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1.8 fcgi 2.4.1

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1.17 dosfs-tools 4.1

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1.18 bridgeutils 1.6

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1.23 popt 1.18

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1.24 json-c 0.15

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1.25 libconfig 1.5

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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
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library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

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Daniel Marjamdki - Enhancements & bugfixes.
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@c
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@center Preamble
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the same
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little to gain by limiting the free library to free software only, so we
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``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.

@page

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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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@sp 1
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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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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
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lines or less in length), then the use of the object file is
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(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
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@sp 1
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1.30 libpcap 1.10.1

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1.31 libssh 0.9.6

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Linking with OpenSSL

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1.32 glibc 4.3.0

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same job as widely used non-free libraries. In this
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former
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@item
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its purpose remains meaningful.

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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.)
@end enumerate

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 If distribution of object code is made by offering access to copy
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threshold for this to be true is not precisely defined by law.

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@enumerate a
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@subheading END OF TERMS AND CONDITIONS

@page
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safest to attach them to the start of each source
file to most effectively
convey the exclusion of warranty; and each file should have at least the
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@smallexample
@var{one line to give the library's name and an idea of what it does.}
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USA.
@end
smallexample

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

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

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

@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample

That's all there is to it!

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1.34 libffi 3.4.2

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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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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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which
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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
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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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1.36 safeclib 4.0.37

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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

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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
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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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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.

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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.

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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:

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
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1.38 libnsl 2.29

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@subheading Preamble

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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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

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

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

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

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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.

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.

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``work based on the library" and a ``work that uses the library". The former
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 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.

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The modified work must itself be a software library.

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

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If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this
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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

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Library will still fall under Section 6.)

Otherwise,
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with the Library, with the complete machine-readable ``work that
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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
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@item
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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
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1.42 libedit 0.30

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**/
Contributors

Since it's first commit on 17 Feb 2014, the libIIO has seen many improvements by many contributors.
Regular releases every 6 months delivers stable updates to users and developers,
each with new features, new examples, added device support, and improved performance.
Each of these releases contains the work of over 45 developers representing over 25 corporations.

Although the libIIO would not exist without the initial support of Analog Devices,
it is an open source source project, and relies on the contributions of many people.
Being used across the cloud, mobile, embedded, and supercomputing applications, ensures
that it supports many different use cases and applications.

The numbers in the following tables are drawn from the entire git repository history.
Periodically (at least once a release), we run a script included in this file to update this file.
This does not include the people working on the kernel side, writing the actual Linux kernel IIO device drivers,
or
 tiny-iiod the deeply embedded iio daemon.

Individuals contributing to the libIIO

Author	Lines of Code
Paul Cercueil	17904

| Robin Getz | 7932
| Lars-Peter Clausen | 3785
| Tim Harder | 2259
| Michael Hennerich | 1175
| Matt Fornero | 987
| Travis F. Collins | 602
| Alexandru Ardelean | 555
| Cristi Iacob | 437
| Lucas Magasweran | 358
| Matej Kenda | 273
| Alexandra Trifan | 257
| Romain Roff | 225
| Geert Uytterhoeven | 35
| Andrea Galbusera | 32
| JaredD | 31
| Adrian Freihofer | 31
| Dan Nechita | 29
| Adrian Suciu | 23
| Petr tetiar | 20
| Edward Kigwana | 19
| Andreas Brauchli |
18
| fpagliughi | 16
| Samuel Martin | 12
| Rmi Lefvre | 12
| Michael Heimpold | 12
| SrikanthPagadarai | 11
| Dimas Abreu Archanjo Dutra | 9
| Marc Titinger | 8
| Jonas Hansen | 4
| Jeremy Trimble | 4
| David Frey | 4
| Ryo Hashimoto | 3
| Markus Gnadl | 2
| Julien Malik | 2
| Jorik Jonker | 2
| Pierre-Jean Texier | 1
| Nicholas Pillitteri | 1
| Morten Fyhn Amundsen | 1
| Johnny Vestergaard | 1
| Gwendal Grignou | 1
| Ben Acland | 1

Domains (or companies) contributing to the libIIO

In order of most contributions to least (counted by lines of code).

Company	Lines of code
analog.com	31153
metafoo.de	3785
mathworks.com	987
gmail.com	382
daqri.com	358
parrot.com	237
linux-m68k.org	35
scs.ch	22
true.cz	20
sensirion.com	18
mindspring.com	16
heimpold.de	12
ufmg.br	9
baylibre.com	8
sierrawireless.com	4
azuresummit.com	4
google.com	3
paraiso.me	2
kippendief.biz	2
iabg.de	2
unixcluster.dk	1
koncepto.io	1
crapouillou.net	1
chromium.org	1

scripts
scripts were based on a [gist](https://gist.github.com/amitchhajer/4461043) from Amit Chhajer.

Measuring authors:
```sh
git ls-files | while read f; do git blame -w --line-porcelain -- "$f" | grep -I '^author '; done | sort -f | uniq -ic | sort -nr | sed 's/author/|/' | awk -F'|' '{print "| ", $2, " | ", $1}'
```
After this is done, the list is manipulated manually - not everyone uses the
same name for every commit on every development machine.

Measuring domains:

```sh
git ls-files | while read f; do git blame -w --line-porcelain -- "$f" | grep -I '^author-mail'; done | sort -f | uniq -ic | sort -nr | sed -e 's/<.*@//' -e 's/>$//' -e 's/author-mail//' | sort -k 2 | awk '{arr[$2]+=$1} END {for (i in arr) {print "| ", i," | ",arr[i]}}' | sort -k 4 -nr
```

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If such an object file uses only numerical parameters, data
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Any executables containing that work also fall under Section 6,
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1.44 rsyslog 8.2208.0

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1.54 glibc 2.37

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a purpose that is entirely well-defined independent of the
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@item
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threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
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functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
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Any executables containing that work also fall under Section 6,
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@item
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this License. Also, you must do one
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@enumerate a
@item
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@item
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@enumerate a
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```
/* SafeStringInClasses_1.ino
   Example of using SafeString for Class char[]s

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 Examples of SafeString substring

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/*
 SafeString from char* constructor
```

Examples of how to create SafeStrings from an existing pointer to a char[]
also see the SafeString_ConstructorAndDebugging, SafeStringFromCharArray and SafeStringFromCharPtrWithSize examples

by Matthew Ford
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www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/

Found in path(s):
* /safestring-master-zip/SafeString-master/examples/SafeString_Tests/SafeStringFromCharPtr/SafeStringFromCharPtr.ino
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/*
Blink

Turns an led on for one second, then off for one second, repeatedly.

Most Arduinos have an on-board led you can control. On the UNO, MEGA and ZERO
it is attached to digital pin 13, on MKR1000 on pin 6. led is set to
the correct led pin independent of which board is used.
If you want to know what pin the on-board led is connected to on your Arduino
model, check the Technical Specs of your board at:
https://www.arduino.cc/en/Main/Products

modified 8 May 2014
by Scott Fitzgerald
modified 2 Sep 2016
by Arturo Guadalupi
modified 8 Sep 2016
by Colby Newman

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http://www.arduino.cc/en/Tutorial/Blink
*/

Found in path(s):
* /safestring-master-zip/SafeString-master/examples/loopTimer/LoopTimer_BlinkDelay/LoopTimer_BlinkDelay.ino
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/*
SafeString startsWith(), startsWithIgnoreCase(), endsWithCharFrom() and endsWith()

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www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/

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/*
Appending to SafeStrings using print()/println()
Examples of how to use the standard print()/println() to append and format different data types to SafeStrings

by Matthew Ford
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*/

Found in path(s):
* /safestring-master-zip/SafeString-master/examples/SafeString_Tests/SafeStringPrint/SafeStringPrint.ino
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/*
SafeString readUntil, non-blocking until delimiter found
Example of how to use the non-blocking readUntil() method to parse a CSV line

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* /safestring-master-zip/SafeString-master/examples/SafeString_Tests/SafeString_readUntil/SafeString_readUntil.ino
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/*
Fixed 9 Formatting of double/float/long/ing

by Matthew Ford

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*/

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* /safestring-master-zip/SafeString-master/examples/SafeString_Tests/SafeString_fixedWidthFormat/SafeString_fixedWidthFormat.ino
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/*
Appending to SafeStrings using the += operator and concat()
Examples of how to append different data types to SafeStrings
Also has examples of using hasError() method

by Matthew Ford
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*/

Found in path(s):
* /safestring-master-zip/SafeString-master/examples/SafeString_Tests/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator.ino
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/*
SafeString Case changes
Examples of how to change the case of a SafeString

by Matthew Ford
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*/

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* /safestring-master-zip/SafeString-master/examples/SafeString_Tests/SafeStringCaseChanges/SafeStringCaseChanges.ino
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/*

SafeString.cpp V2.0.0 static memory SafeString library modified by
Matthew Ford
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extensively modified from

WString.cpp - SafeString library for Wiring & Arduino
...mostly rewritten by Paul Stoffregen...
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*/

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* /safestring-master-zip/SafeString-master/src/SafeString.cpp
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/*
SafeString from char* with specified size constructor
Examples of how to create SafeStrings from an existing pointer to a char[]
also see the SafeString_ConstructorAndDebugging, SafeStringFromCharArray and SafeStringFromCharPtr examples

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www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/

Found in path(s):
* /safestring-master-zip/SafeString-

master/examples/SafeString_Tests/SafeStringFromCharPtrWithSize/SafeStringFromCharPtrWithSize.ino
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```
/*
 Tokenizing SafeStrings and converting to numbers
 Examples of how to use the nextToken() and toLong() and toDouble() to parse a CSV line

 by Matthew Ford
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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/
```

Found in path(s):
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```
/*
 Tokenizing SafeStrings and converting to numbers
 Examples of how to use the stoken and toLong() and toDouble() to parse a CSV line

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*/
```

Found in path(s):
* /safestring-master-zip/SafeString-master/examples/SafeString_Tests/SafeString_stoken/SafeString_stoken.ino
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```
/* SafeStringWithArraysOfCstrings.ino
   Example of using SafeString for working with char[][xx]

 by Matthew Ford
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 download and install the SafeString library from Arduino library manager
 or from www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/
```

Found in path(s):
* /safestring-master-zip/SafeString-master/examples/SafeStringWithArraysOfCstrings/SafeStringWithArraysOfCstrings.ino

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```
/*
 Comparing SafeStrings
 Examples of how to compare SafeStrings using the comparison operators

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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/
```

Found in path(s):
* /safestring-master-zip/SafeString-master/examples/SafeString_Tests/SafeStringComparisonOperators/SafeStringComparisonOperators.ino
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```
/*
 Test Errors for Assignment to SafeStrings using the = operator

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 www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/
```

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```
/*
 SafeString constructors and assignments
 Examples of how to create SafeStrings and how to assign SafeStrings from other data types
 also see the SafeStringFromCharArray, SafeStringFromCharPtr and SafeStringFromCharPtrWithSize examples


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*/
```

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/*
 SafeSting length(), trim()

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Found in path(s):
* /safestring-master-zip/SafeString-master/examples/SafeString_Tests/SafeStringLengthTrim/SafeStringLengthTrim.ino
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/*
 SafeStringReader_GPS.ino

 This example reads GPS data from a SafeStringStream continuously using a SafeStringReader

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 download and install the SafeString library from Arduino library manager
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*/

Found in path(s):
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/*
 Prefixing to SafeStrings using the -= operator and prefix()
 Examples of how to prefix different data types to SafeStrings

 by Matthew Ford
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*/

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/*
SafeString replace()
Examples of SafeString replace for chars and strings

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*/

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* /safestring-master-zip/SafeString-master/examples/SafeString_Tests/SafeStringReplace/SafeStringReplace.ino
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/*
SafeString from char[] constructor
Examples of how to create SafeStrings from an existing char[]
also see the SafeString_ConstructorAndDebugging, SafeStringFromCharPtr and SafeStringFromCharPtrWithSize examples

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www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/

Found in path(s):
* /safestring-master-zip/SafeString-master/examples/SafeString_Tests/SafeStringFromCharArray/SafeStringFromCharArray.ino
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/*
OBD_Processor.ino for SafeString V4.0.0+

Example of using SafeString to process Car OnBoardData

by Matthew Ford
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or from www.forward.com.au/pfod/ArduinoProgramming/SafeString/index.html
*/

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* /safestring-master-zip/SafeString-master/examples/OBD_Processor/OBD_Processor.ino
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/*
SafeString to Number conversion
Examples of SafeString to Number conversions and comparing these to the results from String methods

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/*
sfStream.ino

SafeStringStream Unit test
Example of using SafeStringStream

by Matthew Ford
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https://www.forward.com.au/pfod/ArduinoProgramming/Serial_IO/index.html
*/

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* /safestring-master-zip/SafeString-master/examples/SafeStringStream_Tests/sfStream/sfStream.ino
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/*
SafeStringReader_flushInput.ino

This example flushes any initial input and also starts flushing if "flush" is found in the text stream

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*/

Found in path(s):
* /safestring-master-zip/SafeString-master/examples/SafeStringReader_flushInput/SafeStringReader_flushInput.ino
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/*
SafeString charAt() and setCharAt()
Examples of how to get and set characters of a SafeString

by Matthew Ford
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* /safestring-master-zip/SafeString-
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/*
SafeStringReader_Assign.ino

This example = to SafeStringReader

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Found in path(s):
* /safestring-master-zip/SafeString-master/examples/SafeStringReader_Assign/SafeStringReader_Assign.ino

1.64 ipmiutil 1.18.8

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1.65 systemd 253

1.65.1 Available under license :

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* the src/shared/linux/bpf_insn.h header is copied from the Linux kernel
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  - src/basic/siphash24.h
  - tools/check-includes.pl
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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.

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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
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.69 tcpdump 4.99.1

1.69.1 Available under license :

```
# -*- perl -*-

$testlist = [
  # This specific test fails on OpenBSD because the .pcap file uses DLT_RAW,
  # which OpenBSD treats as DLT_LOOP. The macro is set on all three BSDs.
  {
    config_unset => 'HAVE_NET_IF_PFLOG_H',
    name => 'heap-overflow-1',
    input => 'heap-overflow-1.pcap',
    output => 'heap-overflow-1.out',
    args   => '-v'
  },
];

1;
```

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1.70 busybox 1.36.0

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006
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1.71 e2fsprogs 1.47.0

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Index: tdbsa/tdb.c
==========
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/

```
 /*
-   Unix SMB/CIFS implementation.
+   trivial database library - standalone version

-   trivial database library - private includes
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Upstream-Name: e2fsprogs
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Source: http://sourceforge.net/projects/e2fsprogs
Comment:
This is the Debian GNU/Linux prepackaged version of the EXT2 file
system utilities (e2fsck, mke2fs, etc.).  The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Theodore Ts'o
23-June-2007

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relink to produce a modified
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```
 <signature of Ty Coon>, 1 April 1990
 Ty Coon, President of Vice

That's all there is to it!
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
 @echo " MKDIR pic"
 @mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:  $(BSD_LIB)

$(BSD_LIB): $(OBJS)
 (cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
 $(MV) pic/$(BSD_LIB) .
 $(RM) -f ../$(BSD_LIB)
 (cd ..; $(LN) $(LINK_BUILD_FLAGS) \
  `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
 @echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
 @$(INSTALL_PROGRAM) $(BSD_LIB) \
  $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
 @-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
 $(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
```

$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

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1.72 net-snmp 5.9.1

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1.73 libcap 2.44

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```
#!/usr/bin/env bash
# MIT licenses will each have a unique MD5 sum since they contain a unique copyright.
# This script will read the license file into memory, strip out the copyright, and then
# generate an MD5 that is not unique and can be matched against a known MIT MD5 sum.
set -e

calculate_md5_sum() {
 local FILE="$1"

 # Read the contents of the file into a variable
 local raw_license_text=$(<"$FILE")

 # Convert to lowercase
 local lowercase_license_text="${raw_license_text,,}"

 # Remove anything before the beginning of the license
 local stripped_license_text=$(awk '/permission is hereby granted,/{p=1} p' <<< "$lowercase_license_text")

 # Replace line breaks (Windows or Linux) with a single space
 local replaced_linebreaks=$(tr '\r\n' ' ' <<< "$stripped_license_text")

 # Replace multiple spaces with a single space
```

```
 local normalized_license_text=$(tr -s ' ' <<< "$replaced_linebreaks")

 # Strip away any non-printable, non-whitespace characters
 local clean_unprintable_license_text=$(tr
 -cd '[:print:][:space:]' <<< "$normalized_license_text")

 # Remove punctuation and special characters
 local clean_license_text=$(echo "$clean_unprintable_license_text" | sed 's/[^a-zA-Z ]//g')

 # Calculate the MD5 sum of the cleaned license text
 local MD5SUM=$(echo -n "$clean_license_text" | md5sum | awk '{print $1}')

 # Output the MD5 sum
 echo "$MD5SUM"
}

# Check if the FILE argument is provided
if [ -z "$1" ]; then
 echo "Please provide a FILE as an argument."
 exit 1
fi

# Invoke the function with the provided FILE argument
calculate_md5_sum "$1"
WEV @@ WEV[B  "1
x   ?"U@,5  @mISmIN<GimCN7g1u|E
43mI,5WEV @@ WEV   @mImImIAmImImI0mImImI*mImI
A0mImImI...
lost+found...

;9GimCN7g

!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@
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1.80 pcre 8.44

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1.81 htop 3.2.2

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Version 3.1, 31 March 2009

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1.90 zlib 1.3.1

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu
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version 1.3.1, January 22nd, 2024

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

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Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950
(zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).
*/

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@item
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@page
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Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the
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That's all there is to it!
This directory contains the sources of the GNU C Library.
See the file "version.h" for what release version you have.

The GNU C Library is the standard system C library for all GNU systems,
and is an important part of what makes up a GNU system. It provides the
system API for all programs written in C and C-compatible languages such
as C++ and Objective C; the runtime facilities of other programming
languages use the C library to access the underlying operating system.

In GNU/Linux systems, the C library works with the Linux kernel to
implement the operating system behavior seen by user applications.
In GNU/Hurd systems, it works with a microkernel and Hurd servers.

The GNU C Library implements much of the POSIX.1 functionality in the
GNU/Hurd system, using configurations i[4567]86-*-gnu.

When working with Linux kernels, this version of the GNU C Library
requires Linux kernel version 3.2 or later.

Also note that the shared version of the libgcc_s library must be
installed for the

pthread library to work correctly.

The GNU C Library supports these configurations for using Linux kernels:

aarch64*-*-linux-gnu
alpha*-*-linux-gnu
arc*-*-linux-gnu
arm-*-linux-gnueabi
csky-*-linux-gnuabiv2
hppa-*-linux-gnu
i[4567]86-*-linux-gnu
x86_64-*-linux-gnu Can build either x86_64 or x32
ia64-*-linux-gnu
loongarch64-*-linux-gnu Hardware floating point, LE only.
m68k-*-linux-gnu
microblaze*-*-linux-gnu
mips-*-linux-gnu
mips64-*-linux-gnu
or1k-*-linux-gnu
powerpc-*-linux-gnu Hardware or software floating point, BE only.
powerpc64*-*-linux-gnu Big-endian and little-endian.
s390-*-linux-gnu
s390x-*-linux-gnu
riscv32-*-linux-gnu
riscv64-*-linux-gnu
sh[34]-*-linux-gnu
sparc*-*-linux-gnu
sparc64*-*-linux-gnu

If you are interested in doing a port, please contact the glibc
maintainers; see https://www.gnu.org/software/libc/ for more
information.

See the file INSTALL to find out how to configure, build, and install
the GNU C Library. You might also consider reading
the WWW pages for
the C library at https://www.gnu.org/software/libc/.

The GNU C Library is (almost) completely documented by the Texinfo manual
found in the `manual/' subdirectory. The manual is still being updated
and contains some known errors and omissions; we regret that we do not
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1.101 python 3.10.7

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

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

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

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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1.102 mmc-utils 1.0

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```

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```
* /mmc-utils-1-0-tar-gz/mmc-utils-1.0/mmc_cmds.h
* /mmc-utils-1-0-tar-gz/mmc-utils-1.0/mmc_cmds.c
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```
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* Last update: 02/02/2007
* Issue date:  04/30/2005
*
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*
 /mmc-utils-1-0-tar-gz/mmc-utils-1.0/3rdparty/hmac_sha/sha2.c

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```
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* Last update: 06/15/2005
* Issue date:  06/15/2005
*
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1.103 cjson 1.7.17

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1.115 linux-kernel 5.15.196.1

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```
/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
*  http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
*   Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather
 lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
*   IDT always receives data into a small buffer, then large buffers
*     as needed. This means that data must always be copied to create
*     the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
*     Fix is simple: make large buffers large enough to hold entire
*     SDU, and leave <small_buffer_data> bytes empty at the start. Then
*     copy small buffer contents to head of large buffer.
*   Trick is to avoid fragmenting Linux, due to need for a lot of large
*     buffers. This is done by 2 things:
```

```
*       1) skb->destructor / skb->atm.recycle_buffer
*            combined, allow nicstar_free_rx_skb to be called to
*            recycle large data buffers
*       2) skb_clone of received buffers
*   See nicstar_free_rx_skb and linearize_buffer for implementation
*    details.
*
*
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*
* M. Welsh, 6 July 1996
*
*
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{

```
 return (strcmp(license, "GPL") == 0
  || strcmp(license, "GPL v2") == 0
  || strcmp(license, "GPL and additional rights") == 0
  || strcmp(license, "Dual BSD/GPL") == 0
  || strcmp(license, "Dual MIT/GPL") == 0
  || strcmp(license, "Dual MPL/GPL") == 0);
}

#endif
```

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*

```
*   Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather
 lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
*   IDT always receives data into a small buffer, then large buffers
*     as needed. This means that data must always be copied to create
*     the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
*     Fix is simple: make large buffers large enough to hold entire
*     SDU, and leave <small_buffer_data> bytes empty at the start. Then
*     copy small buffer contents to head of large buffer.
*   Trick is to avoid fragmenting Linux, due to need for a lot of large
*     buffers. This is done by 2 things:
*       1) skb->destructor / skb->atm.recycle_buffer
*            combined, allow nicstar_free_rx_skb to be called to
*            recycle large data buffers
*       2) skb_clone of received buffers
*   See nicstar_free_rx_skb and linearize_buffer for implementation
*     details.
*
*
*
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*
* M. Welsh, 6 July 1996
*
```

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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
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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.

@item
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@item
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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@end enumerate

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