separate executable, sdpscanner, to integrate with the official Linux Bluetooth protocol stack (BlueZ). The usage is limited to service discovery via SDP. The Qt Bluetooth library itself does NOT link against BlueZ. Communication between sdpscanner and QtBluetooth happens via stdin/stdout. Therefore QtBluetooth and user code linking to it is not considered a derivative work, and does not have to be released under GPL too.
The sources can be found in qtconnectivity/src/tools/sdpscanner.
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BLAKE2 (reference implementation), version 54f4faa4c16ea34bcd59d16e8da46a64b259fc07

BLAKE2 is a cryptographic hash function faster than MD5, SHA-1, SHA-2, and SHA-3, yet is at least as secure as the latest standard SHA-3.
Used in Qt Core (QCryptographicHash).
The sources can be found in qtbase/src/3rdparty/blake2/src/blake2b-ref.c, qtbase/src/3rdparty/blake2/src/blake2s-ref.c, qtbase/src/3rdparty/blake2/src/blake2.h, and qtbase/src/3rdparty/blake2/src/blake2-impl.h.
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54f4faa4c16ea34bcd59d16e8da46a64b259fc07: https://github.com/BLAKE2/BLAKE2/tree/54f4faa4c16ea34bcd59d16e8da46a64b259fc07
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Component URL: https://doc.qt.io/qt-6/qtcore-attribution-zlib.html

Data Compression Library (zlib), version 1.2.13

zlib is a general purpose data compression library.
Optionally used in Qt Core and development tools. Configure with -system-zlib to avoid.
The sources can be found in qtbase/src/3rdparty/zlib.
Project Homepage, upstream version: 1.2.13
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  jloup@gzip.org          madler@alumni.caltech.edu

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Easing Equations by Robert Penner

Used in Qt Core (QEasingCurve).
The sources can be found in qtbase/src/3rdparty/easing/easing.cpp.
Project Homepage
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Project Homepage: http://robertpenner.com/easing/
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Efficient Binary-Decimal and Decimal-Binary Conversion Routines for IEEE Doubles, version 3.2.1

Used in Qt Core. Configure with -system-doubleconversion or -no-doubleconversion to avoid.
The sources can be found in qtbase/src/3rdparty/double-conversion.
Project Homepage, upstream version: 3.2.1
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KWin, version 5.13.4

Additional CMake modules for graphics system dependencies.
Used as part of the build system.
The sources can be found in qtbase/cmake/3rdparty/kwin.
Project Homepage, upstream version: 5.13.4
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MD4

An OpenSSL-compatible implementation of the RSA Data Security, Inc. MD4 Message-Digest Algorithm.
Used in Qt Core (QCryptographicHash).
The sources can be found in qtbase/src/3rdparty/md4.
Written by Alexander Peslyak - better known as Solar Designer <solar@openwall.com> - in 2001, and pl
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MD5

MD5 message-digest algorithm.
Used in Qt Core (QCryptographicHash).

The sources can be found in qtbase/src/3rdparty/md5.
Written by Colin Plumb in 1993, no copyright is claimed.
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PCRE2 - Stack-less Just-In-Time Compiler, version 10.42

The PCRE library is a set of functions that implement regular expression pattern matching using the
same syntax and semantics as Perl 5.
Optionally used in Qt Core (QRegularExpression). Configure with -system-pcre or -no-pcre to avoid.
The sources can be found in qtbase/src/3rdparty/pcre2/src/sljit.
Project Homepage, upstream version: 10.42
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URL List:
QRegularExpression: qregularexpression.html
Project Homepage: http://www.pcre.org/
10.42: https://github.com/PCRE2Project/pcre2/releases/download/pcre2-10.42/pcre2-10.42.tar.bz2
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PCRE2, version 10.42

The PCRE library is a set of functions that implement regular expression pattern matching using the same syntax and semantics as Perl 5.
Optionally used in Qt Core (QRegularExpression). Configure with -system-pcre or -no-pcre to avoid.
The sources can be found in qtbase/src/3rdparty/pcre2.
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The basic library functions are written in C and are freestanding. Also
included in the distribution is a just-in-time compiler that can be used to
optimize pattern matching. This is an optional feature that can be omitted when
the library is built.

THE BASIC LIBRARY FUNCTIONS
---

Written by: Philip Hazel
Email local part: Philip.Hazel
Email domain: gmail.com

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PCRE2 JUST-IN-TIME COMPILATION SUPPORT
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QRegularExpression: qregularexpression.html
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QEventDispatcher on macOS


Implementation of QAbstractEventDispatcher for macOS.
Used in Qt Core on macOS.
The sources can be found in qtbase/src/corelib/kernel/qeventdispatcher_cf_p.h.
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Component URL: https://doc.qt.io/qt-6/qtcore-attribution-sha1.html

Secure Hash Algorithm SHA-1

Implements the Secure Hash Algorithms SHA 1
Used in Qt Core (QCryptographicHash).
The sources can be found in qtbase/src/3rdparty/sha1.
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Secure Hash Algorithm SHA-3 - Keccak, version 3.2

SHA-3, originally known as Keccak, is a cryptographic hash function.
Used in Qt Core (QCryptographicHash).
The sources can be found in qtbase/src/3rdparty/sha3/KeccakF-1600-32-rvk.macros, qtbase/src/3rdparty/sha3/KeccakF-1600-32.macros, qtbase/src/3rdparty/sha3/KeccakF-1600-64.macros, qtbase/src/3rdparty/sha3/KeccakF-1600-interface.h, qtbase/src/3rdparty/sha3/KeccakF-1600-opt32.c, qtbase/src/3rdparty/sha3/KeccakF-1600-opt64.c, qtbase/src/3rdparty/sha3/KeccakF-1600-unrolling.macros, qtbase/src/3rdparty/sha3/KeccakNISTInterface.c, qtbase/src/3rdparty/sha3/KeccakNISTInterface.h, qtbase/src/3rdparty/sha3/KeccakSponge.c, and qtbase/src/3rdparty/sha3/KeccakSponge.h.
upstream version: 3.2
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Secure Hash Algorithm SHA-3 - brg_endian, version https://github.com/BrianGladman/sha/ commit 4b9e13ead2c5b5e41ca27c65de4dd69ae0bac228

SHA-3, originally known as Keccak, is a cryptographic hash function.
Used in Qt Core (QCryptographicHash).
The sources can be found in qtbase/src/3rdparty/sha3/brg_endian.h.
upstream version: https://github.com/BrianGladman/sha/ commit 4b9e13ead2c5b5e41ca27c65de4dd69ae0bac2

28
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Secure Hash Algorithms SHA-384 and SHA-512

Implements the Secure Hash Algorithms SHA 384 and SHA-521
Used in Qt Core (QCryptographicHash and QMessageAuthenticationCode)
The sources can be found in qtbase/src/3rdparty/rfc6234.
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SipHash Algorithm

Implements the SipHash algorithm.
Used in Qt Core (QHash)
The sources can be found in qtbase/src/corelib/tools.
Project Homepage
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TinyCBOR, version 0.6.0

Concise Binary Object Representation (CBOR) Library
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The sources can be found in qtbase/src/3rdparty/tinycbor.
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Unicode Character Database (UCD), version 30

The Unicode Character Database (UCD) is a set of files that define the Unicode character properties and internal mappings.
Qt Core uses data obtained from UCD files for working with characters and strings.
The sources can be found in qtbase/src/corelib/text/qunicodetables_p.h and qtbase/src/corelib/text/qunicodetables.cpp.
Project Homepage, upstream version: 30
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Unicode Common Locale Data Repository (CLDR), version v42

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extra-cmake-modules, version 5.84.0

Additional CMake modules.
Used as part of the build system.
The sources can be found in qtbase/cmake/3rdparty/extra-cmake-modules.
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forkfd

Used on most Unix platforms in Qt Core.
The sources can be found in qtbase/src/3rdparty/forkfd/forkfd.c, qtbase/src/3rdparty/forkfd/forkfd.h
, and qtbase/src/3rdparty/forkfd/forkfd_gcc.h.
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libdus-1 headers, version dbus-1.13.12

D-Bus is a message bus system, a simple way for applications to talk to one another.
Qt D-Bus uses constants and typedefs from libdbus-1 headers.
The sources can be found in qtbase/src/dbus/dbus_minimal_p.h.
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Cocoa Platform Plugin

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Code used in the Qt Platform Abstraction (QPA) for macOS.
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HarfBuzz-NG, version 7.3.0

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Optionally used in Qt GUI. Configure with -system-harfbuzz to force the use of the system library, o
r -qt-harfbuzz to link statically to the library that is bundled with your Qt version.
The sources can be found in qtbase/src/3rdparty/harfbuzz-ng.
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IAccessible2 IDL Specification, version 1.3.0

IAccessible2 is a new accessibility API which complements Microsoft's earlier work on MSAA
Optionally used in the Windows platform plugin. Configure with -no-accessibility to avoid.
The sources can be found in qtbase/src/3rdparty/iaccessible2.
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LibJPEG-turbo, version 2.1.5

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The sources can be found in qtbase/src/3rdparty/libjpeg.
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Native Style for Android

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OpenGL ES 2 Headers, version Revision 27673

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Used on Windows and Linux in the OpenGL related headers of Qt GUI.
The sources can be found in qtbase/src/gui/opengl/qopengles2ext.h.
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OpenGL Headers, version Revision 27684

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The sources can be found in qtbase/src/gui/opengl/qopenglext.h.
Project Homepage, upstream version: Revision 27684
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Pixman, version 0.17.12

pixman is a library that provides low-level pixel manipulation features such as image compositing an
d trapezoid rasterization.
Used in Qt GUI on ARM NEON.
The sources can be found in qtbase/src/3rdparty/pixman.
Project Homepage, upstream version: 0.17.12
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Smooth Scaling Algorithm

Normal smoothscale method, based on Imlib2's smoothscale.
Used in Qt Gui (QImage::transformed() functions).
The sources can be found in qtbase/src/gui/painting/qimagescale.cpp.
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Vulkan API Registry, version 1.3.223

Vulkan XML API Registry.
Used to dynamically generate the sources for the QVulkan(Device)Functions classes.
The sources can be found in qtbase/src/gui/vulkan/vk.xml.
Project Homepage, upstream version: 1.3.223
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Vulkan Memory Allocator, version 3.0.1

Vulkan Memory Allocator
Memory management for the Vulkan backend of QRhi.
The sources can be found in qtbase/src/3rdparty/VulkanMemoryAllocator.
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WebGradients

WebGradients is a free collection of 180 linear gradients.
Used in Qt GUI to provide presets for QGradient.
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Wintab API

Wintab is a de facto API for pointing devices on Windows.
Used in the Qt platform plugin for Windows. Configure with -no-feature-tabletevent to avoid.
The sources can be found in qtbase/src/3rdparty/wintab.
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X Server helper

Code from X11's region.h, Region.c, poly.h, and PolyReg.c
Used in Qt GUI (QRegion).
The sources can be found in qtbase/src/gui/painting/qregion.cpp.
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XCB-XInput

XInput 2 extension for XCB (The X protocol C-language Binding) library.
Used in XCB platform plugin if xcb-xinput was not present on the system during Qt configuration or -bundled-xcb-xinput switch was used. To force using xcb-xinput from the system, pass -no-bundled-xcb-xinput.
The sources can be found in qtbase/src/3rdparty/xcb.
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f

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Used to compress the embedded copy of publicsuffix list and to lookup entries in it.
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Open62541, version 1.3.4

Open62541 is an open source implementation of the OPC UA protocol.
Used in the Qt OPC UA module to build the backend. Pass -no-open62541 or -system-open62541 to avoid.
The sources can be found in qtopcua/src/3rdparty/open62541.
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Clip2Tri Polygon Triangulation Library

Clip2Tri can be used together with Clipper for robust triangulation.
Used in the QML plugin of Qt Location and in Qt Positioning.
The sources can be found in qtpositioning/src/3rdparty/clip2tri.
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Clipper Polygon Clipping Library, version 6.4.2

The Clipper library performs line & polygon clipping - intersection, union, difference & exclusive-or, and line & polygon offsetting.
Used in the QML plugin of Qt Location and in Qt Positioning.
The sources can be found in qtpositioning/src/3rdparty/clipper.
Project Homepage, upstream version: 6.4.2
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The code in this library is an extension of Bala Vatti's clipping algorithm:
"A generic solution to polygon clipping"
Communications of the ACM, Vol 35, Issue 7 (July 1992) pp 56-63.
http://portal.acm.org/citation.cfm?id=129906

Computer graphics and geometric modeling: implementation and algorithms
By Max K. Agoston
Springer; 1 edition (January 4, 2005)
http://books.google.com/books?q=vatti+clipping+agoston

See also:
"Polygon Offsetting by Computing Winding Numbers"
Paper no. DETC2005-85513 pp. 565-575
ASME 2005 International Design Engineering Technical Conferences
and Computers and Information in Engineering Conference (IDETC/CIE2005)
September 24-28, 2005 , Long Beach, California, USA
http://www.me.berkeley.edu/~mcmains/pubs/DAC05OffsetPolygon.pdf

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Poly2Tri Polygon Triangulation Library

Poly2Tri is a sweepline constrained Delaunay Polygon Triangulation Library.
Used in the QML plugin of Qt Location and in Qt Positioning.
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Godot Engine: Fog

Simple fog support.
Used in the Qt Quick 3D module.
The sources can be found in qtquick3d/src/runtimerender.
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Intel Embree, version 3.13.3

Intel Embree is a collection of high performance ray tracing kernels that helps graphics application engineers to improve the performance of their photorealistic rendering application.
Used for baking lightmaps in Qt Quick 3D
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Open Asset Import Library, version 5.2.5

assimp (Open Asset Import Library) is a portable open source library to import various well-known 3D
model formats in a uniform manner.
Used for importing assets for use with Qt Quick 3D
The sources can be found in qtquick3d/src/3rdparty/assimp.
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5.2.5: https://github.com/assimp/assimp/releases/tag/v5.2.5

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ProceduralSky

Generates a procedural skymap.
Used in the Qt Quick 3D module.
The sources can be found in qtquick3d/src/helpers/proceduralskytexturedata.cpp.
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Tiny OpenEXR, version v1.0.5

tinyexr is a small, single header-only library to load and save OpenEXR (.exr) images.
Used to open OpenEXR image files in Qt Quick 3D
The sources can be found in qtquick3d/src/3rdparty/tinyexr.
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meshoptimizer, version v0.18

Provides algorithms to help optimize meshes for GPU render stages, reduce the mesh complexity and st
orage overhead.
Used to generate Level of Detail meshes for Models in Qt Quick 3D
The sources can be found in qtquick3d/src/3rdparty/meshoptimizer.
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Component URL: https://doc.qt.io/qt-6/qtquick3d-attribution-xatlas.html

xatlas, version 16ace528acd2cf1f16a7c0dde99c42c486488dbe

xatlas is a small C++11 library with no external dependencies that generates unique texture coordinates suitable for baking lightmaps or texture painting.
Used for lightmap UV set generation in Qt Quick 3D
The sources can be found in qtquick3d/src/3rdparty/xatlas.
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NVIDIA PhysX SDK, version PhysX_4.1.2.29882248

The NVIDIA PhysX SDK is a scalable multi-platform physics solution supporting a wide range of device
s
Used as a physical simulation backend in Qt Quick 3D Physics
The sources can be found in qtquick3dphysics/src/3rdparty/PhysX.
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# NVIDIA PhysX SDK 4.1

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PhysX_4.1.2.29882248: https://github.com/NVIDIAGameWorks/PhysX/commit/93c6dd21b545605185f2febc8eeace
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Shadow values from Angular Material

Shadow values for the elevation effect.
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The sources can be found in qtdeclarative/src/quickcontrols/material/impl/ElevationEffect.qml.
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SQLite, version 3.42.0

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abase engine.
Used in Qt SQL Lite plugin. Configure Qt with -system-sqlite or -no-sqlite to avoid.
The sources can be found in qtbase/src/3rdparty/sqlite.
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Component URL: https://doc.qt.io/qt-6/qtsvg-attribution-xsvg.html

XSVG

Some code for arc handling is derived from code from the XSVG project.
Used in the Qt SVG library.
The sources can be found in qtsvg/src/svg/qsvghandler.cpp.

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Eigen, version 3.4.0

The Eigen C++ linear algebra library.
Used for mathematics to support spatial audio.
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Catch2, version 2.13.10

Catch2 is a multi-paradigm test framework for C++.
Used for testing of the Qt Test module.
The sources can be found in qtbase/tests/auto/testlib/selftests/catch_p_p.h.
Project Homepage, upstream version: 2.13.10
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Cycle

Allows to access the CPU's cycle counters.
Used in the Qt Test module.
The sources can be found in qtbase/src/testlib/3rdparty/cycle_p.h.
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Linux Performance Events, version 3.7

Allows access to the Linux kernel's performance events.
Used on Linux and Android in the Qt Test module. Note that this is a copy of the respective Linux he
ader, and the clarifications of the Linux Syscall Note apply.
The sources can be found in qtbase/src/testlib/3rdparty/linux_perf_event_p.h.
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Linus Torvalds

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Valgrind, version 3.20.0

An instrumentation framework for building dynamic analysis tools.
Used on Linux ond MacOS in the Qt Test module.
The sources can be found in qtbase/src/testlib/3rdparty/valgrind_p.h and qtbase/src/testlib/3rdparty
/callgrind_p.h.
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Traditional Chinese IME (tcime)

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Presentation Time Protocol, version 1

The presentaton time protocol is a way to get presentation timing feedback.
Used in the Qt Wayland Compositor
The sources can be found in qtwayland/src/3rdparty/protocol/presentation-time.xml.
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Wayland EGLStream Controller Protocol, version 1.1.1

Allows clients to request that the compositor creates its EGLStream.
Used in the Qt Wayland Compositor
The sources can be found in qtwayland/src/3rdparty/protocol/wl-eglstream-controller.xml.
Project Homepage, upstream version: 1.1.1
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Wayland Fractional Scale Protocol, version 1

Send a preferred scale to different clients
Used in the Qt Wayland platform plugin
The sources can be found in qtwayland/src/3rdparty/protocol/fractional-scale-v1.xml.
Project Homepage, upstream version: 1
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Wayland Fullscreen Shell Protocol, version unstable v1

A Wayland shell for displaying a single surface per output
Used in the Qt Wayland platform plugin.
The sources can be found in qtwayland/src/3rdparty/protocol/fullscreen-shell-unstable-v1.xml.
Project Homepage, upstream version: unstable v1
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Wayland IVI Extension Protocol, version 1.9.1

"Wayland IVI Extension" is forked from IVI Layer Management to define a common set of APIs by waylan
d style protocol and provide reference implementation which can be loaded on Weston.
Used in the Qt Wayland Compositor, and the Qt Wayland platform plugin.
The sources can be found in qtwayland/src/3rdparty/protocol/ivi-controller.xml and qtwayland/src/3rd
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URL List:
Project Homepage: https://at.projects.genivi.org/wiki/display/WIE/Wayland+IVI+Extension+Home
1.9.1: https://github.com/GENIVI/wayland-ivi-extension/releases/tag/1.9.1
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Component URL: https://doc.qt.io/qt-6/qtwaylandcompositor-attribution-wayland-linux-dmabuf-unstable-
v1.html

Wayland Linux Dmabuf Unstable V1 Protocol, version unstable v1, version 3

The linux dmabuf protocol is a way to create dmabuf-based wl_buffers
Used in the Qt Wayland Compositor
The sources can be found in qtwayland/src/3rdparty/protocol/linux-dmabuf-unstable-v1.xml.
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unstable v1, version 3: https://gitlab.freedesktop.org/wayland/wayland-protocols/raw/1.18/unstable/linux-dmabuf/linux-dmabuf-unstable-v1.xml
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Component URL: https://doc.qt.io/qt-6/qtwaylandcompositor-attribution-wayland-pointer-gestures-protocol.html

Wayland Pointer Gestures Protocol, version unstable v1, version 2

Used in the Qt Wayland platform plugin
The sources can be found in qtwayland/src/3rdparty/protocol/pointer-gestures-unstable-v1.xml.
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Project Homepage: https://wayland.freedesktop.org
unstable v1, version 2: https://cgit.freedesktop.org/wayland/wayland-protocols/plain/unstable/pointer-gestures/pointer-gestures-unstable-v1.xml
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Component URL: https://doc.qt.io/qt-6/qtwaylandcompositor-attribution-wayland-primary-selection-protocol.html

Wayland Primary Selection Protocol, version 1

The primary selection extension allows copying text by selecting it and pasting it with the middle mouse button.
Used in the Qt Wayland platform plugin
The sources can be found in qtwayland/src/3rdparty/protocol/wp-primary-selection-unstable-v1.xml.
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1: https://gitlab.freedesktop.org/wayland/wayland-protocols/raw/1.18/unstable/primary-selection/primary-selection-unstable-v1.xml
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Component URL: https://doc.qt.io/qt-6/qtwaylandcompositor-attribution-wayland-protocol.html

Wayland Protocol, version 1.19.0

Wayland is a protocol for a compositor to talk to its clients.
Used in the Qt Wayland Compositor, and the Qt Wayland platform plugin.
The sources can be found in qtwayland/src/3rdparty/protocol/wayland.xml.
Project Homepage, upstream version: 1.19.0
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Component URL: https://doc.qt.io/qt-6/qtwaylandcompositor-attribution-wayland-scaler-protocol.html

Wayland Scaler Protocol, version 2

The Wayland scaler extension allows a client to scale or crop a surface without modifying the buffer
Used in the Qt Wayland Compositor API
The sources can be found in qtwayland/src/3rdparty/protocol/scaler.xml.
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Component URL: https://doc.qt.io/qt-6/qtwaylandcompositor-attribution-wayland-tablet-protocol.html

Wayland Tablet Protocol, version unstable v2, version 1

Used in the Qt Wayland platform plugin
The sources can be found in qtwayland/src/3rdparty/protocol/tablet-unstable-v2.xml.
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Component URL: https://doc.qt.io/qt-6/qtwaylandcompositor-attribution-wayland-text-input-unstable-v1.html

Wayland Text Input Protocol v1, version unstable v1

Adds support for text input and input methods to applications running on Wayland servers that only support text-input-unstable-v1.
Used in the Qt Wayland platform plugin
The sources can be found in qtwayland/src/3rdparty/protocol/text-input-unstable-v1.xml.
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Project Homepage: https://wayland.freedesktop.org
unstable v1: https://gitlab.freedesktop.org/wayland/wayland-protocols/-/blob/main/unstable/text-inpu
t/text-input-unstable-v1.xml
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Component URL: https://doc.qt.io/qt-6/qtwaylandcompositor-attribution-wayland-text-input-unstable-v2
.html

Wayland Text Input Protocol v2, version unstable v2

Adds support for text input and input methods to applications.
Used in the Qt Wayland Compositor, and the Qt Wayland platform plugin.
The sources can be found in qtwayland/src/3rdparty/protocol/text-input-unstable-v2.xml.
Project Homepage, upstream version: unstable v2
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Component URL: https://doc.qt.io/qt-6/qtwaylandcompositor-attribution-wayland-text-input-unstable-v4-wip.html

Wayland Text Input Protocol, version unstable v4, WIP

Adds support for compositors to act as input methods and send text to applications.
Used in the Qt Wayland Compositor, and the Qt Wayland platform plugin.
The sources can be found in qtwayland/src/3rdparty/protocol/text-input-unstable-v4-wip.xml.
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Component URL: https://doc.qt.io/qt-6/qtwaylandcompositor-attribution-wayland-viewporter-protocol.html

Wayland Viewporter Protocol, version 1

The Wayland viewporter extension allows a client to scale or crop a surface without modifying the bu
ffer
Used in the Qt Wayland Compositor API
The sources can be found in qtwayland/src/3rdparty/protocol/viewporter.xml.
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Component URL: https://doc.qt.io/qt-6/qtwaylandcompositor-attribution-xdg-foreign-unstable-v2.html

Wayland XDG Foreign Protocol, version 1

Allows referencing surfaces of different clients
Used in the Qt Wayland platform plugin
The sources can be found in qtwayland/src/3rdparty/protocol/xdg-foreign-unstable-v2.xml.
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1: https://gitlab.freedesktop.org/wayland/wayland-protocols/-/raw/1.25/unstable/xdg-foreign/xdg-fore
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ml

Wayland XDG Output Protocol, version unstable v1, version 3

The XDG Output protocol is an extended way to describe output regions under Wayland
Used in the Qt Wayland Compositor API, and the Qt Wayland platform plugin.
The sources can be found in qtwayland/src/3rdparty/protocol/xdg-output-unstable-v1.xml.
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dg-output/xdg-output-unstable-v1.xml
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Wayland XDG Shell Protocol, version 1.18

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Wayland xdg-activation Protocol, version unstable v1, version 1

The xdg-activation protocol provides a way for one client to pass focus to another.
Used in the Qt Wayland platform plugin
The sources can be found in qtwayland/src/3rdparty/protocol/xdg-activation-v1.xml.
Project Homepage, upstream version: unstable v1, version 1
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Wayland xdg-decoration Protocol, version unstable v1, version 1

The xdg-decoration protocol allows a compositor to announce support for server-side decorations.
Used in the Qt Wayland Compositor API, and the Qt Wayland platform plugin.
The sources can be found in qtwayland/src/3rdparty/protocol/xdg-decoration-unstable-v1.xml.
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Protocol Buffers

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Recurrent neural network for audio noise reduction

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Snappy: A fast compressor/decompressor

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The Incremental Distributed Point Functions library

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Volk Meta loader for Vulkan API

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dav1d is an AV1 decoder :)

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dynamic annotations

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ffmpeg

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these parts are used by default, you have to explicitly pass `--enable-gpl` to
configure to activate them. In this case, FFmpeg's license changes to GPL v2+.

Specifically, the GPL parts of FFmpeg are:

- libpostproc
- optional x86 optimization in the files
    - `libavcodec/x86/flac_dsp_gpl.asm`
    - `libavcodec/x86/idct_mmx.c`
    - `libavfilter/x86/vf_removegrain.asm`
- the following building and testing tools
    - `compat/solaris/make_sunver.pl`
    - `doc/t2h.pm`
    - `doc/texi2pod.pl`

    - `libswresample/tests/swresample.c`
    - `tests/checkasm/*`
    - `tests/tiny_ssim.c`
- the following filters in libavfilter:
    - `signature_lookup.c`
    - `vf_blackframe.c`
    - `vf_boxblur.c`
    - `vf_colormatrix.c`
    - `vf_cover_rect.c`
    - `vf_cropdetect.c`
    - `vf_delogo.c`
    - `vf_eq.c`
    - `vf_find_rect.c`
    - `vf_fspp.c`
    - `vf_histeq.c`
    - `vf_hqdn3d.c`
    - `vf_kerndeint.c`
    - `vf_lensfun.c` (GPL version 3 or later)
    - `vf_mcdeint.c`
    - `vf_mpdecimate.c`
    - `vf_nnedi.c`
    - `vf_owdenoise.c`
    - `vf_perspective.c`
    - `vf_phase.c`
    - `vf_pp.c`
    - `vf_pp7.c`
    - `vf_pullup.c`
    - `vf_repeatfields.c`
    - `vf_sab.c`
    - `vf_signature.c`
    - `vf_smartblur.c`
    - `vf_spp.c`
    - `vf_stereo3d.c`
    - `vf_super2xsai.c`
    - `vf_tinterlace.c`
    - `vf_uspp.c`
    - `vf_vaguedenoiser.c`
    - `vsrc_mptestsrc.c`

Should you, for whatever reason, prefer to use version 3 of the (L)GPL, then
the configure parameter `--enable-version3` will activate this licensing option
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`COPYING.GPLv3` to learn the exact legal terms that apply in this case.

There are a handful of files under other licensing terms, namely:

* The files `libavcodec/jfdctfst.c`, `libavcodec/jfdctint_template.c` and
  `libavcodec/jrevdct.c` are taken from libjpeg, see the top of the files for
  licensing details. Specifically note that you must credit the IJG in the
  documentation accompanying your program if you only distribute executables.
  You must also indicate any changes including additions and deletions to
  those three files in the documentation.
* `tests/reference.pnm` is under the expat license.


## External libraries

FFmpeg can be combined with a number of external libraries, which sometimes
affect the licensing of binaries resulting from the combination.

### Compatible libraries

The following libraries are under GPL version 2:
- avisynth
- frei0r
- libcdio
- libdavs2
- librubberband
- libvidstab
- libx264
- libx265
- libxavs
- libxavs2
- libxvid

When combining them with FFmpeg, FFmpeg needs to be licensed as GPL as well by

passing `--enable-gpl` to configure.

The following libraries are under LGPL version 3:
- gmp
- libaribb24
- liblensfun

When combining them with FFmpeg, use the configure option `--enable-version3` to
upgrade FFmpeg to the LGPL v3.

The VMAF, mbedTLS, RK MPI, OpenCORE and VisualOn libraries are under the Apache License
2.0. That license is incompatible with the LGPL v2.1 and the GPL v2, but not with
version 3 of those licenses. So to combine these libraries with FFmpeg, the
license version needs to be upgraded by passing `--enable-version3` to configure.

The smbclient library is under the GPL v3, to combine it with FFmpeg,
the options `--enable-gpl` and `--enable-version3` have to be passed to
configure to upgrade FFmpeg to the GPL v3.

### Incompatible libraries

There are certain libraries you can combine with FFmpeg whose licenses are not
compatible with the GPL and/or the LGPL. If you wish to enable these
libraries, even in circumstances that their license may be incompatible, pass
`--enable-nonfree` to configure. This will cause the resulting binary to be
unredistributable.

The Fraunhofer FDK AAC and OpenSSL libraries are under licenses which are
incompatible with the GPLv2 and v3. To the best of our knowledge, they are
compatible with the LGPL.

********************************************************************************

libavcodec/arm/jrevdct_arm.S

C-like prototype :
        void j_rev_dct_arm(DCTBLOCK data)

   With DCTBLOCK being a pointer to an array of 64 'signed shorts'

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libavcodec/arm/vp8dsp_armv6.S

VP8 ARMv6 optimisations

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******************************************************************************

libavcodec/x86/xvididct.asm

XVID MPEG-4 VIDEO CODEC

 Conversion from gcc syntax to x264asm syntax with modifications
 by Christophe Gisquet <christophe.gisquet@gmail.com>

 ===========     SSE2 inverse discrete cosine transform     ===========

 Copyright(C) 2003 Pascal Massimino <skal@planet-d.net>

 Conversion to gcc syntax with modifications
 by Alexander Strange <astrange@ithinksw.com>

 Originally from dct/x86_asm/fdct_sse2_skal.asm in Xvid.

 Vertical pass is an implementation of the scheme:
  Loeffler C., Ligtenberg A., and Moschytz C.S.:
  Practical Fast 1D DCT Algorithm with Eleven Multiplications,
  Proc. ICASSP 1989, 988-991.

 Horizontal pass is a double 4x4 vector/matrix multiplication,
 (see also Intel's Application Note 922:
  http://developer.intel.com/vtune/cbts/strmsimd/922down.htm
  Copyright (C) 1999 Intel Corporation)

 More details at http://skal.planet-d.net/coding/dct.html

 =======     MMX and XMM forward discrete cosine transform     =======

 Copyright(C) 2001 Peter Ross <pross@xvid.org>

 Originally provided by Intel at AP-922
 http://developer.intel.com/vtune/cbts/strmsimd/922down.htm

```
 (See more app notes at http://developer.intel.com/vtune/cbts/strmsimd/appnotes.htm)
 but in a limited edition.
 New macro implements a column part for precise iDCT
 The routine precision now satisfies IEEE standard 1180-1990.

 Copyright(C) 2000-2001 Peter Gubanov &lt;peter@elecard.net.ru&gt;
 Rounding trick Copyright(C) 2000 Michel Lespinasse &lt;walken@zoy.org&gt;

 http://www.elecard.com/peter/idct.html
 http://www.linuxvideo.org/mpeg2dec/

 These examples contain code fragments for first stage iDCT 8x8
 (for rows) and first stage DCT 8x8 (for columns)

 conversion to gcc syntax by Michael Niedermayer

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libavformat/oggparsetheora.c

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********************************************************************************

libavutil/x86/x86inc.asm

x86inc.asm: x264asm abstraction layer

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libswresample/swresample.h

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libswresample/version.h

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libavcodec/jfdctfst.c
libavcodec/jfdctint_template.c
libavcodec/jrevdct.c

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libavcodec/mdct_fixed_32.c
libavcodec/mips/aacdec_mips.h
libavcodec/mips/aacsbr_mips.h
libavcodec/mips/amrwbdec_mips.h
libavcodec/mips/compute_antialias_fixed.h
libavcodec/mips/compute_antialias_float.h
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libavformat/oggparseogm.c
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Section: pkg.m4 - Macros to locate and utilise pkg-config.

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* http://modp.com/release/base64
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SPIRV-Cross, version sdk-1.3.216.0

A practical tool and library for performing reflection on SPIR-V and disassembling SPIR-V back to hi
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glslang, version 11.10.0

An OpenGL and OpenGL ES shader front end and validator.
Compile GLSL to SPIR-V.
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Android Platform Notes
Qt for Android

Android GNU C++ Run-time Licensing

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Furthermore, LLVM contains code from md5:
This is an OpenSSL-compatible implementation of the RSA Data Security, Inc.
MD5 Message-Digest Algorithm (RFC 1321).

Homepage:
http://openwall.info/wiki/people/solar/software/public-domain-source-code/md5

Author:
Alexander Peslyak, better known as Solar Designer <solar at openwall.com>

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This differs from Colin Plumb's older public domain implementation in that
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unsigned integer data type will do), there's no compile-time endianness
configuration, and the function prototypes match OpenSSL's.  No code from
Colin Plumb's implementation has been reused; this comment merely compares
the properties of the two independent implementations.

The primary goals of this implementation are portability and ease of use.
It is meant to be fast, but not as fast as possible.  Some known
optimizations are not included to reduce source code size and avoid
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URL List:
GNU Free Documentation    License version 1.3: http://www.gnu.org/licenses/fdl.html
    trademarks: https://doc.qt.io/qt/trademarks.html

**********
Component URL: https://doc.qt.io/qt-6/license-changes.html

License Changes

Changes in Qt and Third Party Modules released with Qt that are relevant to licensing.
Qt 6.5.2
Qt GUI Module

HarfBuzz-NG was updated to version 7.3.0.
LibPNG was updated to version 1.6.40.

Qt Image Formats

TIFF Software Distribution (libtiff) was updated to version 4.5.1.

Qt Network module

The Public Suffix List was updated to the commit matching the sha 195aa1c180a5ca8c06c1ce485c75693b63
5c1ebd, on 2023-07-06.

Qt Quick3D module

Tiny OpenEXR was updated to version v1.0.5.

Qt SQL Module

SQLite was updated to version 3.42.0.

Qt 6.5.1
Qt GUI Module

HarfBuzz-NG was updated to version 7.2.0.

Qt Location Module

Usage of Earcut Polygon Triangulation Library was removed.
Usage of geosimplify-js polyline simplification library was removed.

Qt Multimedia Module

pfft was updated to version 38946c766c1a.
Resonance Audio was updated to version e225aedb5ec7.

Qt Network module

The Public Suffix List was updated to the commit matching the sha a304485800b4b6b796fcccbb3be1585f18
9ee038, on 2023-05-03.

Qt Quick3D module

Tiny OpenEXR was updated to version v1.0.2.

Qt SQL Module

SQLite was updated to version 3.41.2.

Qt Webengine Module

Usage of Marked (WebEngine Markdown Editor example) was removed.
Usage of Markdown.css (WebEngine Markdown Editor example) was removed.
Usage of Tango Icon Library was removed.

Qt 6.5.0
Qt Core Module

Gradle wrapper was updated to version 8.0
double-conversion was updated to version 3.2.1.
Unicode Common Locale Data Repository (CLDR) was updated to version 42.

Qt Doc Module

Usage of Selected Material Icons under Apache License Version 2.0 was documented.

Qt GUI Module

Vulkan Memory Allocator was updated to version 3.0.1.
Vulkan API Registry was updated to version 1.3.223.

Qt Location Module

Usage of Earcut Polygon Triangulation Library under ISC License was documented.
Usage of geosimplify-js polyline simplification library under geosimplify-js License was documented.

Qt Testlib Module

Updated Valgrind to version 3.20.0.

Qt Network module

The Public Suffix List was updated to the commit matching the sha f15705582ed13f390c59541300dea7288a
cf4137, on 2023-02-02.

Qt NFC Module

Usage of Selected Material Icons under Apache License Version 2.0 was documented.

Qt OpcUA Module

Open62541 was updated to version 1.3.4.

Qt Quick3D Module

Open Asset Import Library was updated to version 5.2.5.
Usage of meshoptimizer version v0.18 under MIT license was documented.
Usage of Godot Engine: Fog under MIT license was documented.

Qt Shadertools Module

glslang was updated to version 11.10.0.
SPIRV-Cross was updated to version sdk-1.3.216.0.

Qt SQL Module

SQLite was updated to version 3.41.1.

Qt Wayland Module

Usage of Wayland XDG Foreign Protocol version 1 under MIT license is now documented.
Usage of Wayland Fractional Scale Protocol version 1 under MIT license is now documented.

Qt 6.4.3
Qt Core Module

PCRE2 was updated to version 10.42.
PCRE2 - Stack-less Just-In-Time Compiler was updated to version 10.42.
Unicode Character Database (UCD) was updated to version 30.

Qt GUI Module

LibJPEG-turbo was updated to version 2.1.5.
Freetype 2 was updated to version 2.13.0.
HarfBuzz-NG was updated to version 7.0.1.

Qt Image Formats

TIFF Software Distribution (libtiff) was updated to version 4.5.0.
WebP (libwebp) was updated to version 1.3.0.

Qt SQL Module

SQLite was updated to version 3.41.0.

Qt 6.4.2
Qt Core Module

Data Compression Library (zlib) was updated to version 1.2.13.

Qt GUI Module

LibPNG was updated to version 1.6.39.

Qt 6.4.1
Qt GUI Module

LibJPEG-turbo was updated to version 2.1.4.
LibPNG was updated to version 1.6.38.

Qt Testlib Module

Catch2 was updated to version 2.13.10.

Qt Tools Module

Catch2 was updated to version 2.13.10.

Qt 6.4.0
Qt Core Module

Gradle wrapper was updated to version 7.4.2.
Unicode Common Locale Data Repository (CLDR) was updated to version 41.

Qt Imageformats Module

WebP (libwebp) was updated to version 1.2.4

Qt Network Module

libpsl - C library to handle the Public Suffix List version 664f3dc85259ec65e30248a61fa1c45b7b0e4c3f under "BSD 3-clause "New" or "Revised" License is now documented.

Qt Multimedia Module

Eigen version 3.4.0 under Mozilla Public License 2.0 and BSD 3-Clause "New" or "Revised" License is now documented.
pfft version 7c3b5a7dc510a0f513b9c5b6dc5b56f7aeeda422 under BSD 3-Clause "New" or "Revised" License is now documented.
Resonance Audio version e225aedb5ec76ca6a0fe7079c0b84dbcbb490553 under Apache License 2.0 is now documented.

Qt Quick3D Module

Open Asset Import Library was updated to version 5.2.3.
Intel Embree version 3.13.3 under Apache License 2.0 is now documented.
Tiny OpenEXR version 1.0.1 under BSD 3-clause "New" or "Revised" License is now documented.
xatlas was updated to version 16ace528acd2cf1f16a7c0dde99c42c486488dbe.
ProceduralSky under MIT License is now documented.

Qt Quick3DPhysics Module

NVIDIA PhysX SDK version PhysX_4.1.2.29882248 under BSD 3-clause "New" or "Revised" License is now documented.

Qt Tools Module

Catch2 version 2.13.9 under Boost Software License 1.0 is now documented.

Qt Wayland Module

Wayland Text Input Protocol v1 version unstable v1 under MIT License is now documented.

Qt 6.3.2
Qt GUI Module

Freetype 2 was updated to version 2.12.1.

Qt SQL Module

SQLite was updated to version 3.39.2

Qt 6.3.1
Qt Core Module

PCRE2 was updated to version 10.40.
PCRE2 - Stack-less Just-In-Time Compiler was updated to version 10.40.
The Public Suffix List was updated to version d17a65633b0286833727ef21e897a22564695ef5.

Qt GUI Module

HarfBuzz-NG was updated to version 4.2.1.

Qt 6.3.0
Qt Core Module

Efficient Binary-Decimal and Decimal-Binary Conversion Routines for IEEE Doubles was updated to version 3.2.0+e634f265db5d296bd7a780f9813d6b8573f5bd90.
Usage of FreeBSD strtoll and strtoull was removed.
Gradle wrapper was updated to version 7.4.0.
TinyCBOR was updated to version 0.6.0.
Data Compression Library (zlib) was updated to version 1.2.12.
Unicode Character Database (UCD) was updated to version 28.

Qt GUI Module

HarfBuzz-NG was updated to version 3.0.0.
LibJPEG-turbo was updated to version 2.1.3.

Qt Imageformats Module

WebP (libwebp) was updated to version 1.2.2

Qt Quick3D Module

Open Asset Import Library was updated to version 5.1.6

Qt Wayland Compositor Module

Wayland Protocol was updated to version 1.19.0
Usage of Wayland Text Input Protocol version unstable v4, WIP under HPND license is now documented.
Usage of Wayland xdg-activation Protocol version unstable v1, version 1 under MIT license is now doc
umented.
Usage of Presentation Time Protocol version 1 under MIT license is now documented.

Qt 6.2.4
Qt Core Module

The Public Suffix List was updated to version c7fe8ddee7f4e16095e51fbc3dd72f18b7a8567d.

Qt SQL Module

SQLite was updated to version 3.37.2

Qt Testlib Module

Catch2 was updated to version 2.13.8.

Qt 6.2.3
Qt SQL Module

SQLite was updated to version 3.37.0

Qt 6.2.2
Qt Core Module

Gradle wrapper was updated to version 7.2.0
PCRE2 was updated to version 10.39
PCRE2 - Stack-less Just-In-Time Compiler was updated to version 10.39

Qt 6.2.1
Qt Core Module

PCRE2 was updated to version 10.38
PCRE2 - Stack-less Just-In-Time Compiler was updated to version 10.38

Qt 6.2.0
Qt Core Module

extra-cmake-modules was updated to version 5.84.0
Gradle wrapper was updated to version 6.8.3

Qt GUI Module

Freetype 2 was updated to version 2.10.4
HarfBuzz-NG was updated to version 2.9.0
LibJPEG-turbo was updated to version 2.1.1

Qt Imageformats Module

WebP (libwebp) was updated to version 1.2.1

Qt Positioning Module

Clipper Polygon Clipping Library was updated to version 6.4.2.
Usage of Clip2Tri Polygon Triangulation Library under MIT license is now documented.
Usage of Poly2Tri Polygon Triangulation Library under BSD 3-clause "New" or "Revised" license is now
documented.

Qt Quick3D Module

Usage of Shadow values from Angular Material under MIT license is now documented.

Qt Quick Controls Module

Usage of xatlas version a8ffc484335ecc3819c69e1749f142e75e03acdf under MIT license is now documented
.

Qt SQL Module

SQLite was updated to version 3.36.0

Qt Wayland Compositor Module

Usage of Wayland Pointer Gestures Protocol version unstable v1, version 2 under MIT license is now d
ocumented.

Qt 6.1.2
Qt Core Module

BLAKE2 (reference implementation) was updated to version 54f4faa4c16ea34bcd59d16e8da46a64b259fc07.
PCRE2 was updated to version 10.37.
PCRE2 - Stack-less Just-In-Time Compiler was updated to version 10.37.
Unicode Common Locale Data Repository (CLDR) was updated to version 38.
The Public Suffix List was updated to version d4e247a71d1b6da08dad906b098c818493166fcc.

Qt GUI Module

MD4C was updated to version 0.4.8.

Qt Image Formats

TIFF Software Distribution (libtiff) was updated to version 4.3.0.

Qt 6.1.1
Qt GUI Module

LibJPEG-turbo was updated to version 2.1.0.

Qt Shadertools Module

SPIRV-Cross was updated to version d137abeef57b2f3fdbdab0ad5590fe99a44ba546.

Qt SQL Module

SQLite was updated to version 3.35.5.

Qt 6.1.0
Qt 3D Module

Usage of Assimp - Clipper was removed.
Usage of Assimp - irrXML was removed.
Usage of Assimp - Open3DGC was removed.
Usage of Assimp - The OpenDDL-Parser was removed.
Usage of Assimp - Poly2Tri Polygon Triangulation Library was removed.
Usage of Assimp - RapidJSON was removed.
Usage of Assimp - Unzip was removed.
Usage of Assimp - Utf8Cpp was removed.
Usage of Assimp - Zip was removed.

Qt Core Module

Efficient Binary-Decimal and Decimal-Binary Conversion Routines for IEEE Doubles was updated to vers
ion 3.1.5-30-gbf46072.
PCRE2 was updated to version 10.36.
PCRE2 - Stack-less Just-In-Time Compiler was updated to version 10.36.
The Public Suffix List was updated to version f2cce86a42f38265c67caa32c6e0ff61793bb534, fetched on 2
021-01-21.

Qt GUI Module

HarfBuzz-NG was updated to version 2.8.0.
LibJPEG-turbo was updated to version 2.0.6.
MD4C was updated to version 0.4.7.
Vulkan Memory Allocator was updated to version 2.3.0.
Vulkan API Registry was updated to version 1.2.166.

Qt Imageformats Module

TIFF Software Distribution (libtiff) was updated to version 4.2.0.
WebP (libwebp) was updated to version 1.2.0.

Qt SQL Module

SQLite was updated to version 3.35.2.

Qt Shadertools Module

glslang was updated to version 11.1.0.
SPIRV-Cross was updated to version 2020-09-17.

Qt 6.0.1
Qt Core Module

PCRE2 was updated to version 10.36.
CRE2 - Stack-less Just-In-Time Compiler was updated to version 10.36.

Qt 6.0
Qt Core Module

Unicode Common Locale Data Repository (CLDR) got updated to upstream version v38.
The copy of the The Public Suffix List got updated on 2020-11-05.

Qt GUI Module

MD4C was updated to version 0.4.6.

Qt 3D Module

Open Asset Import Library was updated to 5.0.1

Previous Qt Versions
To see license change information for Qt 5.15 and earlier, see https://doc.qt.io/qt-5.15/license-changes.html.

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URL List:
Third Party Modules: licenses-used-in-qt.html
: #qt-6-5-2
: #qt-gui-module
HarfBuzz-NG: qtgui-attribution-harfbuzz-ng.html#harfbuzz-ng
LibPNG: qtgui-attribution-libpng.html#libpng
: #qt-image-formats
TIFF Software Distribution (libtiff): qtimageformats-attribution-libtiff.html#libtiff
: #qt-network-module
The Public Suffix List: qtnetwork-attribution-psl-data.html#psl-data
: #qt-quick3d-module
Tiny OpenEXR: qtquick3d-attribution-tinyexr.html#tinyexr
: #qt-sql-module
SQLite: qtsql-attribution-sqlite.html#sqlite
: #qt-6-5-1
: #qt-gui-module
HarfBuzz-NG: qtgui-attribution-harfbuzz-ng.html#harfbuzz-ng
: #qt-location-module
: #qt-multimedia-module
pfft: qtspatialaudio-attribution-pfft.html#pfft
Resonance Audio: qtspatialaudio-attribution-resonance-audio.html#resonance-audio
: #qt-network-module
The Public Suffix List: qtnetwork-attribution-psl-data.html#psl-data
: #qt-quick3d-module
Tiny OpenEXR: qtquick3d-attribution-tinyexr.html#tinyexr
: #qt-sql-module
SQLite: qtsql-attribution-sqlite.html#sqlite
: #qt-webengine-module
WebEngine: qml-qtwebengine-webengine.html
WebEngine: qml-qtwebengine-webengine.html
: #qt-6-5-0
: #qt-core-module
Gradle wrapper: qtcore-attribution-android-gradle-wrapper.html#android-gradle-wrapper
double-conversion: qtcore-attribution-doubleconversion.html#doubleconversion
Unicode Common Locale Data Repository (CLDR): qtcore-attribution-unicode-cldr.html#unicode-cldr
: #qt-doc-module
Selected Material Icons: qtdoc-attribution-colorpaletteclient.html#colorpaletteclient
: #qt-gui-module

Vulkan Memory Allocator: qtgui-attribution-vulkanmemoryallocator.html#vulkanmemoryallocator
Vulkan API Registry: qtgui-attribution-vulkan-xml-spec.html#vulkan-xml-spec
: #qt-location-module
: #qt-testlib-module
Valgrind: qttestlib-attribution-valgrind.html#valgrind
: #qt-network-module
The Public Suffix List: qtnetwork-attribution-psl-data.html#psl-data
: #qt-nfc-module
Selected Material Icons: qtnfc-attribution-ndefeditor.html#ndefeditor
: #qt-opcua-module
Open62541: qtopcua-attribution-open62541.html#open62541
: #qt-quick3d-module
Open Asset Import Library: qtquick3d-attribution-assimp.html#assimp
meshoptimizer: qtquick3d-attribution-meshoptimizer.html#meshoptimizer
Godot Engine: Fog: qtquick3d-attribution-fog.html#fog
: #qt-shadertools-module
glslang: qtshadertools-attribution-glslang.html#glslang
SPIRV-Cross: qtshadertools-attribution-spirvcross.html#spirvcross
: #qt-sql-module
SQLite: qtsql-attribution-sqlite.html#sqlite
: #qt-wayland-module
Wayland XDG Foreign Protocol: qtwaylandcompositor-attribution-xdg-foreign-unstable-v2.html#xdg-foreign-unstable-v2
Wayland Fractional Scale Protocol: qtwaylandcompositor-attribution-fractional-scale-v1.html#fractional-scale-v1
: #qt-6-4-3
: #qt-core-module
PCRE2: qtcore-attribution-pcre2.html#pcre2
PCRE2 - Stack-less Just-In-Time Compiler: qtcore-attribution-pcre2-sljit.html#pcre2-sljit
Unicode Character Database (UCD): qtcore-attribution-unicode-character-database.html#unicode-character-database
: #qt-gui-module
LibJPEG-turbo: qtgui-attribution-libjpeg.html#libjpeg
Freetype 2: qt-embedded-fonts.html#freetype
HarfBuzz-NG: qtgui-attribution-harfbuzz-ng.html#harfbuzz-ng
: #qt-image-formats
TIFF Software Distribution (libtiff): qtimageformats-attribution-libtiff.html#libtiff
WebP (libwebp): qtimageformats-attribution-libwebp.html#libwebp
: #qt-sql-module
SQLite: qtsql-attribution-sqlite.html#sqlite
: #qt-6-4-2
: #qt-core-module
Data Compression Library (zlib): qtcore-attribution-zlib.html#zlib
: #qt-gui-module
LibPNG: qtgui-attribution-libpng.html#libpng
: #qt-6-4-1
: #qt-gui-module
LibJPEG-turbo: qtgui-attribution-libjpeg.html#libjpeg
LibPNG: qtgui-attribution-libpng.html#libpng
: #qt-testlib-module
Catch2: qttestlib-attribution-catch2.html#catch2
: #qt-tools-module
Catch2: qttestlib-attribution-catch2.html#catch2
: #qt-6-4-0
: #qt-core-module
Gradle wrapper: qtcore-attribution-android-gradle-wrapper.html#android-gradle-wrapper
Unicode Common Locale Data Repository (CLDR): qtcore-attribution-unicode-cldr.html#unicode-cldr
: #qt-imageformats-module
WebP (libwebp): qtimageformats-attribution-libwebp.html#libwebp
: #qt-network-module
libpsl - C library to handle the Public Suffix List: qtnetwork-attribution-libpsl.html#libpsl
: #qt-multimedia-module
Eigen: qtspatialaudio-attribution-eigen.html#eigen
pfft: qtspatialaudio-attribution-pfft.html#pfft
Resonance Audio: qtspatialaudio-attribution-resonance-audio.html#resonance-audio
: #qt-quick3d-module
Open Asset Import Library: qtquick3d-attribution-assimp.html#assimp
Intel Embree: qtquick3d-attribution-embree.html#embree
Tiny OpenEXR: qtquick3d-attribution-tinyexr.html#tinyexr
xatlas: qtquick3d-attribution-xatlas.html#xatlas
ProceduralSky: qtquick3d-attribution-proceduralsky.html#proceduralsky
: #qt-quick3dphysics-module
NVIDIA PhysX SDK: qtquick3dphysics-attribution-physx.html#physx
: #qt-tools-module
Catch2: qttestlib-attribution-catch2.html#catch2
: #qt-wayland-module

Wayland Text Input Protocol v1: qtwaylandcompositor-attribution-wayland-text-input-unstable-v1.html#wayland-text-input-unstable-v1
: #qt-6-3-2
: #qt-gui-module
Freetype 2: qt-embedded-fonts.html#freetype
: #qt-sql-module
SQLite: qtsql-attribution-sqlite.html#sqlite
: #qt-6-3-1
: #qt-core-module
PCRE2: qtcore-attribution-pcre2.html#pcre2
PCRE2 - Stack-less Just-In-Time Compiler: qtcore-attribution-pcre2-sljit.html#pcre2-sljit
The Public Suffix List: qtnetwork-attribution-psl-data.html#psl-data
: #qt-gui-module
HarfBuzz-NG: qtgui-attribution-harfbuzz-ng.html#harfbuzz-ng
: #qt-6-3-0
: #qt-core-module
Efficient Binary-Decimal and Decimal-Binary Conversion Routines for IEEE Doubles: qtcore-attribution-doubleconversion.html#doubleconversion
Gradle wrapper: qtcore-attribution-android-gradle-wrapper.html#android-gradle-wrapper
TinyCBOR: qtcore-attribution-tinycbor.html#tinycbor
Data Compression Library (zlib): qtcore-attribution-zlib.html#zlib
Unicode Character Database (UCD): qtcore-attribution-unicode-character-database.html#unicode-character-database
: #qt-gui-module
HarfBuzz-NG: qtgui-attribution-harfbuzz-ng.html#harfbuzz-ng
LibJPEG-turbo: qtgui-attribution-libjpeg.html#libjpeg
: #qt-imageformats-module
WebP (libwebp): qtimageformats-attribution-libwebp.html#libwebp
: #qt-quick3d-module
Open Asset Import Library: qtquick3d-attribution-assimp.html#assimp
: #qt-wayland-compositor-module
Wayland Protocol: qtwaylandcompositor-attribution-wayland-protocol.html#wayland-protocol
Wayland Text Input Protocol: qtwaylandcompositor-attribution-wayland-text-input-unstable-v4-wip.html#wayland-text-input-unstable-v4-wip
Wayland xdg-activation Protocol: qtwaylandcompositor-attribution-wayland-xdg-activation.html#wayland-xdg-activation
Presentation Time Protocol: qtwaylandcompositor-attribution-presentation-time-xml.html#presentation-time-xml
: #qt-6-2-4
: #qt-core-module
The Public Suffix List: qtnetwork-attribution-psl-data.html#psl-data
: #qt-sql-module
SQLite: qtsql-attribution-sqlite.html#sqlite
: #qt-testlib-module
Catch2: qttestlib-attribution-catch2.html#catch2
: #qt-6-2-3
: #qt-sql-module
SQLite: qtsql-attribution-sqlite.html#sqlite
: #qt-6-2-2
: #qt-core-module
Gradle wrapper: qtcore-attribution-android-gradle-wrapper.html#android-gradle-wrapper
PCRE2: qtcore-attribution-pcre2.html#pcre2
PCRE2 - Stack-less Just-In-Time Compiler: qtcore-attribution-pcre2-sljit.html#pcre2-sljit
: #qt-6-2-1
: #qt-core-module
PCRE2: qtcore-attribution-pcre2.html#pcre2
PCRE2 - Stack-less Just-In-Time Compiler: qtcore-attribution-pcre2-sljit.html#pcre2-sljit
: #qt-6-2-0
: #qt-core-module
extra-cmake-modules: qtcore-attribution-extra-cmake-modules.html#extra-cmake-modules
Gradle wrapper: qtcore-attribution-android-gradle-wrapper.html#android-gradle-wrapper
: #qt-gui-module
Freetype 2: qt-embedded-fonts.html#freetype
HarfBuzz-NG: qtgui-attribution-harfbuzz-ng.html#harfbuzz-ng
LibJPEG-turbo: qtgui-attribution-libjpeg.html#libjpeg
: #qt-imageformats-module
WebP (libwebp): qtimageformats-attribution-libwebp.html#libwebp
: #qt-positioning-module
Clipper Polygon Clipping Library: qtpositioning-attribution-clipper.html#clipper
Clip2Tri Polygon Triangulation Library: qtpositioning-attribution-clip2tri.html#clip2tri
Poly2Tri Polygon Triangulation Library: qtpositioning-attribution-poly2tri.html#poly2tri
: #qt-quick3d-module
Shadow values from Angular Material: qtquickcontrols-attribution-shadow-angular-material.html#shadow-angular-material
: #qt-quick-controls-module
xatlas: qtquick3d-attribution-xatlas.html#xatlas

: #qt-sql-module
SQLite: qtsql-attribution-sqlite.html#sqlite
: #qt-wayland-compositor-module
Wayland Pointer Gestures Protocol: qtwaylandcompositor-attribution-wayland-pointer-gestures-protocol
.html#wayland-pointer-gestures-protocol
: #qt-6-1-2
: #qt-core-module
BLAKE2 (reference implementation): qtcore-attribution-blake2.html#blake2
PCRE2: qtcore-attribution-pcre2.html#pcre2
PCRE2 - Stack-less Just-In-Time Compiler: qtcore-attribution-pcre2-sljit.html#pcre2-sljit
Unicode Common Locale Data Repository (CLDR): qtcore-attribution-unicode-cldr.html#unicode-cldr
The Public Suffix List: qtnetwork-attribution-psl-data.html#psl-data
: #qt-gui-module
MD4C: qtgui-attribution-md4c.html#md4c
: #qt-image-formats
TIFF Software Distribution (libtiff): qtimageformats-attribution-libtiff.html#libtiff
: #qt-6-1-1
: #qt-gui-module
LibJPEG-turbo: qtgui-attribution-libjpeg.html#libjpeg
: #qt-shadertools-module
SPIRV-Cross: qtshadertools-attribution-spirvcross.html#spirvcross
: #qt-sql-module
SQLite: qtsql-attribution-sqlite.html#sqlite
: #qt-6-1-0
: #qt-3d-module
Assimp - Clipper: https://doc.qt.io/archives/qt-6.0/qt3d-attribution-assimp-clipper.html
Assimp - irrXML: https://doc.qt.io/archives/qt-6.0/qt3d-attribution-assimp-irrxml.html
Assimp - Open3DGC: https://doc.qt.io/archives/qt-6.0/qt3d-attribution-assimp-open3dgc.html
Assimp - The OpenDDL-Parser: https://doc.qt.io/archives/qt-6.0/qt3d-attribution-assimp-openddlparser
.html
Assimp - Poly2Tri Polygon Triangulation Library: https://doc.qt.io/archives/qt-6.0/qt3d-attribution-
assimp-poly2tri.html
Assimp - RapidJSON: https://doc.qt.io/archives/qt-6.0/qt3d-attribution-assimp-rapidjson.html
Assimp - Unzip: https://doc.qt.io/archives/qt-6.0/qt3d-attribution-assimp-unzip.html
Assimp - Utf8Cpp: https://doc.qt.io/archives/qt-6.0/qt3d-attribution-assimp-utf8cpp.html
Assimp - Zip: https://doc.qt.io/archives/qt-6.0/qt3d-attribution-assimp-zip.html
: #qt-core-module
Efficient Binary-Decimal and Decimal-Binary Conversion Routines for IEEE Doubles: qtcore-attribution
-doubleconversion.html#doubleconversion
PCRE2: qtcore-attribution-pcre2.html#pcre2
PCRE2 - Stack-less Just-In-Time Compiler: qtcore-attribution-pcre2-sljit.html#pcre2-sljit
The Public Suffix List: qtnetwork-attribution-psl-data.html#psl-data
: #qt-gui-module
HarfBuzz-NG: qtgui-attribution-harfbuzz-ng.html#harfbuzz-ng
LibJPEG-turbo: qtgui-attribution-libjpeg.html#libjpeg
MD4C: qtgui-attribution-md4c.html#md4c
Vulkan Memory Allocator: qtgui-attribution-vulkanmemoryallocator.html#vulkanmemoryallocator
Vulkan API Registry: qtgui-attribution-vulkan-xml-spec.html#vulkan-xml-spec
: #qt-imageformats-module
TIFF Software Distribution (libtiff): qtimageformats-attribution-libtiff.html#libtiff
WebP (libwebp): qtimageformats-attribution-libwebp.html#libwebp
: #qt-sql-module
SQLite: qtsql-attribution-sqlite.html#sqlite
: #qt-shadertools-module
glslang: qtshadertools-attribution-glslang.html#glslang
SPIRV-Cross: qtshadertools-attribution-spirvcross.html#spirvcross
: #qt-6-0-1
: #qt-core-module
PCRE2: qtcore-attribution-pcre2.html#pcre2
CRE2 - Stack-less Just-In-Time Compiler: qtcore-attribution-pcre2-sljit.html#pcre2-sljit
: #qt-6-0
: #qt-core-module
Unicode Common Locale Data Repository (CLDR): qtcore-attribution-unicode-cldr.html#unicode-cldr
The Public Suffix List: qtnetwork-attribution-psl-data.html#psl-data
: #qt-gui-module
MD4C: qtgui-attribution-md4c.html#md4c
: #qt-3d-module
Open Asset Import Library: qtquick3d-attribution-assimp.html#assimp
: #previous-qt-versions
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Component URL: https://doc.qt.io/qt-6/qt-attribution-cmake-macros.html

Macros for Building with CMake

The following files contain macros that enable users to build Qt-based projects using CMake.

qtbase/src/corelib/Qt6CoreMacros.cmake
qtbase/src/dbus/Qt6DBusMacros.cmake
qtbase/src/widgets/Qt6WidgetsMacros.cmake
qttools/src/linguist/Qt6LinguistToolsMacros.cmake

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Component URL: https://doc.qt.io/qt-6/qt-attribution-llvmpipe.html

Mesa llvmpipe

Mesa is a 3-D graphics library with an API which is very similar to that of OpenGL. The llvmpipe sof
tware renderer allows running of OpenGL applications without any hardware / driver support.
Shipped as part of the binary packages for Windows (opengl32sw.dll).
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C11 <threads.h> emulation library

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The QtEntryPoint Library

QtEntryPoint is a helper library that enables the developer to write a cross-platform main() functio
n on Windows. If you do not use CMake, qmake, qbs, or any other build tool that handles this automat
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#-----------------------------------------------
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# Package name    : shadow
# Package version : 4.11.1
#-----------------------------------------------
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Upstream Resources:
https://github.com/shadow-maint/shadow/releases/download/4.11.1/shadow-4.11.1.tar.gz

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This grammar has 13 shift/reduce conflicts.

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----------
# Package name    : shadow-securetty
# Package version : 4.6
#----------
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6.bb

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#----------
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# Package name    : socat
# Package version : 1.7.4.4
#----------
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#-----------------------------------------------------------------------------------------------------------
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# Package name    : sqlite
# Package version : 3.38.5
#-----------------------------------------------------------------------------------------------------------
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# Package name    : swupdate
# Package version : 2022.05
#-----------------------------------------------------------------------------------------------------------
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# Package name    : systemd
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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 int ended 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 cha nges in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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

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ffering equivalent access to copy the source code from the same place satisfies the requirement to d
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w.

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# Package name    : thrift
# Package version : 0.16.0
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# Package name    : tpm2-tss
# Package version : 3.2.2
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# Package name    : tzdata
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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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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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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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#----------------------------------------------------------------------------------------------------
-----------------------------------------------
# Package name    : udev-rules-imx
# Package version : 1.0
#----------------------------------------------------------------------------------------------------
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#----------
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# Package name    : usbutils
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it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal

permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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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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```
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```
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  library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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  Ty Coon, President of Vice
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**********

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with versio n 2 of the ordinary GPL.]

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 t he source code. If you link a program with the library, you must provide complete object files to th e 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 thi s 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, appli es to certain designated libraries. This license is quite different from the ordinary one; be sure t o 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 link ed executable is a combined work, a derivative of the original library, and the ordinary General Pub lic 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 conclud ed 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 int ended 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 cha nges 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 attent ion 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 t han by this special one.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work ba sed 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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(For example, a function in a library to compute square roots has a purpose that is entirely w ell-defined independent of the application. Therefore, Subsection 2d requires that any application-s upplied 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.

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.

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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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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.

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#----------------------------------------------------------------------------------------------------
----------------------------------------------
# Package name    : util-linux-libuuid
# Package version : 2.37.4
#----------------------------------------------------------------------------------------------------
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#---------------------------------------------------------------------------------------------
---------------------------------------------
# Package name    : wayland
# Package version : 1.20.0
#---------------------------------------------------------------------------------------------
---------------------------------------------

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# Package name    : xz
# Package version : 5.2.6
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