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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

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However, unrestricted linking of non-free programs would deprive the users of

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This Library General Public License is intended to permit developers of non-free

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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 $% \left(1\right) =\left(1\right) +\left(1\right) +\left($

this will lead to faster development of free libraries.

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making

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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

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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

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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

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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

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- to give the same user the materials specified in Subsection 6a, above, for
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(libjpeg 2.0.4, libjpeg-turbo 1.4.1, libjpeg-turbo 2.0.4)

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README for release 6b of 27-Mar-1998

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generated from the IJG code, this does not limit you more than the foregoing

paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is

copyright by the Free Software Foundation but is freely distributable. The same

holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh).

Another support script, install—sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by

patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot

legally be used without obtaining one or more licenses. For this reason, support

for arithmetic coding has been removed from the free JPEG software. (Since

arithmetic coding provides only a marginal gain over the unpatented

Huffman mode,

it is unlikely that very many implementations will support it.) So far as we are

aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid

entanglement with the Unisys LZW patent, GIF reading support has been removed

altogether, and the GIF writer has been simplified to produce "uncompressed

GIFs". This technique does not use the LZW algorithm; the resulting GIF files are

larger than usual, but are readable by all standard GIF decoders.

We are required to state that

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A "png_get_copyright" function is available, for convenient use in "about" boxes and the like:

printf("%s",png get copyright(NULL));

Also, the PNG logo (in PNG format, of course) is supplied in the files "pngbar.png" and "pngbar.jpg (88x31) and "pngnow.png" (98x31).

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Glenn Randers-Pehrson randeg@alum.rpi.edu April 15, 2002

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"[program] is based in part on the work of the libwebsockets project (https://libwebsockets.org)" 3) Some sources included have their own, more

liberal licenses, or options to get original sources with the liberal terms.

Original liberal license retained — lib/sha-1.c — 3-clause BSD license retained,

link to original - win32port/zlib - ZLIB license (see zlib.h)
Relicensed to

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test-server/*.c - test-server/*.h 4) lwsws (Libwebsocket web server)
is a bundled

application that is not part of the libwebsockets library, it's a separate

application that uses the library. The related sources are in a separate

directory. If you don't distribute lwsws, you do not need to observe its license.

- lwsws/lejp.c - LGPL2.1 - lwsws/lejp.h - LGPL2.1 - lwsws/[all else] -

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Version 2.1, February 1999

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permits such linking only if the entire combination fits its criteria of freedom.

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code with the library.

We call this license the "Lesser" General Public License because it does Less to

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non-free programs. These disadvantages are the reason we use the ordinary General

Public License for many libraries. However, the Lesser license provides

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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 defacto standard.

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A more

frequent case is that a free library does the same job as widely used non-free

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code for all modules it contains, plus any associated interface definition files,

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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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This option is useful when you wish to copy part of the code of the Library into

a program that is not a library.

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under Section 2) in object code or executable form under the terms of Sections 1

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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

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the same place satisfies the requirement to distribute the source code, even

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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

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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

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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

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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

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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 $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1$

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

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You must give prominent notice with each copy of the work that the Library is

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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

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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

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