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/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

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1.5 mosquitto 2.0.15

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1.6 util-linux 2.36.1

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1.7 mtd-utils 1.5.2

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1.10 expat 2.4.7

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1.11 python-setuptools 8.8.0

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This package was debianized by Matthias Klose <m@klose.in-berlin.de> on Tue, 14 Dec 2004 12:45:14 +0100.

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

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

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Release	Deriv	ed Yea	ır Own	er GPL-
from		CO	ompatible?	(1)
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1.3 thru 1	.5.2 1.2	1995	-1999 CN	NRI yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.	com no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6	.1 2001	PSF	no
2.0.1	2.0+1.6	5.1 2001	PSF	yes
2.1.1	2.1+2.0	0.1 2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
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2.3	2.2.2	2002-20	003 PSF	yes

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1.12 linux-kernel 5.15.92.1

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1.13 libxml2 2.10.2

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1.14 libiio 0.21

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/*

* libiio - AD9371 IIO streaming example

*

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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.

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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
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```
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  Samuel Martin
                        12
  Rmi Lefvre
                      12
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| SrikanthPagadarai
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                        4
 Jeremy Trimble
                         4
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                         2
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| Julien Malik
                       2
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                       2
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| Morten Fyhn Amundsen |
  Johnny Vestergaard |
| Gwendal Grignou
| 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
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sensirion.com | 18
| mindspring.com | 16
| heimpold.de
               | 12
| ufmg.br
             | 9
| baylibre.com
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| sierrawireless.com | 4
| azuresummit.com | 4
| google.com
               | 3
| paraiso.me
               | 2
| kippendief.biz | 2
             | 2
| iabg.de
```

```
| 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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1.15 keyutils 1.5.9

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1.16 rsyslog 8.2208.0

1.16.1 Available under license:

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Theodore Ts'o
23-June-2007

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Comment:

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# 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
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uninstall-shlibs uninstall::

\$(RM) -f \$(DESTDIR)\$(BSDLIB_INSTALL_DIR)/\$(BSD_LIB)

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\$(RM) -rf pic

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1.18 cjson 1.7.14

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1.19 ipmi-tool 1.8.18

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1.20 readline 4.4

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1.27 safeclib 4.0.37

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1.28 net-snmp 5.8

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1.33 parted 3.2

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1.45 u-boot 2019.04

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1.50 open-ldap 2.4.50

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1.56 zlib 1.2.8

1.56.1 Available under license:

/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

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1.57 libssh 0.9.6

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1.58 tcpdump 4.99.1

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```
# -*- 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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```

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1.59 libffi 3.4.2

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1.60 pam 1.2.1

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1.61 libpcap 1.10.1

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1.63 glibc 2.29

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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.

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

We call this license the @dfn{Lesser} General Public License because it does @emph{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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The modified work must itself be a software library.

@item

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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You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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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.)

@end enumerate

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.

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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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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.

@item

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a ``work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a ``work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a ``work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a `work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

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

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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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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.)

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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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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.

@item

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.

@item

Verify that the user has already received a copy of these materials or that you have already sent this user a copy. @end enumerate

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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.

@item

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. @end enumerate

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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

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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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(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,

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

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

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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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.

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@c Local Variables:@c ispell-local-pdict: "ispell-dict"@c End:
```

1.64 libtomcrypt 1.17

1.64.1 Available under license:

```
# /*
# * SHA-512
# * Implementation derived from LibTomCrypt (Tom St Denis)
# *
# * LibTomCrypt is a library that provides various cryptographic
# * algorithms in a highly modular and flexible manner.
# *
# * The library is free for all purposes without any express
# * guarantee it works.
# *
# * Tom St Denis, tomstdenis@gmail.com, http://libtomcrypt.org
# */
```

1.65 libconfig 1.5

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Version 2.1, February 1999

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

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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<one line to give the library's name and a brief idea of what it does.>
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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:

Yoyodyne, Inc., hereby disclaims all copyright interest in 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!

@c \input texinfo.tex @c -*-texinfo-*@c

@c %**start of header

@c All text is ignored before the setfilename.
@setfilename LGPL.info

@center GNU LESSER GENERAL PUBLIC LICENSE @center Version 2.1, February 1999

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@sp 1@center Preamble@sp 1

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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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Lesser General Public License (also called ``this License"). Each licensee is addressed as ``you".

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 copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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.

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You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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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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You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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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.)

@end enumerate

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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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.

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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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A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a ``work that uses the Library''. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a ``work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains

portions of the Library), rather than a ``work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a ``work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

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

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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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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.)

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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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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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If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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

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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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```

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library `Frob' (a library for tweaking knobs) written by James Random Hacker.
<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
}
@end format
That's all there is to it!
@c @bye
```

1.66 lvm2 2.2.03.15

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Version 2.1, February 1999

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- 4. [4] Viraj Bais <vbais@mailman1.intel.com> and [5] Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
- 5. [6]Michael Barone <michael,barone@lmco.com> GPSVME fixes
- 6. [7] Karl Berry < karl@owl.HQ.ileaf.com> syslog to file option
- 7. [8]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recybuf and iosignal code into separate modules.
- 8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
- 9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
- 10. [11]Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features in sntp

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- 43. [47]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
- 44. [48]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
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- 46. [50] Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
- 47. [51] Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
- 48. [52]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
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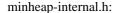
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1.70 zlib 1.2.12

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* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.12, March 11th, 2022

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The data format used by the zlib library is described by RFCs (Request for 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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1.72 json-c 0.99.8

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1.73 sysstat 12.2.1

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1.75 safestring 3.0.1

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/*

SafeString to Number conversion

Examples of SafeString to Number conversions and comparing these to the results from String methods

by Matthew Ford

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```
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master/examples/SafeString_Tests/SafeStringToNum/SafeStringToNum.ino
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master/examples/SafeString\_Tests/SafeStringLengthTrim/SafeStringLengthTrim.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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*/opt/cola/permits/1758012475_1690997483.0857284/0/safestring-master-zip/SafeString-
master/examples/SafeStringReader_flushInput/SafeStringReader_flushInput.ino
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Appending to SafeStrings using print()/println()
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master/examples/SafeString Tests/SafeStringPrint/SafeStringPrint.ino
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SafeString replace()
Examples of SafeString replace for chars and strings
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master/examples/SafeString_Tests/SafeStringReplace/SafeStringReplace.ino
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Examples of SafeString remove
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master/examples/SafeString_Tests/SafeStringRemove/SafeStringRemove.ino
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SafeString substring()

Examples of SafeString substring

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/*

Fixed 9 Formatting of double/float/long/ing

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master/examples/SafeString_Tests/SafeString_fixedWidthFormat/SafeString_fixedWidthFormat.ino
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SafeString from char[] constructor
Examples of how to create SafeStrings from an existing char[]
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examples
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*/
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*/opt/cola/permits/1758012475_1690997483.0857284/0/safestring-master-zip/SafeString-
master/examples/SafeString_Tests/SafeStringFromCharArray/SafeStringFromCharArray.ino
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*/
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master/examples/SafeString_Tests/SafeStringIndexOf/SafeStringIndexOf.ino
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master/examples/SafeString_Tests/SafeStringCaseChanges/SafeStringCaseChanges.ino
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Examples of how to compare SafeStrings using the comparison operators
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master/examples/SafeString\_Tests/SafeStringComparisonOperators/SafeStringComparisonOperators.ino\\
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/* SafeStringInClasses_1.ino
 Example of using SafeString for Class char[]s
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download and install the SafeString library from Arduino library manager
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* /opt/cola/permits/1758012475_1690997483.0857284/0/safestring-master-zip/SafeString-
master/examples/SafeStringsInClasses_1/SafeStringsInClasses_1.ino
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SafeStringReader_GPS.ino
```

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

by Matthew Ford

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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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/*

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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master/examples/loopTimer\_BlinkDelay/LoopTimer\_BlinkDelay.ino
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sfStream.ino
SafeStringStream Unit test
Example of using SafeStringStream
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master/examples/SafeStringStream_Tests/sfStream/sfStream.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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*/
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* /opt/cola/permits/1758012475_1690997483.0857284/0/safestring-master-zip/SafeString-
```

master/examples/SafeString_Tests/SafeStringCharacters/SafeStringCharacters.ino

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WString.h - String library for Wiring & Arduino

...mostly rewritten by Paul Stoffregen...

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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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Example of using SafeString for working with char[][xx]

by Matthew Ford

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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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master/examples/SafeString\_Tests/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAndConcatOperator/SafeStringAssignmentAssignmentAndConcatOperator/SafeStringAssignmentAssig
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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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/*

Tokenizing SafeStrings and converting to numbers

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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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1.76 tftp-hpa 0.48

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1.77 libey 4.25

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1.78 pcre 8.44

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1.79 iproute 5.16.0

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Found in path(s):
*/opt/cola/permits/1750736838_1690138715.2074077/0/mmc-utils-1-0-tar-gz/mmc-utils-1.0/mmc_cmds.h
*/opt/cola/permits/1750736838_1690138715.2074077/0/mmc-utils-1-0-tar-gz/mmc-utils-1.0/mmc.h
*/opt/cola/permits/1750736838 1690138715.2074077/0/mmc-utils-1-0-tar-gz/mmc-utils-1.0/mmc cmds.c
No license file was found, but licenses were detected in source scan.
* HMAC-SHA-224/256/384/512 implementation
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* Issue date: 06/15/2005
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```
1.0/3rdparty/hmac sha/hmac sha2.h
* /opt/cola/permits/1750736838_1690138715.2074077/0/mmc-utils-1-0-tar-gz/mmc-utils-
1.0/3rdparty/hmac_sha/hmac_sha2.c
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/*

- * FIPS 180-2 SHA-224/256/384/512 implementation
- * Last update: 02/02/2007
- * Issue date: 04/30/2005

*

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1.0/3rdparty/hmac_sha/sha2.c

* /opt/cola/permits/1750736838_1690138715.2074077/0/mmc-utils-1-0-tar-gz/mmc-utils-

1.0/3rdparty/hmac_sha/sha2.h

1.83 ipmiutil 1.8.18

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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/

Upstream-Name: ipmiutil

Upstream-Contact: Andy Cress <arcress at users.sourceforge.net>

Source: http://ipmiutil.sourceforge.net

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http://www.openssl.org/source/openssl-0.9.8x.tar.gz

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1.84 tpm2-tss-tcti 3.1.0

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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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Release	Derive	ed Ye	ear	Owner	: GPL	
f			compa	atible? (1)		
0.9.0 thru	1.2	1991	-1995	CWI	yes	
1.3 thru 1.5	5.2 1.2	199	5-1999	CNR	I yes	
1.6	1.5.2	2000	CN	RI	no	
2.0	1.6	2000	BeO	pen.co	om no	
1.6.1	1.6	2001	CN	RI	yes (2)	

2.1	2.0+1.6	.1 2001	PSF	no	
2.0.1	2.0+1.6	5.1 2001	PSF	yes	
2.1.1	2.1+2.0	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 ab	ove 2.1.	.1 2001	l-now I	PSF	yes

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1.88 dosfs-tools 4.1

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files in the program, then also delete it here.
```

/*

* integritysetup - setup integrity protected volumes for dm-integrity

Ψ.

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1.94 openssh 8.8

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* @version 3.0 (December 2000)

* Optimised ANSI C code for the Rijndael cipher (now AES)

- * @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
- * @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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