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```
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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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postgres 9.4.5, 12.0

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Common error description library 1.43.4

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Console bridge (library) 0.3.2

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Disk encryption support (shared library) 2:1.7.3

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Berkeley v5.3 Database Libraries [runtime] 5.3.28

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Simple interprocess messaging system (library) 1.10.26

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Linux Kernel Device Mapper userspace library 1.02.1

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Device-Mapper Software RAID support tool (shared library) 1.0.0rc16

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BSD editline and history libraries 3.1

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Library to read and write ELF files 0.168

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FreeType 2 font engine, shared library files 2.6.3

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LGPL Crypto library (runtime library) 1.7.6

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Library for common error values and messages in GnuPG components (development) 1.15

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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
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- lib/gssapi/mechglue/g_process_context.c
- lib/gssapi/mechglue/g_rel_buffer.c
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- 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
- slave/kpropd_rpc.c
- slave/kproplog.c

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57.1

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The packaging was taken over by Laszlo Boszormenyi (GCS) <gcs@debian.org> on Tue, 17 Mar 2015.

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Upstream-Name: XZ Utils

Upstream-Contact: Lasse Collin <lasse.collin@tukaani.org> <http://tukaani.org/xz/lists.html>

Source: <http://tukaani.org/xz> <http://git.tukaani.org/xz.git>

Comment:

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To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

[...]

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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,

David Mackenzie, Bruno Haible, and many others.

Origin: configure.ac from XZ Utils,

visibility.m4 serial 1 (gettext-0.15),

Autoconf 2.52g

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Origin: `gettext-runtime/po/Makevars (gettext-0.12)`

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It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>, David Engel <david@elo.ods.com>, Michael Alan Dorman <mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup <jjtroup@comp.brad.ac.uk>, J.H.M. Dassen (Ray) <jdassen@wi.LeidenUniv.nl>, and Galen Hazelwood <galenh@micron.net> over various years.

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Shared libraries for terminal handling (wide character support) 6.0

This is the Debian prepackaged version of the ncurses library and terminfo utilities. ncurses/terminfo was originally written by Pavel Curtis and Zeyd M. Ben-Halim <zmbenhal@netcom.com>, and is currently held by the Free Software Foundation.

This package was put together by Vaidhyanathan G Mayilrangam <vaidhy@debian.org> and Joel Klecker <espy@debian.org>, using sources obtained from <ftp://ftp.gnu.org/gnu/ncurses/ncurses-5.0.tar.gz>.

Current versions of the ncurses sources are found at <ftp://invisible-island.net/ncurses/>.

It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>, David Engel <david@elo.ods.com>, Michael Alan Dorman <mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup <jjtroup@comp.brad.ac.uk>, J.H.M. Dassen (Ray) <jdassen@wi.LeidenUniv.nl>, and Galen Hazelwood <galenh@micron.net> over various years.

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Low level cryptographic library (symmetric and one-way cryptos) 3.3

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Pluggable Authentication Modules library 1.1.8

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Development files for PAM 1.1.8

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Runtime support for the PAM library 1.1.8

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Old Perl 5 Compatible Regular Expression Library (runtime files) 2:8.39

This is Debian GNU/Linux's prepackaged version of the PCRE regular expression library and associated `pgrep` utility.

This package was put together by me, Mark Baker <mbaker@iee.org> from the original sources obtained from <ftp.csx.cam.ac.uk/pub/software/programming/pcre>.

PCRE LICENCE

PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

Release 7 of PCRE is distributed under the terms of the "BSD" licence, as specified below. The documentation for PCRE, supplied in the "doc" directory, is distributed under the same terms as the software itself.

The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions.

THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel

Email local part: ph10

Email domain: cam.ac.uk

University of Cambridge Computing Service,
Cambridge, England.

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End

PNG library (runtime) 1.6

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Library for accessing process information from proc 2:3.3.12

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GNU readline and history libraries, run-time libraries 7.0

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High level interface to Linux seccomp filter 2.3.1

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S-Lang programming library (runtime version) 2.3

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Smart column output alignment library 2.29.2

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Command-line interface parsing library

1.43.3

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Secure Sockets Layer toolkit (shared libraries) 1.1

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GNU Standard C++ Library v3 6.3

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Packaging is done by the Debian GCC Maintainers <debian-gcc@lists.debian.org>, with sources obtained from:

`ftp://gcc.gnu.org/pub/gcc/releases/` (for full releases)

`svn://gcc.gnu.org/svn/gcc/` (for prereleases)

<http://bitbucket.org/goshawk/gdc> (for D)

The current gcc-6 source package is taken from the SVN gcc-6-branch.

Changes: See [changelog.Debian.gz](#)

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

Language	Compiler package	Library package	Documentation

Ada	gnat-6	libgnat-6	gnat-6-doc
C	gcc-6		gcc-6-doc
C++	g++-6	libstdc++6	libstdc++6-6-doc
D	gdc-6		
Fortran 95	gfortran-6	libgfortran3	gfortran-6-doc
Go	gccgo-6	libgo0	
Java	gcj-6	libgcj10	libgcj-doc
Objective C	gobjc-6	libobjc2	
Objective C++	gobjc++-6		

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

Language	Sources	Development	Debugging	Position-Independent

C++			libstdc++6-6-dbg	libstdc++6-6-pic
D	libphobos-6-dev			
Java	libgcj10-src	libgcj10-dev	libgcj10-dbg	

Additional packages include:

All languages:

libgcc1, libgcc2, libgcc4	GCC intrinsics (platform-dependent)
gcc-6-base	Base files common to all compilers
gcc-6-soft-float	Software floating point (ARM only)
gcc-6-source	The sources with patches

Ada:

libgnatvsn-dev, libgnatvsn6	GNAT version library
libgnatprj-dev, libgnatprj6	GNAT Project Manager library

C:

cpp-6, cpp-6-doc	GNU C Preprocessor
libssp0-dev, libssp0	GCC stack smashing protection library
libquadmath0	Math routines for the __float128 type
fixincludes	Fix non-ANSI header files

Java:

gij	The Java bytecode interpreter and VM
libgcj-common	Common files for the Java run-time
libgcj10-awt	The Abstract Windowing Toolkit
libgcj10-jar	Java ARchive for the Java run-time

C, C++ and Fortran 95:

libgomp1-dev, libgomp1	GCC OpenMP (GOMP) support library
libitm1-dev, libitm1	GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-6 Ada support library and libgnatvsn library.
- Various config files in gcc/config/ used in runtime libraries.
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Written by Francois-Xavier Coudert <fxcoudert@gcc.gnu.org>

Written by Tobias Burnus <burnus@net-b.de>

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libquadmath/math:

atanq.c, expm1q.c, j0q.c, j1q.c, log1pq.c, logq.c:

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coshq.c, erfq.c, jnq.c, lgammaq.c, powq.c, roundq.c:

Changes for 128-bit __float128 are

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ldexpq.c:

Conversion to long double by Ulrich Drepper,

Cygnus Support, drepper@cygnus.com.

cosq_kernel.c, expq.c, sincos_table.c, sincosq.c, sincosq_kernel.c, sinq_kernel.c, truncq.c:

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isinfq.c:

Written by J.T. Conklin <jtc@netbsd.org>.

Change for long double by Jakub Jelinek <jj@ultra.linux.cz>

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llroundq.c, lroundq.c, tgammaq.c:

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log10q.c:

Cephes Math Library Release 2.2: January, 1991

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Adapted for glibc November, 2001

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libjava/classpath/resource/gnu/java/locale/*

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gcc/go/gofrontend, libgo:

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libcilkrts, libmpx:

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D:

```
gdc-6                                GNU D Compiler
libphobos-6-dev                      D standard runtime library
```

The D source package is made up of the following components.

The D front-end for GCC:

- d/*

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The DMD Compiler implementation of the D programming language:

- d/dmd/*

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The Zlib data compression library:

- d/phobos/etc/c/zlib/*

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The Phobos standard runtime library:

- d/phobos/*

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GNU Standard C++ Library v3 (development files) 6.3

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Packaging is done by the Debian GCC Maintainers <debian-gcc@lists.debian.org>, with sources obtained from:

`ftp://gcc.gnu.org/pub/gcc/releases/` (for full releases)

`svn://gcc.gnu.org/svn/gcc/` (for prereleases)

`http://bitbucket.org/goshawk/gdc` (for D)

The current gcc-6 source package is taken from the SVN gcc-6-branch.

Changes: See `changelog.Debian.gz`

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

Language	Compiler package	Library package	Documentation

Ada	gnat-6	libgnat-6	gnat-6-doc
C	gcc-6		gcc-6-doc
C++	g++-6	libstdc++6	libstdc++6-6-doc
D	gdc-6		
Fortran 95	gfortran-6	libgfortran3	gfortran-6-doc
Go	gccgo-6	libgo0	
Java	gcj-6	libgcj10	libgcj-doc
Objective C	gobjc-6	libobjc2	
Objective C++	gobjc++-6		

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

Language	Sources	Development	Debugging	Position-Independent

C++			libstdc++6-6-dbg	libstdc++6-6-pic
D	libphobos-6-dev			
Java	libgcj10-src	libgcj10-dev	libgcj10-dbg	

Additional packages include:

All languages:

libgcc1, libgcc2, libgcc4	GCC intrinsics (platform-dependent)
gcc-6-base	Base files common to all compilers
gcc-6-soft-float	Software floating point (ARM only)
gcc-6-source	The sources with patches

Ada:

libgnatvsn-dev, libgnatvsn6	GNAT version library
libgnatprj-dev, libgnatprj6	GNAT Project Manager library

C:

cpp-6, cpp-6-doc	GNU C Preprocessor
libssp0-dev, libssp0	GCC stack smashing protection library
libquadmath0	Math routines for the __float128 type
fixincludes	Fix non-ANSI header files

Java:

gij	The Java bytecode interpreter and VM
libgcj-common	Common files for the Java run-time
libgcj10-awt	The Abstract Windowing Toolkit
libgcj10-jar	Java ARchive for the Java run-time

C, C++ and Fortran 95:

libgomp1-dev, libgomp1	GCC OpenMP (GOMP) support library
libitm1-dev, libitm1	GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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- libitm
- libssp
- libstdc++-v3
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- libgfortran
- The libgnat-6 Ada support library and libgnatvsn library.
- Various config files in gcc/config/ used in runtime libraries.
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coshq.c, erfq.c, jnq.c, lgammaq.c, powq.c, roundq.c:

Changes for 128-bit __float128 are

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ldexpq.c:

Conversion to long double by Ulrich Drepper,

Cygnus Support, drepper@cygnus.com.

cosq_kernel.c, expq.c, sincos_table.c, sincosq.c, sincosq_kernel.c, sinq_kernel.c, truncq.c:

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isinfq.c:

Written by J.T. Conklin <jtc@netbsd.org>.

Change for long double by Jakub Jelinek <jj@ultra.linux.cz>

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Cephes Math Library Release 2.2: January, 1991

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Adapted for glibc November, 2001

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gcc/go/gofrontend, libgo:

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D:

```
gdc-6                                GNU D Compiler
libphobos-6-dev                      D standard runtime library
```

The D source package is made up of the following components.

The D front-end for GCC:

- d/*

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The DMD Compiler implementation of the D programming language:

- d/dmd/*

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The Zlib data compression library:

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The Phobos standard runtime library:

- d/phobos/*

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Shared low-level terminfo library for terminal handling 6.0

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<jdassen@wi.LeidenUniv.nl>, and Galen Hazelwood <galenh@micron.net> over various years.

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x86 emulation library 1.11

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