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1.6 pciutils 3.6.2-r0

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1.7 glibc 2.28

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/* setjmp is implemented in setjmp.S */

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1.11 lua 5.3.3

1.11.1 Available under license :

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* /opt/cola/permits/1125786469_1612157864.01/0/lua-lua-v5-3-3-0-gaa66ca7-1-tar-gz/lua-lua-aa66ca7/lua.h

1.12 perl 5.24.4 1.12.1 Available under license :

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Julian Seward, jseward@bzip.org bzip2/libbzip2 version 1.0.6 of 6 September 2010

_____ abstract: 'Build and install Perl modules' author: - 'Ken Williams <kwilliams@cpan.org>' - "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <modulebuild@perl.org>." build_requires: File::Temp: 0.15 Test::Harness: 3.16 Test::More: 0.49 generated_by: 'Module::Build version 0.3608' license: gpl meta-spec: url: http://module-build.sourceforge.net/META-spec-v1.4.html version: 1.4 name: Module-Build resources: MailingList: mailto:module-build@perl.org license: http://dev.perl.org/licenses/ repository: http://github.com/dagolden/module-build/ version: 3

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The End #!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

```
use strict;
use Config;
BEGIN { require './test.pl' }
if ( $Config{usecrosscompile} ) {
skip_all( "Not all files are available during cross-compilation" );
}
my (\$opt) = @ARGV;
my $readme_year = readme_year();
my $v_year = v_year();
# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
my current_year = (gmtime)[5] + 1900;
is $v_year, $current_year, 'perl -v copyright includes current year';
is $readme_year, $current_year, 'README copyright includes current year';
}
# Otherwise simply check that the two copyright dates match each other:
else
{
is $readme_year, $v_year, 'README and perl -v copyright dates match';
}
done_testing;
sub readme_year
# returns the latest copyright year from the top-level README file
{
open my $readme, '<', '../README' or die "Opening README failed: $!";
# The copyright message is the first paragraph:
local / = ";
my $copyright_msg = <$readme>;
```

```
my ($year) = $copyright_msg =~ /.*\b(\d{4,})/s
or die "Year not found in README copyright message '$copyright_msg'";
$year;
```

}

```
sub v_year
# returns the latest copyright year shown in perl -v
{
```

```
my $output = runperl switches => ['-v'];
my ($year) = $output =~ /copyright 1987.*\b(\d{4,})/i
or die "Copyright statement not found in perl -v output '$output'";
```

\$year; }

1.13 sg3-utils 1.42

1.13.1 Available under license :

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1.14 e2fsprogs 1.44.3

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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) This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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```
--- 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
- -
- Copyright (C) Andrew Tridgell 2005
- + Copyright (C) Andrew Tridgell 1999-2005
- + Copyright (C) Jeremy Allison 2000-2006
- + Copyright (C) Paul `Rusty' Russell 2000

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Theodore Ts'o 23-June-2007

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That's all there is to it!

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

http://sourceforge.net/projects/e2fsprogs

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of: tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Gadi Oxman, August 1995

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

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

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

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

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

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a

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You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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

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

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

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1.20 file 5.34

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-*-makefile-*-

BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)## Copyright (c) 1999-2009, International Business Machines Corporation and## others. All Rights Reserved.

Commands to generate dependency files GEN_DEPS.c= \$(CC) -E -MM \$(DEFS) \$(CPPFLAGS) GEN_DEPS.cc= \$(CXX) -E -MM \$(DEFS) \$(CPPFLAGS)

Flags for position independent code SHAREDLIBCFLAGS = -fPIC SHAREDLIBCXXFLAGS = -fPIC SHAREDLIBCPPFLAGS = -DPIC

Additional flags when building libraries and with threads THREADSCPPFLAGS = -D_REENTRANT LIBCPPFLAGS =

Compiler switch to embed a runtime search path LD_RPATH= LD_RPATH_PRE= -Wl,-rpath,

Compiler switch to embed a library name LD_SONAME = -Wl,-soname -Wl,\$(notdir \$(MIDDLE_SO_TARGET))

Shared library options LD_SOOPTIONS= -Wl,-Bsymbolic

Shared object suffix SO = so ## Non-shared intermediate object suffix
STATIC_O = ao

Compilation rules
%.\$(STATIC_O): \$(srcdir)/%.c
\$(COMPILE.c) \$(STATICCPPFLAGS) \$(STATICCFLAGS) -o \$@ \$<
%.o: \$(srcdir)/%.c
\$(COMPILE.c) \$(DYNAMICCPPFLAGS) \$(DYNAMICCFLAGS) -o \$@ \$<</pre>

%.\$(STATIC_O): \$(srcdir)/%.cpp
\$(COMPILE.cc) \$(STATICCPPFLAGS) \$(STATICCXXFLAGS) -o \$@ \$<
%.o: \$(srcdir)/%.cpp
\$(COMPILE.cc) \$(DYNAMICCPPFLAGS) \$(DYNAMICCXXFLAGS) -o \$@ \$<</pre>

Dependency rules %.d: \$(srcdir)/%.c @echo "generating dependency information for \$<" @\$(SHELL) -ec '\$(GEN_DEPS.c) \$< \ | sed '\"s/\(\$*\)\.o[:]*/\1.o \$@ : /g'\" > \$@; \ [-s \$@] || rm -f \$@'

%.d: \$(srcdir)/%.cpp @echo "generating dependency information for \$<" @\$(SHELL) -ec '\$(GEN_DEPS.cc) \$< \ | sed '\"s/\(\$*\)\.o[:]*/\1.o \$@ : /g'\" > \$@; \ [-s \$@] || rm -f \$@'

Versioned libraries rules

%.\$(SO).\$(SO_TARGET_VERSION_MAJOR): %.\$(SO).\$(SO_TARGET_VERSION) \$(RM) \$@ && ln -s \${<F} \$@ %.\$(SO): %.\$(SO).\$(SO_TARGET_VERSION_MAJOR) \$(RM) \$@ && ln -s \${*F}.\$(SO).\$(SO_TARGET_VERSION) \$@

End FreeBSD-specific setup

1.21 grub2 1.2

1.21.1 Available under license :

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An interactive user interface displays "Appropriate Legal Notices"

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1.22 kerberos 1.16.1

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lib/libgss/g_glue.c lib/libgss/g_imp_name.c lib/libgss/g_imp_sec_context.c lib/libgss/g_init_sec_context.c lib/libgss/g_initialize.c lib/libgss/g_inquire_context.c lib/libgss/g inquire cred.c lib/libgss/g_inquire_names.c lib/libgss/g_process_context.c lib/libgss/g rel buffer.c lib/libgss/g_rel_cred.c lib/libgss/g_rel_name.c lib/libgss/g_rel_oid_set.c lib/libgss/g_seal.c lib/libgss/g_sign.c lib/libgss/g_store_cred.c lib/libgss/g_unseal.c lib/libgss/g userok.c lib/libgss/g_utils.c lib/libgss/g_verify.c lib/libgss/gssd pname to uid.c uts/common/gssapi/include/gssapi_err_generic.h uts/common/gssapi/include/mechglueP.h

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et lib/gssapi/mechglue/g_accept_sec_context.c lib/gssapi/mechglue/g_acquire_cred.c lib/gssapi/mechglue/g_canon_name.c lib/gssapi/mechglue/g_compare_name.c lib/gssapi/mechglue/g_context_time.c lib/gssapi/mechglue/g_delete_sec_context.c lib/gssapi/mechglue/g_dsp_name.c lib/gssapi/mechglue/g_dsp_status.c lib/gssapi/mechglue/g_dup_name.c lib/gssapi/mechglue/g_exp_sec_context.c lib/gssapi/mechglue/g_export_name.c lib/gssapi/mechglue/g_glue.c lib/gssapi/mechglue/g_imp_name.c lib/gssapi/mechglue/g_imp_sec_context.c lib/gssapi/mechglue/g_init_sec_context.c

lib/gssapi/mechglue/g_initialize.c lib/gssapi/mechglue/g_inquire_context.c lib/gssapi/mechglue/g_inquire_cred.c lib/gssapi/mechglue/g_inquire_names.c lib/gssapi/mechglue/g_process_context.c lib/gssapi/mechglue/g_rel_buffer.c lib/gssapi/mechglue/g rel cred.c lib/gssapi/mechglue/g_rel_name.c lib/gssapi/mechglue/g_rel_oid_set.c lib/gssapi/mechglue/g seal.c lib/gssapi/mechglue/g_sign.c lib/gssapi/mechglue/g_store_cred.c lib/gssapi/mechglue/g_unseal.c lib/gssapi/mechglue/g_userok.c lib/gssapi/mechglue/g_utils.c lib/gssapi/mechglue/g_verify.c lib/gssapi/mechglue/gssd_pname_to_uid.c lib/gssapi/mechglue/mglueP.h lib/gssapi/mechglue/oid_ops.c lib/gssapi/spnego/gssapiP_spnego.h lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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1.28 ncurses 6.1

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-- \$Id: COPYING,v 1.6 2018/01/01 12:00:00 tom Exp \$
Upstream source https://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.

Current neurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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1.29 diffutils 2.16

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1.30 gnutls 3.6.4

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Mesa 3-D graphics library Version: 7.0

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1.36 sqlite 3.23.1

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1.37 libxcursor 1_1.1.15-r0

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1.38 fcgi 2.4.0-25.e17

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1.39 tdb 1.4.3

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1.40 efibootmgr 0.16

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

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

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

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Release Derived Year Owner GPLfrom compatible? (1)

| 0.9.0 thru 1.2 | | 1991-1 | 1995 CW | I yes |
|--------------------|---------|-----------|---------|---------|
| 1.3 thru 1.5.2 1.2 | | 1995-1999 | | 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 |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
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src/gzip/zlib.h
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src/gzip/zutil.h
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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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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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

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

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

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the 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.

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1.47 newt 0.4.2

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

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

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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

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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.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.) These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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

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

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

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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1.52 rsync 3.1.3

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1.53 libpcap 1.9.0 3.el8

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1.54 zlib 1.2.5

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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://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format). */

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The End

1.56 diffutils 3.6

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1.57 libx11 1.6.6-r0

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1.64 dmidecode 3.5

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1.65 gtk 3.22.30

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1.66 libffi 3.2.1

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1.67 libxext 1_1.3.3-r0

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1.68 libxcb 1.13

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1.69 libconfig 1.4.9-5.el7

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

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

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

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

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

The precise terms and conditions for copying, distribution and

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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.

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library. In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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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.

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.

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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

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@sp 1 @center Preamble @sp 1

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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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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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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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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.

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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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1.71 pango 1.42.4

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1.72 libinput 1.11.3

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1.73 sqlite 3.8.0

1.73.1 Available under license :

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2001 September 15 # # The author disclaims copyright to this source code. In place of # a legal notice, here is a blessing: # # May you do good and not evil. # May you find forgiveness for yourself and forgive others. # May you share freely, never taking more than you give. # # This file implements regression tests for SQLite library. The # focus of this file is testing built-in functions. # # \$Id: func.test,v 1.16.2.2 2004/07/18 21:14:05 drh Exp \$ set testdir [file dirname \$argv0] source \$testdir/tester.tcl # Create a table to work with. # do_test func-0.0 { execsql {CREATE TABLE tbl1(t1 text)} foreach word {this program is free software} { execsql "INSERT INTO tbl1 VALUES('\$word')" } execsql {SELECT t1 FROM tbl1 ORDER BY t1} } {free is program software this} do_test func-0.1 { execsql { CREATE TABLE t2(a);

```
INSERT INTO t2 VALUES(1);
  INSERT INTO t2 VALUES(NULL);
  INSERT INTO t2 VALUES(345);
  INSERT INTO t2 VALUES(NULL);
  INSERT INTO t2 VALUES(67890);
  SELECT * FROM t2;
}
} {1 {} 345 {} 67890}
# Check out the length() function
#
do_test func-1.0 {
execsql {SELECT length(t1) FROM tbl1 ORDER BY t1}
} {4 2 7 8 4}
do_test func-1.1 {
set r [catch {execsql {SELECT length(*) FROM tbl1 ORDER BY t1}} msg]
lappend r $msg
} {1 {wrong number of arguments to function length()}}
do_test func-1.2 {
set r [catch {execsql {SELECT length(t1,5) FROM tbl1 ORDER BY t1}} msg]
lappend r $msg
} {1 {wrong number of arguments to function length()}}
do_test func-1.3 {
execsql {SELECT length(t1), count(*) FROM tbl1 GROUP BY length(t1)
     ORDER BY length(t1)}
\{21427181\}
do test func-1.4 {
execsql {SELECT coalesce(length(a),-1) FROM t2}
} {1 -1 3 -1 5}
# Check out the substr() function
#
do_test func-2.0 {
execsql {SELECT substr(t1,1,2) FROM tbl1 ORDER BY t1}
} {fr is pr so th}
do_test func-2.1 {
execsql {SELECT substr(t1,2,1) FROM tbl1 ORDER BY t1}
\{r s r o h\}
do_test func-2.2 {
execsql {SELECT substr(t1,3,3) FROM tbl1 ORDER BY t1}
} {ee {} ogr ftw is}
do_test func-2.3 {
execsql {SELECT substr(t1,-1,1) FROM tbl1 ORDER BY t1}
} {e s m e s}
do_test func-2.4 {
execsql {SELECT substr(t1,-1,2) FROM tbl1 ORDER BY t1}
\{e s m e s\}
do_test func-2.5 {
```

```
execsql {SELECT substr(t1,-2,1) FROM tbl1 ORDER BY t1}
} {eiari}
do_test func-2.6 {
execsql {SELECT substr(t1,-2,2) FROM tbl1 ORDER BY t1}
} {ee is am re is}
do_test func-2.7 {
execsql {SELECT substr(t1,-4,2) FROM tbl1 ORDER BY t1}
\{ fr \{ \} gr wa th \}
do_test func-2.8 {
execsql {SELECT t1 FROM tbl1 ORDER BY substr(t1,2,20)}
} {this software free program is}
do_test func-2.9 {
execsql {SELECT substr(a,1,1) FROM t2}
\{1\{\}3\{\}6\}
do_test func-2.10 {
execsql {SELECT substr(a,2,2) FROM t2}
} {{} {} {} 45 {} 78}
# Only do the following tests if TCL has UTF-8 capabilities and
# the UTF-8 encoding is turned on in the SQLite library.
#
if {[sqlite -encoding]=="UTF-8" && "\u1234"!="u1234"} {
# Put some UTF-8 characters in the database
#
do test func-3.0 {
execsql {DELETE FROM tbl1}
foreach word "contains UTF-8 characters hi\u1234ho" {
 execsql "INSERT INTO tbl1 VALUES('$word')"
}
execsql {SELECT t1 FROM tbl1 ORDER BY t1}
} "UTF-8 characters contains hi\u1234ho"
do test func-3.1 {
execsql {SELECT length(t1) FROM tbl1 ORDER BY t1}
} {5 10 8 5}
do_test func-3.2 {
execsql {SELECT substr(t1,1,2) FROM tbl1 ORDER BY t1}
} {UT ch co hi}
do_test func-3.3 {
execsql {SELECT substr(t1,1,3) FROM tbl1 ORDER BY t1}
} "UTF cha con hi\u1234"
do_test func-3.4 {
execsql {SELECT substr(t1,2,2) FROM tbl1 ORDER BY t1}
} "TF ha on i\u1234"
do_test func-3.5 {
execsql {SELECT substr(t1,2,3) FROM tbl1 ORDER BY t1}
} "TF- har ont i\u1234h"
do_test func-3.6 {
```

```
execsql {SELECT substr(t1,3,2) FROM tbl1 ORDER BY t1}
} "F- ar nt \u1234h"
do_test func-3.7 {
execsql {SELECT substr(t1,4,2) FROM tbl1 ORDER BY t1}
} "-8 ra ta ho"
do_test func-3.8 {
execsql {SELECT substr(t1,-1,1) FROM tbl1 ORDER BY t1}
} "8 s s o"
do_test func-3.9 {
execsql {SELECT substr(t1,-3,2) FROM tbl1 ORDER BY t1}
} "F- er in \u1234h"
do_test func-3.10 {
execsql {SELECT substr(t1,-4,3) FROM tbl1 ORDER BY t1}
} "TF- ter ain i\u1234h"
do_test func-3.99 {
execsql {DELETE FROM tbl1}
foreach word {this program is free software} {
 execsql "INSERT INTO tbl1 VALUES('$word')"
}
execsql {SELECT t1 FROM tbl1}
} {this program is free software}
} ;# End [sqlite -encoding]==UTF-8 and \u1234!=u1234
# Test the abs() and round() functions.
#
do_test func-4.1 {
execsql {
 CREATE TABLE t1(a,b,c);
 INSERT INTO t1 VALUES(1,2,3);
 INSERT INTO t1 VALUES(2,1.2345678901234,-12345.67890);
 INSERT INTO t1 VALUES(3,-2,-5);
}
catchsql {SELECT abs(a,b) FROM t1}
} {1 {wrong number of arguments to function abs()}}
do_test func-4.2 {
catchsql {SELECT abs() FROM t1}
} {1 {wrong number of arguments to function abs()}}
do_test func-4.3 {
catchsql {SELECT abs(b) FROM t1 ORDER BY a}
} {0 {2 1.2345678901234 2}}
do_test func-4.4 {
catchsql {SELECT abs(c) FROM t1 ORDER BY a}
} {0 {3 12345.67890 5}}
do_test func-4.4.1 {
execsql {SELECT abs(a) FROM t2}
} {1 {} 345 {} 67890}
do_test func-4.4.2 {
```

execsql {SELECT abs(t1) FROM tbl1}
} {this program is free software}

```
do_test func-4.5 {
catchsql {SELECT round(a,b,c) FROM t1}
} {1 {wrong number of arguments to function round()}}
do test func-4.6 {
catchsql {SELECT round(b,2) FROM t1 ORDER BY b}
\{0\{-2.00\ 1.23\ 2.00\}\}
do test func-4.7 {
catchsql {SELECT round(b,0) FROM t1 ORDER BY a}
\{0\{21-2\}\}
do test func-4.8 {
catchsql {SELECT round(c) FROM t1 ORDER BY a}
\{0 \{3 - 12346 - 5\}\}
do_test func-4.9 {
catchsql {SELECT round(c,a) FROM t1 ORDER BY a}
} {0 {3.0 - 12345.68 - 5.000}}
do_test func-4.10 {
catchsql {SELECT 'x' || round(c,a) || 'y' FROM t1 ORDER BY a}
\{0 \{x3.0y x-12345.68y x-5.000y\}\}
do_test func-4.11 {
catchsql {SELECT round() FROM t1 ORDER BY a}
} {1 {wrong number of arguments to function round()}}
do_test func-4.12 {
execsql {SELECT coalesce(round(a,2),'nil') FROM t2}
} {1.00 nil 345.00 nil 67890.00}
do_test func-4.13 {
execsql {SELECT round(t1,2) FROM tbl1}
} {0.00 0.00 0.00 0.00 0.00}
# Test the upper() and lower() functions
#
do test func-5.1 {
execsql {SELECT upper(t1) FROM tbl1}
} {THIS PROGRAM IS FREE SOFTWARE}
do_test func-5.2 {
execsql {SELECT lower(upper(t1)) FROM tbl1}
} {this program is free software}
do_test func-5.3 {
execsql {SELECT upper(a), lower(a) FROM t2}
} {1 1 {} {} 345 345 {} {} 67890 67890}
do_test func-5.4 {
catchsql {SELECT upper(a,5) FROM t2}
} {1 {wrong number of arguments to function upper()}}
do_test func-5.5 {
catchsql {SELECT upper(*) FROM t2}
} {1 {wrong number of arguments to function upper()}}
```

```
# Test the coalesce() and nullif() functions
#
do_test func-6.1 {
execsql {SELECT coalesce(a,'xyz') FROM t2}
} {1 xyz 345 xyz 67890}
do test func-6.2 {
execsql {SELECT coalesce(upper(a),'nil') FROM t2}
} {1 nil 345 nil 67890}
do test func-6.3 {
execsql {SELECT coalesce(nullif(1,1),'nil')}
} {nil}
do_test func-6.4 {
execsql {SELECT coalesce(nullif(1,2),'nil')}
} {1}
do_test func-6.5 {
execsql {SELECT coalesce(nullif(1,NULL),'nil')}
} {1}
# Test the last insert rowid() function
#
do_test func-7.1 {
execsql {SELECT last_insert_rowid()}
} [db last_insert_rowid]
# Tests for aggregate functions and how they handle NULLs.
#
do_test func-8.1 {
execsql {
 SELECT sum(a), count(a), round(avg(a),2), min(a), max(a), count(*) FROM t2;
}
} {68236 3 22745.33 1 67890 5}
do_test func-8.2 {
execsql {
 SELECT max('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t2;
}
{ {z+67890abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP}
do_test func-8.3 {
execsql {
 CREATE TEMP TABLE t3 AS SELECT a FROM t2 ORDER BY a DESC;
 SELECT min('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t3;
}
} {z+1abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP}
do_test func-8.4 {
execsql {
 SELECT max('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t3;
}
```

} {z+67890abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP}

```
# How do you test the random() function in a meaningful, deterministic way?
#
do_test func-9.1 {
execsql {
 SELECT random() is not null;
}
} {1}
# Use the "sqlite_register_test_function" TCL command which is part of
# the text fixture in order to verify correct operation of some of
# the user-defined SQL function APIs that are not used by the built-in
# functions.
#
db close
set ::DB [sqlite db test.db]
sqlite_register_test_function $::DB testfunc
do_test func-10.1 {
catchsql {
 SELECT testfunc(NULL,NULL);
}
} {1 {first argument to test function may not be NULL}}
do_test func-10.2 {
execsql {
 SELECT testfunc(
  'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
  'int', 1234
 );
}
} {1234}
do_test func-10.3 {
execsql {
 SELECT testfunc(
  'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
  'string', NULL
 );
}
} {{}}
do_test func-10.4 {
execsql {
 SELECT testfunc(
  'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
  'double', 1.234
 );
}
} {1.234}
do_test func-10.5 {
```

execsql { SELECT testfunc('string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ', 'int', 1234, 'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ', 'string', NULL, 'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ', 'double', 1.234, 'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ', 'int'. 1234. 'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ', 'string', NULL, 'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ', 'double', 1.234); } } {1.234} # Test the built-in sqlite_version(*) SQL function. # do test func-11.1 { execsql { SELECT sqlite_version(*);

}

} [sqlite -version]

finish_test

Found in path(s):

* /opt/cola/permits/1028580763_1620120823.58/0/sqlite-2-8-17-orig-1-tar-gz/sqlite-2.8.17/test/func.test No license file was found, but licenses were detected in source scan.

/* The IncrKey opcode is only applied to keys generated by

** MakeKey or MakeIdxKey and the results of those operands

** are always dynamic strings or zShort[] strings. So we

** are always free to modify the string in place.

*/

Found in path(s):

* /opt/cola/permits/1028580763_1620120823.58/0/sqlite-2-8-17-orig-1-tar-gz/sqlite-2.8.17/src/vdbe.c No license file was found, but licenses were detected in source scan.

/*

* This code implements the MD5 message-digest algorithm.

* The algorithm is due to Ron Rivest. This code was

* written by Colin Plumb in 1993, no copyright is claimed.

* This code is in the public domain; do with it what you wish.

*

* Equivalent code is available from RSA Data Security, Inc.

* This code has been tested against that, and is equivalent,

* except that you don't need to include two pages of legalese

* with every copy.

*

* To compute the message digest of a chunk of bytes, declare an

* MD5Context structure, pass it to MD5Init, call MD5Update as

* needed on buffers full of bytes, and then call MD5Final, which

* will fill a supplied 16-byte array with the digest.

*/

Found in path(s):

* /opt/cola/permits/1028580763_1620120823.58/0/sqlite-2-8-17-orig-1-tar-gz/sqlite-2.8.17/src/md5.c No license file was found, but licenses were detected in source scan.

/*

** The "printf" code that follows dates from the 1980's. It is in ** the public domain. The original comments are included here for ** completeness. They are very out-of-date but might be useful as ** an historical reference. Most of the "enhancements" have been backed ** out so that the functionality is now the same as standard printf(). ** ************** ** ** The following modules is an enhanced replacement for the "printf" subroutines ** found in the standard C library. The following enhancements are ** supported: ** ** + Additional functions. The standard set of "printf" functions includes printf, fprintf, sprintf, vprintf, vfprintf, and ** vsprintf. This module adds the following: ** ** * snprintf -- Works like sprintf, but has an extra argument ** which is the size of the buffer written to. ** ** * mprintf -- Similar to sprintf. Writes output to memory ** ** obtained from malloc. ** ** * xprintf -- Calls a function to dispose of output. ** ** * nprintf -- No output, but returns the number of characters that would have been output by printf. ** ** ** * A v- version (ex: vsnprintf) of every function is also ** supplied. ** ** + A few extensions to the formatting notation are supported: **

| ** | * The "=" flag (similar to "-") causes the output to be |
|----|---|
| ** | be centered in the appropriately sized field. |
| ** | |
| ** | * The %b field outputs an integer in binary notation. |
| ** | |
| ** | * The %c field now accepts a precision. The character output |
| ** | is repeated by the number of times the precision specifies. |
| ** | |
| ** | * The %' field works like %c, but takes as its character the |
| ** | next character of the format string, instead of the next |
| ** | argument. For example, printf("%.78'-") prints 78 minus |
| ** | signs, the same as printf("%.78c",'-'). |
| ** | |
| ** | + When compiled using GCC on a SPARC, this version of printf is |
| ** | faster than the library printf for SUN OS 4.1. |
| ** | |
| ** | + All functions are fully reentrant. |
| ** | |
| */ | |

Found in path(s):

* /opt/cola/permits/1028580763_1620120823.58/0/sqlite-2-8-17-orig-1-tar-gz/sqlite-2.8.17/src/printf.c No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1028580763_1620120823.58/0/sqlite-2-8-17-orig-1-tar-gz/sqlite-2.8.17/www/faq.tcl No license file was found, but licenses were detected in source scan.

% define name sqlite % define version SQLITE_VERSION % define release 1

Name: % {name} Summary: SQLite is a C library that implements an embeddable SQL database engine Version: % {version} Release: % {release} Source: % {name}-% {version}.tar.gz Group: System/Libraries URL: http://www.hwaci.com/sw/sqlite/ License: Public Domain BuildRoot: % {_tmppath}/% {name}-% {version}-root

%description

SQLite is a C library that implements an embeddable SQL database engine. Programs that link with the SQLite library can have SQL database access without running a separate RDBMS process. The distribution comes with a standalone command-line access program (sqlite) that can be used to administer an SQLite database and which serves as an example of how to use the SQLite library.

%package -n % {name}-devel Summary: Header files and libraries for developing apps which will use sqlite Group: Development/C Requires: % {name} = % {version}-% {release}

%description -n % {name}-devel The sqlite-devel package contains the header files and libraries needed to develop programs that use the sqlite database library.

%prep %setup -q -n %{name}

%build CFLAGS="%optflags -DNDEBUG=1" CXXFLAGS="%optflags -DNDEBUG=1" ./configure --prefix=%{_prefix}

make make doc

%install install -d \$RPM_BUILD_ROOT/% {_prefix } install -d \$RPM_BUILD_ROOT/% {_prefix }/bin install -d \$RPM_BUILD_ROOT/% {_prefix }/lib make install prefix=\$RPM_BUILD_ROOT/% {_prefix }

%clean rm -fr \$RPM_BUILD_ROOT

%files %defattr(-, root, root) %{_libdir}/*.so* %{_bindir}/*

% files -n % {name}-devel % defattr(-, root, root) % {_libdir}/pkgconfig/sqlite.pc % {_libdir}/*.a % {_libdir}/*.la % {_includedir}/* % doc doc/*

Found in path(s):

 $* / opt/cola/permits/1028580763_1620120823.58 / 0/sqlite-2-8-17 - orig-1-tar-gz/sqlite-2.8.17 / spec.template$

1.74 libxslt 1.1.32

1.74.1 Available under license :

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<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

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1.77 xorg-server 1.20.1

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1.80 ezxml 0.8.6

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1.83 util-linux 2.32.1

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Written by:Philip HazelEmail local part:ph10Email domain:cam.ac.uk

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1.85 pcre 8.42

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1.87 libpng 1.6.37

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jloup@gzip.org madler@alumni.caltech.edu The following list of people, sorted by last name, have contributed code or patches to this implementation of sudo since I began maintaining it in 1993. This list is known to be incomplete--if you believe you should be listed, please send a note to sudo@sudo.ws.

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"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

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<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />

<meta name="author" content="Josh Coalson" />

<meta name="description" content="A free, open source codec for lossless audio compression and decompression" />

<meta name="keywords"

content="free,lossless,audio,codec,encoder,decoder,compression,compressor,archival,archive,archiving,backup,mus

ic" />

k rel="shortcut icon" type="image/x-icon" href="favicon.ico" /> k rel="stylesheet" type="text/css" href="flac.css" /> <title>FLAC - license</title> </head>

<body>

```
<div class="logo">
<a href="index.html"><img src="images/logo130.gif" alt="FLAC Logo" align="middle" border="0" hspace="0"
/></a>
</div>
```

<div class="above_nav"></div>

<div class="navbar">

 home | faq | documentation | developers | changelog | changelog | more </div>

<div class="below_nav"></div>

<div class="box">

<div class="box_title">

license

</div>

<div class="box_header"></div>

<div class="box_body">

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XHTML 1.0!" height="31" width="88" border="0" hspace="0" /></a>
 </div>
</body>
</html>
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1.90 glib 2.58.0

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> C++ Big Integer Library (see ChangeLog for version)

http://mattmccutchen.net/bigint/

Written and maintained by Matt McCutchen <matt@mattmccutchen.net>

You can use this library in a C++ program to do arithmetic on integers of size limited only by your computer's memory. The library provides BigUnsigned and BigInteger classes that represent nonnegative integers and signed integers, respectively. Most of the C++ arithmetic operators are overloaded for these classes, so big-integer calculations are as easy as:

#include "BigIntegerLibrary.hh"

BigInteger a = 65536; cout << (a * a * a);

(prints 340282366920938463463374607431768211456)

The code in `sample.cc' demonstrates the most important features of the library. To get started quickly, read the code and explanations in that file and run it. If you want more detail or a feature not shown in `sample.cc', consult the consult the actual header and source files, which are thoroughly commented.

This library emphasizes ease of use and clarity of implementation over speed; some users will prefer GMP (http://swox.com/gmp/), which is faster. The code is intended to be reasonably portable across computers and modern C++ compilers; in

particular, it uses whatever word size the computer provides (32-bit, 64-bit, or otherwise).

Compiling programs that use the library

The library consists of a folder full of C++ header files (`.hh') and source files (`.cc'). Your own programs should `#include' the necessary header files and link with the source files. A makefile that builds the sample program (`sample.cc') is included; you can adapt it to replace the sample with your own program.

Alternatively, you can use your own build system or IDE. In that case, you must put the library header files where the compiler will find them and arrange to have your program linked with the library source files; otherwise, you will get errors about missing header files or "undefined references". To learn how to do this, consult the documentation for the build system or IDE; don't bother asking me. Adding all the library files to your project will work in many IDEs but may not be the most desirable approach.

Resources

The library's Web site (above) provides links to released versions, the current development version, and a mailing list for release announcements, questions, bug reports, and other discussion of the library. I would be delighted to hear from you if you like this library and/or find a good use for it.

Bugs and enhancements

The library has been tested by me and others but is by no means bug-free. If you find a bug, please report it, whether it comes in the form of compiling trouble, a mathematically inaccurate result, or a memory-management blooper (since I use Java, these are altogether too common in my C++). I generally fix all reported bugs. You are also welcome to request enhancements, but I am unlikely to do substantial amounts of work on enhancements at this point.

Legal

I, Matt McCutchen, the sole author of the original Big Integer Library, waive my copyright to it, placing it in the public domain. The library comes with absolutely no warranty.

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1.103 sysv-init 2.88

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- * A rewrite of the original Debian's start-stop-daemon Perl script
- * in C (faster it is executed many times during system startup).
- *
- * Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.105 libxv 1.0.11-r0

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1.107 libevent 1.4.13

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1.108 selinux 2.5-11.el7

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Julian Seward, Cambridge, UK. jseward@acm.org bzip2/libbzip2 version 1.0.2 of 30 December 2001

/*

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usage: minibz2 [-d] [-{1,2,..9}] [[srcfilename] destfilename]

*/

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1.111 coreutils 8.30

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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1.113 gobject-introspection 1.58.0

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1.116 libxdmcp 1.1.2-r0

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1.117 libunistring 0.9.10

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1.119 zlib 1.2.11

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1.120 ipmiutil 1.8.18-r8

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1.122 re2 1.3

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Commands to generate dependency files
GEN_DEPS.c= \$(CC) -E -MM \$(DEFS) \$(CPPFLAGS)
GEN_DEPS.cc= \$(CXX) -E -MM \$(DEFS) \$(CPPFLAGS)

Flags for position independent code SHAREDLIBCFLAGS = -fPIC SHAREDLIBCXXFLAGS = -fPIC SHAREDLIBCPPFLAGS = -DPIC

Additional flags when building libraries and with threads THREADSCPPFLAGS = -D_REENTRANT LIBCPPFLAGS =

Compiler switch to embed a runtime search path LD_RPATH= LD_RPATH_PRE= -Wl,-rpath,

Compiler switch to embed a library name LD_SONAME = -Wl,-soname -Wl,\$(notdir \$(MIDDLE_SO_TARGET))

Shared library options LD_SOOPTIONS= -Wl,-Bsymbolic

Shared object suffix
SO = so
Non-shared intermediate object suffix
STATIC O = ao

Compilation rules %.\$(STATIC_O): \$(srcdir)/%.c \$(COMPILE.c) \$(STATICCPPFLAGS) \$(STATICCFLAGS) -o \$@ \$< %.o: \$(srcdir)/%.c \$(COMPILE.c) \$(DYNAMICCPPFLAGS) \$(DYNAMICCFLAGS) -o \$@ \$<</pre>

%.\$(STATIC_O): \$(srcdir)/%.cpp
\$(COMPILE.cc) \$(STATICCPPFLAGS) \$(STATICCXXFLAGS) -o \$@ \$<
%.o: \$(srcdir)/%.cpp
\$(COMPILE.cc) \$(DYNAMICCPPFLAGS) \$(DYNAMICCXXFLAGS) -o \$@ \$<</pre>

```
## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed '\"s/\($*\)\.o[ :]*/\1.0 $@ : /g'\" > $@; \
[ -s $@ ] || rm -f $@'
```

%.d: \$(srcdir)/%.cpp @echo "generating dependency information for \$<" @\$(SHELL) -ec '\$(GEN_DEPS.cc) \$< \ | sed '\"s/\(\$*\)\.o[:]*/\1.0 \$@ : /g'\" > \$@; \ [-s \$@] || rm -f \$@'

Versioned libraries rules

%.\$(SO).\$(SO_TARGET_VERSION_MAJOR): %.\$(SO).\$(SO_TARGET_VERSION) \$(RM) \$@ && ln -s \${<F} \$@ %.\$(SO): %.\$(SO).\$(SO_TARGET_VERSION_MAJOR) \$(RM) \$@ && ln -s \${*F}.\$(SO).\$(SO_TARGET_VERSION) \$@

Bind internal references

LDflags that pkgdata will use BIR_LDFLAGS= -Wl,-Bsymbolic

Dependencies [i.e. map files] for the final library BIR_DEPS=

Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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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).

1.132 zlib 1.2.3

1.132.1 Available under license :

/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.1.4, March 11th, 2002

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- /* match.s -- Pentium-optimized version of longest_match()
- * Written for zlib 1.1.2
- * Copyright (C) 1998 Brian Raiter <breadbox@muppetlabs.com>
- *
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```
*/
```

1.133 dosfs-tools 4.1

1.133.1 Available under license :

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1.134 libcap 1.9.0-3.el8

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