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adduser

This package was first put together by Ian Murdock <imurdock@debian.org> and was maintained by Steve Phillips <sjp@cvfn.org> from sources written for the Debian Project by Ian Murdock, Ted Hajek <tedhajek@boombox.micro.umn.edu>, and Sven Rudolph <sr1@inf.tu-dresden.de>.

Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He rewrote most of it.

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This package was put together by Matthias Klose <doko@debian.org>, from the following sources:

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ca-certificates-java

This package was debianized by Matthias Klose <doko@ubuntu.com>
on Mon, 02 Jun 2008 14:52:46 +0000.

Authors:

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coreutils

This is the Debian GNU/Linux packaged version of the GNU core utilities.

This package is maintained by Michael Stone <mstone@debian.org> and built from sources obtained from:
ftp://ftp.gnu.org/gnu/coreutils/coreutils-8.24.tar.xz

This debian package was first created by Michael Stone <mstone@debian.org>,
from coreutils 4.5.1.

Changes:

- * added Debian GNU/Linux package maintenance system files
- * at times, bug fixes awaiting inclusion in the upstream source

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lib/rand-isaac.[ch]

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cron

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Upstream-Name: vixie-cron

Upstream-Contact: Paul Vixie <paul@vix.com>

Source:

The original source for this package could be obtained from ftp://ftp.vix.com/pub/vixie/cron-3.0, although that link appears to have gone down.

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dbus

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Upstream-Name: D-Bus

Source: <https://dbus.freedesktop.org/releases/dbus/>

Comment:

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This package was originally put together by Michael Vogt
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debianutils

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e2fsprogs

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findutils

It was downloaded from <ftp://ftp.gnu.org/gnu/findutils>

Debian maintainer history: The original package was put together by Ian Murdock <imurdock@debian.org>, afterwards Kevin Dalley <kevind@rahul.net> took over. 2003-07 Andreas Metzler <ametzler@debian.org> followed.

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* GNU find was written by Eric Decker <cire@cisco.com>, with enhancements by David MacKenzie <djm@gnu.org>, Jay Plett <jay@silence.princeton.nj.us>, and Tim Wood <axolotl!tim@toad.com>. The idea for `-print0` and `xargs -0` came from

Dan Bernstein <brnstnd@kramden.acf.nyu.edu>.
Improvements have been made by James Youngman <jay@gnu.org>.

* GNU xargs
was originally written by Mike Rendell, with enhancements by David MacKenzie. Modifications by James Youngman Dmitry V. Levin

* GNU locate and its associated utilities were originally written by James Woods, with enhancements by David MacKenzie, James Youngman and Bas van Gompel.

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fontconfig-config

This package was debianized by Colin Walters <walters@debian.org> on
Sun, 13 Oct 2002 15:01:50 -0400

It was downloaded from <http://www.fontconfig.org/>

Upstream Author: Keith Packard

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Upstream-Name: DejaVu fonts

Upstream-Author: Stepan Roh <src@users.sourceforge.net> (original author),
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Source: <https://dejavu-fonts.github.io/>

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gcc-10-base

This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, D, Fortran 95, Go, Objective-C, Objective-C++, and Modula-2 compilers, documentation, and support libraries. In addition, Debian provides the gm2 compiler, either in the same source package, or built from a separate same source package. 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)
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The current gcc-10 source package is taken from the SVN gcc-10-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-10	libgnat-10	gnat-10-doc
BRIG	gccbrig-10	libhsail-rt0	
C	gcc-10		gcc-10-doc
C++	g++-10	libstdc++6	libstdc++6-10-doc
D	gdc-10		
Fortran 95	gfortran-10	libgfortran5	gfortran-10-doc
Go	gccgo-10	libgo0	
Objective C	gobjc-10	libobjc4	
Objective C++	gobjc++-10		
Modula-2	gm2-10	libgm2	

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++6-10-dbg	libstdc++6-10-pic
D	libphobos-10-dev			

Additional packages include:

All languages:
libgcc1, libgcc2, libgcc4 GCC intrinsics (platform-dependent)
gcc-10-base Base files common to all compilers
gcc-10-soft-float Software floating point (ARM only)
gcc-10-source The sources with patches

Ada:
libgnat-util10-dev, libgnat-util10 GNAT version library

C:
cpp-10, cpp-10-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

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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- gcc/emults.c, gcc/gbl-ctors.h, gcc/gcov-io.h, gcc/libgcov.c,
- gcc/tssystem.h, gcc/typeclass.h).
- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
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- * Cygnus Support, drepper@cygnus.com.

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D:

gdc-10

GNU D Compiler

libphobos-10-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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svn://gcc.gnu.org/svn/gcc/          (for prereleases)
ftp://sourceware.org/pub/newlib/    (for newlib)
git://git.savannah.gnu.org/gm2.git (for Modula-2)
```

The current gcc-9 source package is taken from the SVN gcc-9-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-9	libgnat-9	gnat-9-doc
BRIG	gccbrig-9	libhsail-rt0	
C	gcc-9		gcc-9-doc
C++	g++-9	libstdc++6	libstdc++6-9-doc
D	gdc-9		
Fortran 95	gfortran-9	libgfortran3	gfortran-9-doc
Go	gccgo-9	libgo0	
Objective C	gobjc-9	libobjc2	
Objective C++	gobjc++-9		
Modula-2	gm2-9	libgm2	

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++6-9-dbg	libstdc++6-9-pic
D	libphobos-9-dev			

Additional packages include:

All languages:

libgcc1, libgcc2, libgcc4	GCC intrinsics (platform-dependent)
gcc-9-base	Base files common to all compilers
gcc-9-soft-float	Software floating point (ARM only)
gcc-9-source	The sources with patches

Ada:

libgnatvsn-dev, libgnatvsn9	GNAT version library

C:

cpp-9, cpp-9-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

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
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Changes for 128-bit __float128 are

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- * Conversion to long double by Ulrich Drepper,
- * Cygnus Support, drepper@cygnus.com.

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D:

gdc-9

libphobos-9-dev

GNU D Compiler

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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gcc/gm2/ulm-lib-gm2/std/Storage.mod:

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```
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./gm2-libs/SYSTEM.def:
./gm2-libs/sckt.def:
./gm2-libs/Indexing.def:
./gm2-libs/Builtins.mod:
./gm2-libs/SFIO.mod:
./gm2-libs/MathLib0.mod:
./gm2-libs/gdbif.mod:
./gm2-libs/M2EXCEPTION.mod:
./gm2-libs/SFIO.def:
./gm2-libs/StringConvert.mod:
./gm2-libs/StringConvert.def:
./gm2-libs/config-host.in:
./gm2-libs/Indexing.mod:
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```

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```

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Upstream-Contact: bug-gdbm@gnu.org

Source: <https://www.gnu.org.ua/software/gdbm/download.html>

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gpgv

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Upstream-Name: GnuPG - The GNU Privacy Guard (modern version)

Upstream-Contact: GnuPG development mailing list <gnupg-devel@gnupg.org>

Source: <https://gnupg.org/download/>

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Upstream-Contact: htop dev team <htop@groups.io>

Source: <https://github.com/htop-dev/htop/releases>

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initramfs-tools

This package was debianized by Jeff Bailey <jbailey@ubuntu.com> on Thu, 27 Jan 2005 15:23:52 -0500.

The current Debian maintainers are maximilian attems <maks@debian.org> and Michael Prokop <mika@debian.org>.

The current ubuntu release can be found at:
<http://archive.ubuntu.com/ubuntu/pool/main/i/initramfs-tools/>

The Debian tree is maintained with "git" at:
<https://anonscm.debian.org/git/kernel/initramfs-tools.git>
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The Debian tree is maintained with "git" at:
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<https://anonscm.debian.org/cgit/kernel/initramfs-tools.git>

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Upstream-Name: iproute2

Source: <https://www.kernel.org/pub/linux/utils/net/iproute2/>

Comment:

The former upstream was:

<http://devresources.linuxfoundation.org/dev/iproute2/download/>

<http://developer.osdl.org/dev/iproute2>

<ftp://ftp.inr.ac.ru/ip-routing/iproute2-2.4.7-now-ss010824.tar.gz>

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iputils-ping

This package was debianized by Anthony Towns <ajt@debian.org> on Sat, 5 Aug 2000 19:51:36 +1000.
It has been maintained for Debian by Noah Meyerhans <noahm@debian.org> since 6 Feb 2001.

It was downloaded from <https://github.com/iputils/iputils>

Upstream Author: Alexey Kuznetsov <kuznet@ms2.inr.ac.ru>

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isc-dhcp-client

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

Source: <http://www.isc.org/downloads/dhcp>

Files-Excluded:

aclocal.m4
bind
compile
config.*
configure
depcomp
install-sh
*/Makefile.in
missing
doc/References.txt
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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0>

Source: <http://www.isc.org/downloads/dhcp>

Files-Excluded:

- aclocal.m4
- bind
- compile
- config.*
- configure
- depcomp
- install-sh
- */Makefile.in
- missing
- doc/References.txt
- doc/References.html

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Upstream-Contact: Debian Java Team <debian-java@lists.debian.org>

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kbd

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Upstream-Name: kbd

Upstream-Contact: kbd@lists.altlinux.org, Alexey Gladkov <gladkov.alexey@gmail.com>

Source: <http://ftp.altlinux.org/pub/people/legion/kbd/>

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Files: src/kbdrate.c docs/man/man8/kbdrate.8
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Files: src/dumpkeys.c src/libkeymap/analyze.1
src/libkeymap/ksyms.c src/libkeymap/ksyms.h src/showkey.c
docs/man/man1/loadkeys.1 docs/man/man1/dumpkeys.1
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ap.c
src/kbd_mode.c src/loadunimap.c src/psffontop.c src/psfxtable.c
src/resizecons.c src/screendump.c src/setkeycodes.c src/setleds.c
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kmod

This is the Debian GNU/Linux prepackaged version of kmod.

It has been packaged by Marco d'Itri <md@linux.it>.

Original sources were obtained from:

<http://www.kernel.org/pub/linux/utils/kernel/kmod/>

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less

This package was debianized by Thomas Schoepf <schoepf@debian.org> on
Wed, 8 Sep 1999 13:28:20 +0200.

The previous maintainers were Darren Stalder <torin@daft.com>,
Erick Branderhorst <branderh@debian.org> and
Bill Mitchell <mitchell@mdd.comm.mot.com>.

It was downloaded from <http://www.greenwoodsoftware.com/less/>

Upstream Author: Mark Nudelman <markn@greenwoodsoftware.com>

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Upstream-Contact: apparmor@lists.ubuntu.com

Source: <https://launchpad.net/apparmor>

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Upstream-Contact: Jarsolav Kysela <perex@suse.cz>

Source: <ftp://ftp.alsa-project.org/pub/lib>

Comment: This package was debianized by Wichert Akkerman 7 Jun 1998.
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Upstream-Name: auditd

Source: <https://people.redhat.com/sgrubb/audit/>

Files: *

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Upstream-Name: auditd

Source: <https://people.redhat.com/sgrubb/audit/>

Files: *

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libbinutils

This is the Debian GNU/Linux prepackaged version of the GNU assembler, linker, and binary utilities.

This package was put together by me, James Troup <james@nocrew.org>, from sources, which I obtained from:

`ftp://ftp.gnu.org/pub/gnu/binutils/`

and:

`cvs://:pserver:anoncvs@sources.redhat.com:/cvs/src`

It was previously maintained by Christopher C. Chimelis <chris@debian.org>

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libblkid1

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Upstream-Name: libbpf
Source: <https://github.com/libbpf/libbpf>

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include/uapi/linux/if_link.h
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Upstream-Name: brotli

Source: <https://github.com/google/brotli>

Files: *

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man/bitstring.3bsd
man/errc.3bsd
man/explicit_bzero.3bsd
man/fgetln.3bsd
man/fgetwln.3bsd
man/fpurge.3bsd
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src/nlist.c
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src/arc4random_uniform.c
src/arc4random_unix.h
src/arc4random_win.h
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Upstream-Name: libcap

Upstream-Contact: Andrew G. Morgan <morgan@kernel.org>

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libcrypt1

This is the Debian GNU/Linux prepackaged version of libxcrypt.

It has been packaged by Marco d'Itri <md@linux.it>.

Original sources were obtained from:
<https://github.com/besser82/libxcrypt>

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build-aux/gen-crypt-h, build-aux/gen-crypt-symbol-vers-h,
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libcryptsetup12

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Upstream-Contact: Milan Broz <mbroz@redhat.com>

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It was previously maintained by Christopher C. Chimelis <chris@debian.org>

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Upstream-Contact: Michael Sweet <msweet@apple.com>

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libdb5.3

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libdbus-1-3

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Upstream-Name: BIND

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Source: <https://ftp.isc.org/isc/bind9/>

Files-Excluded: contrib/idn

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contrib/zkt-1.1.3

doc/arm/Bv9ARM.pdf

bin/pkcs11/openssl-0.9.8zh-patch

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libdrm-common

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libext2fs2

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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It was downloaded from <http://www.fontconfig.org/>

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Upstream-Name: FreeType

Upstream-Contact: freetype-devel@nongnu.org

Source: <https://www.freetype.org/download.html>

Files-Excluded: docs/reference/assets/javascripts

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## libgcc-s1

This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, D, Fortran 95, Go, Objective-C, Objective-C++, and Modula-2 compilers, documentation, and support libraries. In addition, Debian provides the gm2 compiler, either in the same source package, or built from a separate same source package. 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)   |
| ftp://sourceware.org/pub/newlib/    | (for newlib)        |
| git://git.savannah.gnu.org/gm2.git  | (for Modula-2)      |

The current gcc-10 source package is taken from the SVN gcc-10-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-10          | libgnat-10      | gnat-10-doc       |
| BRIG          | gccbrig-10       | libhsail-rt0    |                   |
| C             | gcc-10           |                 | gcc-10-doc        |
| C++           | g++-10           | libstdc++6      | libstdc++6-10-doc |
| D             | gdc-10           |                 |                   |
| Fortran 95    | gfortran-10      | libgfortran5    | gfortran-10-doc   |
| Go            | gccgo-10         | libgo0          |                   |
| Objective C   | gobjc-10         | libobjc4        |                   |
| Objective C++ | gobjc++-10       |                 |                   |
| Modula-2      | gm2-10           | libgm2          |                   |

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++6-10-dbg | libstdc++6-10-pic    |
| D        | libphobos-10-dev |             |                   |                      |

Additional packages include:

All languages:

|                           |                                     |
|---------------------------|-------------------------------------|
| libgcc1, libgcc2, libgcc4 | GCC intrinsics (platform-dependent) |
| gcc-10-base               | Base files common to all compilers  |
| gcc-10-soft-float         | Software floating point (ARM only)  |
| gcc-10-source             | The sources with patches            |

Ada:

libgnat-util10-dev, libgnat-util10 GNAT version library

C:

|                      |                                       |
|----------------------|---------------------------------------|
| cpp-10, cpp-10-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             |

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

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- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-10 Ada support library and libgnat-util10 library.
- Various config files in gcc/config/ used in runtime libraries.
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libphobos-10-dev                          D standard runtime library

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LIBGCRYPT The Written Word 2005-04-15  
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src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,  
mpi/hppa1.1/udiv-qrnnd.S, mpi/hppa1.1/mpih-mul2.S,  
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,  
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,  
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Upstream-Contact: <https://sourceforge.net/p/giflib/discussion/>  
Source: <http://giflib.sourceforge.net/>

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include/GLES2/gl2platform.h  
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src/generate/xml/gl.xml  
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src/glx/compsize.c  
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src/glx/glxclient.h  
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src/glx/glxcurrent.c  
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## libglib2.0-0

This package was debianized by Akira TAGOH <tagoh@debian.org> on Thu, 7 Mar 2002 01:05:25 +0900.

It was downloaded from <<https://download.gnome.org/sources/glib/>>.

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## libgmp10

GMP Debian Package

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from sources obtained at <http://gmplib.org/> .

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This package was debianized by Ivo Timmermans <ivo@debian.org> on Fri, 3 Aug 2001 10:00:42 +0200. It was later taken over by Matthias Urlichs <smurf@debian.org> and is now maintained by Andreas Metzler <ametzler@debian.org> Eric Dorland <eric@debian.org>, James Westby <jw+debian@jameswestby.net>

It was downloaded from <https://www.gnupg.org/ftp/gcrypt/gnutls/>

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lib/extras/randomart.\*

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 fuzz/gnutls_base64_encoder_fuzzer.c
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 fuzz/gnutls\_psk\_server\_fuzzer.c  
 fuzz/gnutls\_psk\_client\_fuzzer.c fuzz/gnutls\_srp\_client\_fuzzer.c  
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tests/system-override-kx.sh tests/system-override-profiles.sh  
tests/system-override-sig.c tests/system-override-sig-hash.sh  
tests/system-override-tls.sh tests/system-override-versions.sh  
tests/iov.c tests/tls13-without-timeout-func.c  
tests/cert-tests/certtool-crl-decoding.sh  
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sh  
tests/cert-tests/certtool-subca.sh tests/cert-tests/certtool-utf8.sh  
tests/cert-tests/crq.sh tests/cert-tests/inhibit-anypolicy.sh  
tests/cert-tests/pkcs12-utf8.s tests/cert-tests/pkcs7-broken-sigs.sh  
tests/cert-tests/pkcs7-constraints2.sh tests/cert-tests/pkcs7-constraint  
s.sh  
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tests/tls13/hello\_retry\_request\_resume.c  
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tests/cert-tests/cert-critical.sh tests/cert-tests/certtool-ecdsa.sh  
tests/cert-tests/certtool-eddsa.sh tests/cert-tests/certtool-rsa-pss.sh  
tests/cert-tests/certtool-verify-profiles.sh tests/cert-tests/crl.sh  
tests/cert-tests/illegal-rsa.sh tests/cert-tests/invalid-sig.sh  
tests/cert-tests/pkcs7-cat.sh tests/cert-tests/pkcs8.sh  
tests/cert-tests/provable-privkey-dsa2048.sh  
tests/cert-tests/provable-privkey-gen-default.sh  
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tests/gnutls-ids.c tests/cert-tests/cert-sanity.sh  
tests/cert-tests/cert-time.sh tests/pkcs11/list-objects.c  
tests/cert-tests/smime.sh tests/cert-tests/tlsfeature-test.sh  
tests/dtls/dtls-resume.sh

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~

## libgomp1

This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, D, Fortran 95, Go, Objective-C, Objective-C++, and Modula-2 compilers, documentation, and support libraries. In addition, Debian provides the gm2 compiler, either in the same source package, or built from a separate same source package. Packaging is done by the Debian GCC Maintainers <[debian-gcc@lists.debian.org](mailto: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)
ftp://sourceware.org/pub/newlib/ (for newlib)
git://git.savannah.gnu.org/gm2.git (for Modula-2)
```

The current gcc-10 source package is taken from the SVN gcc-10-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-10     | libgnat-10   | gnat-10-doc       |
| BRIG          | gccbrig-10  | libhsail-rt0 |                   |
| C             | gcc-10      |              | gcc-10-doc        |
| C++           | g++-10      | libstdc++6   | libstdc++6-10-doc |
| D             | gdc-10      |              |                   |
| Fortran 95    | gfortran-10 | libgfortran5 | gfortran-10-doc   |
| Go            | gccgo-10    | libgo0       |                   |
| Objective C   | gobjc-10    | libobjc4     |                   |
| Objective C++ | gobjc++-10  |              |                   |
| Modula-2      | gm2-10      | libgm2       |                   |

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++6-10-dbg | libstdc++6-10-pic    |
| D        | libphobos-10-dev |             |                   |                      |

Additional packages include:

|                           |                                     |
|---------------------------|-------------------------------------|
| All languages:            |                                     |
| libgcc1, libgcc2, libgcc4 | GCC intrinsics (platform-dependent) |
| gcc-10-base               | Base files common to all compilers  |
| gcc-10-soft-float         | Software floating point (ARM only)  |
| gcc-10-source             | The sources with patches            |

|                                    |                      |
|------------------------------------|----------------------|
| Ada:                               |                      |
| libgnat-util10-dev, libgnat-util10 | GNAT version library |

|                      |                                       |
|----------------------|---------------------------------------|
| C:                   |                                       |
| cpp-10, cpp-10-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             |

|                        |                                   |
|------------------------|-----------------------------------|
| 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
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- Various config files in gcc/config/ used in runtime libraries.
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- \* 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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Cephes Math Library Release 2.2: January, 1991  
Copyright 1984, 1991 by Stephen L. Moshier

Adapted for glibc November, 2001

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D:

gdc-10

GNU D Compiler

libphobos-10-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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- 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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Information technology - programming languages

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Upstream-Contact: gnupg-devel@gnupg.org

Source: <https://gnupg.org/ftp/gcrypt/libgpg-error/>

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#The upstream changes its license type to "LGPL-2.1+"  
#<https://git.kernel.org/pub/scm/libs/libgpod/libgpod.git/commit/?h=v0.3.x&id=486b57388683fc4f404fa6cb008c5dbae6fe6c33>

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Upstream-Name: gpm - general purpose mouse

Upstream-Contact: [gpm@lists.linux.it](mailto:gpm@lists.linux.it)

Source: <https://nico.schottelius.org/software/gpm/archives/>

Files: \*

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Files: scripts/git-archiv-tarbz2.sh scripts/report\_success.sh

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Source: <https://github.com/silnrsi/graphite/releases>

Files: \*

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Files: src/CMakeLists.txt tests/comparerenderer/\* tests/featuremap/\* tests/nametabletest/\* tests/segcache/\* tests/graphite.py

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Files: tests/texts/udhr\* tests/standards/scheherazade\_arb.log tests/standards/charis.log tests/standards/piglatin.log tests/standards/charis\_yor.log

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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
slave/kpropd_rpc.c
slave/kproplog.c
```

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POLY1305

Based on the implementation by Andrew M. (floodyberry), modified by Nikos Mavrogiannopoulos and Niels Möller. Assembly for x86\_64 by Niels Möller.

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SHA1

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SHA2

Written by Niels Möller, using Peter Gutmann's SHA1 code as a model.

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SHA3

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TWOFISH

The implementation of the TWOFISH cipher is written by Ruud de Rooij.

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UMAC

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CMAC

Written by Nikos Mavrogiannopoulos, Niels Möller, Jeremy Allison, Michael Adam and Stefan Metzmacher.

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Upstream-Contact: Netfilter Developer List <netfilter@vger.kernel.org>

Source: <https://www.netfilter.org/>

Files: \*

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James Morris <jmorris@intercode.com.au>

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Upstream-Contact: Petri Lehtinen <petri@digip.org>

Source: <https://github.com/akheron/jansson>

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Upstream-Name: libjpeg-turbo

Source: <https://github.com/libjpeg-turbo/libjpeg-turbo>

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Upstream-Name: json-c

Upstream-Contact: <michael@metaparadigm.com>

Source: <https://github.com/json-c/json-c/wiki>

Files: \*

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Files: json\_pointer.c json\_pointer.h

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Files: debug.h json.h linkhash.\*

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```
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
slave/kpropd_rpc.c
slave/kproplog.c
```

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Upstream-Contact: David Howells <dhowells@redhat.com>

Source: <http://people.redhat.com/~dhowells/keyutils/>

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on

Sun, 23 Jan 2005 21:11:50 -0500.

It was downloaded from <http://www.kernel.org/pub/linux/libs/klibc/>

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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  
slave/kpropd\_rpc.c  
slave/kproplog.c

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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
slave/kpropd_rpc.c
slave/kproplog.c
```

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---

After discussing this license with the OpenLDAP Foundation we received clarification on it:

---

- \* To: Stephen Frost <sfrost@snowman.net>
- \* Subject: Re: OpenLDAP Licenseing issues
- \* From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>
- \* Date: Wed, 28 May 2003 10:55:44 -0700
- \* Cc: Steve Langasek <vorlon@netexpress.net>,debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org
- \* In-reply-to: <20030528162613.GB8524@ns.snowman.net>
- \* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
- \* Old-return-path: <Kurt@OpenLDAP.org>

Steven,

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Regards, Kurt

-----

## libllvm11

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: LLVM/Clang

Source: <https://llvm.org/releases/download.html>

Files: \*

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Files: compiler-rt/lib/BlocksRuntime/\*

lldb/tools/debugserver/source/MacOSX/stack\_logging.h

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Files: llvm/lib/Support/reg\*

Copyright: 1992, 1993, 1994 Henry Spencer

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Files: llvm/lib/Support/MD5.cpp llvm/include/llvm/Support/MD5.h

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Files: lldb/third\_party/Python/module/unittest2\*

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2003-2010 Python Software Foundation

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Files: llvm/llvmtest/YAMLParse/\*

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Files: llvm/utils/unittest/googlemock/\*  
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Files: clang/lib/Headers/cuda\_wrappers/\*  
clang/lib/Headers/avx512vlp2intersectintrin.h  
clang/lib/Headers/avx512vp2intersectintrin.h

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## liblocale-gettext-perl

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Locale-gettext

Upstream-Contact: Phillip Vandry <[vandry@TZONE.ORG](mailto:vandry@TZONE.ORG)>

Source: <https://metacpan.org/release/gettext>

Files: \*

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Files: debian/\*

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2008, Niko Tyni <[ntyni@debian.org](mailto:ntyni@debian.org)>

2010-2011, gregor herrmann <[gregoa@debian.org](mailto:gregoa@debian.org)>

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## liblognorm5

Author: Rainer Gerhards

Download: <http://liblognorm.sourceforge.net/>

Files: \*

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Files: compat/strndup.c  
tools/logrecord.h

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Files: debian/\*

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## liblua5.3-0

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>  
Upstream-Name: Lua team  
Upstream-Contact: team@lua.org  
Source: <http://www.lua.org/>

Files: \*

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## liblz4-1

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>  
/  
Upstream-Name: lz4  
Source: <https://github.com/Cyan4973/lz4>

Files: \*  
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Files: lib/lz4frame.c  
lib/lz4frame\_static.h  
lib/xxhash.c  
lib/xxhash.h  
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Files: ./examples/printVersion.c  
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./examples/blockStreaming\_ringBuffer.c  
Copyright: Yann Collet  
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Files: ./examples/compress\_functions.c  
./examples/simple\_buffer.c  
Copyright: Kyle Harper  
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Files: debian/\*  
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## liblzma5

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<https://tukaani.org/xz/lists.html>

Source:

<https://tukaani.org/xz>

<https://git.tukaani.org/xz.git>

Comment:

XZ Utils is developed and maintained upstream by Lasse Collin. Major portions are based on code by other authors; see AUTHORS for details. Most of the source has been put into the public domain, but some files have not (details below).

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Files: \*

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 1998, Steve Reid
 2000, Wei Dai
 2003, Kevin Springle
 2009, Jonathan Nieder
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Comment:

```
From: Lasse Collin <lasse.collin@tukaani.org>
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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.
> AUTHORS, ChangeLog, COPYING, README, THANKS, TODO,
> dos/README, windows/README
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Other-Authors: Paul Eggert, Ulrich Drepper

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Files: `src/scripts/Makefile.am src/scripts/xzless.1`

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Files: `m4/getopt.m4 m4/posix-shell.m4`

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Files: Doxyfile.in

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Origin: Doxygen 1.4.7

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Files: src/liblzma/check/crc32\_table\_?e.h

src/liblzma/check/crc64\_table\_?e.h

src/liblzma/lzma/fastpos\_table.c

src/liblzma/rangecoder/price\_table.c

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Generated-With:

src/liblzma/check/crc32\_tablegen.c

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changelog.gz (commit 975d8fd) explains:

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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

License: config-h

configure.ac:

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Author: Lasse Collin

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dos/config.h was generated with autoheader, which tells Autoconf to
output a script to generate a config.h file and then runs it.

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Origin: gettext-runtime/po/Makevars (gettext-0.12)
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Authors: Bruno Haible
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src/sha2.c

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Upstream-Name: libmnl

Upstream-Contact: Pablo Neira Ayuso <pablo@netfilter.org>

Source: <http://www.netfilter.org/projects/libmnl/files>

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Source: <http://download.mono-project.com/sources/mono/>

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Files: \*

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mcs/nunit24/NUnitExtensions/framework/RowTestAttribute.cs,  
mcs/nunit24/NUnitExtensions/framework/SpecialValue.cs,  
mcs/nunit24/NUnitExtensions/framework/RowAttribute.cs,  
mcs/nunit24/NUnitExtensions/framework/RowTest/\*

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external/boringssl/crypto/bn/random.c,  
external/boringssl/crypto/err/\*  
external/boringssl/crypto/ex\_data.c,  
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external/boringssl/ssl/d1\_meth.c,  
external/boringssl/ssl/pqueue/pqueue.c,  
external/boringssl/crypto/bn/\*,  
external/boringssl/crypto/bio/pair.c,  
external/boringssl/crypto/evp/\*,  
external/boringssl/crypto/pkcs8/\*,  
external/boringssl/crypto/ecdsa/\*,  
external/boringssl/crypto/cmac/\*,  
external/boringssl/crypto/ec/\*,  
external/boringssl/crypto/cipher/e\_aes.c,  
external/boringssl/crypto/cipher/tls\_cbc.c,  
external/boringssl/crypto/time\_support.c,  
external/boringssl/crypto/dsa/dsa\_asn1.c,  
external/boringssl/crypto/x509/x\_algor.c,  
external/boringssl/crypto/x509/x509\_trs.c,  
external/boringssl/crypto/x509/rsa\_pss.c,  
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external/boringssl/crypto/x509v3/\*,  
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external/boringssl/crypto/aes/\*,  
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external/boringssl/crypto/dh/\*,  
external/boringssl/crypto/rsa/rsa\_asn1.c,  
external/boringssl/crypto/rsa/rsa\_asn1.c,  
external/boringssl/crypto/pem/pem\_x509.c,

external/boringssl/crypto/pem/pem\_xaux.c,  
external/boringssl/crypto/modes/\*,  
external/boringssl/crypto/evp/evp\_test.cc,  
external/boringssl/crypto/ecdsa/ecdsa\_test.cc,  
external/boringssl/crypto/cipher/cipher\_test.cc,  
external/boringssl/crypto/bn/asm/\*,  
external/boringssl/crypto/sha/asm/\*,  
external/boringssl/crypto/poly1305/asm/\*,  
external/boringssl/crypto/chacha/asm/\*,  
external/boringssl/crypto/asn1/charmap.pl,  
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external/boringssl/decrepit/ripemd/\*,  
external/boringssl/decrepit/rsa/\*,  
external/boringssl/ssl/s3\_meth.c,  
external/boringssl/ssl/ssl\_rsa.c,  
external/boringssl/crypto/bn/cmp.c,  
external/boringssl/crypto/bn/shift.c,  
external/boringssl/crypto/bn/convert.c,  
external/boringssl/crypto/bn/mul.c,  
external/boringssl/crypto/bn/div.c,  
external/boringssl/crypto/bn/generic.c,  
external/boringssl/crypto/bn/add.c,  
external/boringssl/crypto/bn/bn.c,  
external/boringssl/crypto/md4/\*,  
external/boringssl/crypto/digest/\*,  
external/boringssl/crypto/evp/evp\_asn1.c,  
external/boringssl/crypto/evp/sign.c,  
external/boringssl/crypto/evp/evp\_ctx.c,  
external/boringssl/crypto/evp/evp.c,  
external/boringssl/crypto/sha/\*,  
external/boringssl/crypto/md5/\*,  
external/boringssl/crypto/conf/\*,  
external/boringssl/crypto/thread.c,  
external/boringssl/crypto/mem.c,  
external/boringssl/crypto/buf/\*,

external/boringssl/crypto/cpu-intel.c,  
external/boringssl/crypto/lhash/\*,  
external/boringssl/crypto/cipher/e\_null.c,  
external/boringssl/crypto/cipher/e\_rc2.c,  
external/boringssl/crypto/cipher/e\_des.c,  
external/boringssl/crypto/cipher/e\_rc4.c,  
external/boringssl/crypto/cipher/cipher.c,  
external/boringssl/crypto/cipher/derive\_key.c,  
external/boringssl/crypto/dsa/\*,  
external/boringssl/crypto/asn1/\*,  
external/boringssl/crypto/base64/\*,  
external/boringssl/crypto/x509/\*,  
external/boringssl/crypto/stack/\*,  
external/boringssl/crypto/hmac/\*,  
external/boringssl/crypto/obj/\*,  
external/boringssl/crypto/dh/dh.c,  
external/boringssl/crypto/dh/check.c,  
external/boringssl/crypto/des/\*,  
external/boringssl/crypto/rsa/\*,  
external/boringssl/crypto/pem/\*,  
external/boringssl/crypto/rc4/\*,  
external/boringssl/crypto/hmac/hmac\_test.cc,  
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external/boringssl/ssl/ssl\_aead\_ctx.c,  
external/boringssl/ssl/pqueue/pqueue\_test.c,  
external/boringssl/ssl/ssl\_ecdh.c,  
external/boringssl/ssl/custom\_extensions.c,  
external/boringssl/ssl/ssl\_buffer.c,  
external/boringssl/crypto/bn/bn\_asn1.c,  
external/boringssl/crypto/err/err\_data.c,  
external/boringssl/crypto/bio/socket\_helper.c,  
external/boringssl/crypto/bytestring/\*,  
external/boringssl/crypto/cpu-arm-linux.c,  
external/boringssl/crypto/thread\_pthread.c,  
external/boringssl/crypto/poly1305/\*,  
external/boringssl/crypto/lhash/lhash\_test.c,  
external/boringssl/crypto/chacha/\*,  
external/boringssl/crypto/ec/p224-64.c,  
external/boringssl/crypto/ec/p256-64.c,  
external/boringssl/crypto/ec/util-64.c,

external/boringssl/crypto/ec/p256-x86\_64.c,  
external/boringssl/crypto/cipher/e\_ssl3.c,  
external/boringssl/crypto/cipher/e\_tls.c,  
external/boringssl/crypto/cipher/e\_chacha20poly1305.c,  
external/boringssl/crypto/cipher/aead.c,  
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external/boringssl/crypto/x509/pkcs7.c,  
external/boringssl/crypto/x509/pkcs7\_test.c,  
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external/boringssl/crypto/thread\_none.c,  
external/boringssl/crypto/hkdf/\*,  
external/boringssl/crypto/cpu-arm.c,  
external/boringssl/crypto/cpu-aarch64-linux.c,  
external/boringssl/crypto/refcount\_c11.c,  
external/boringssl/crypto/refcount\_test.c,  
external/boringssl/crypto/newhope/\*,  
external/boringssl/crypto/engine/\*,  
external/boringssl/crypto/curve25519/\*,  
external/boringssl/crypto/thread\_win.c,  
external/boringssl/decrepit/ripemd/ripemd\_test.cc,  
external/boringssl/fuzz/\*,  
external/boringssl/ssl/ssl\_test.cc,  
external/boringssl/ssl/test/\*,  
external/boringssl/tool/\*,  
external/boringssl/crypto/err/err\_test.cc,  
external/boringssl/crypto/bio/bio\_test.cc,  
external/boringssl/crypto/bytestring/bytestring\_test.cc,  
external/boringssl/crypto/digest/digest\_test.cc,  
external/boringssl/crypto/evp/pbkdf\_test.cc,  
external/boringssl/crypto/evp/evp\_extra\_test.cc,  
external/boringssl/crypto/pkcs8/pkcs8\_test.cc,  
external/boringssl/crypto/pkcs8/pkcs12\_test.cc,  
external/boringssl/crypto/poly1305/poly1305\_test.cc,  
external/boringssl/crypto/cmac/cmac\_test.cc,  
external/boringssl/crypto/chacha/chacha\_test.cc,  
external/boringssl/crypto/ec/ec\_test.cc,  
external/boringssl/crypto/cipher/aead\_test.cc,  
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external/boringssl/crypto/base64/base64\_test.cc,  
external/boringssl/crypto/x509/x509\_test.cc,  
external/boringssl/crypto/obj/obj\_test.cc,  
external/boringssl/crypto/aes/aes\_test.cc,  
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external/ikvm/openjdk/sun/font/StrikeCache.java  
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external/ikvm/openjdk/java/lang/ref/Reference.java  
external/ikvm/openjdk/java/lang/VMSystemProperties.java  
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external/ikvm/openjdk/java/lang/reflect/ReflectHelper.java  
external/ikvm/openjdk/sun/net/www/protocol/ikvmres/Handler.java  
external/ikvm/openjdk/sun/font/\*  
external/ikvm/openjdk/sun/java2d/\*  
external/ikvm/openjdk/sun/jdbc/odbc/\*  
external/ikvm/openjdk/sun/security/\*  
external/ikvm/openjdk/sun/awt/Win32FontManager.java  
external/ikvm/openjdk/sun/awt/windows/WPrinterJob.java  
external/ikvm/openjdk/sun/awt/IkvmDataTransferer.java  
external/ikvm/openjdk/sun/awt/AppContextDC.java  
external/ikvm/openjdk/sun/awt/image/GifImageDecoder.java  
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external/ikvm/openjdk/sun/nio/ch/SelectionKeyImpl.java  
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external/ikvm/openjdk/sun/nio/fs/DefaultFileTypeDetector.java  
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external/ikvm/openjdk/sun/nio/fs/NetPath.java  
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external/ikvm/openjdk/sun/misc/MiscHelper.java  
external/ikvm/openjdk/sun/print/PrintPeer.java  
external/ikvm/openjdk/sun/print/UnixPrintServiceLookup.java  
external/ikvm/openjdk/sun/print/Win32PrintJob.java  
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external/ikvm/openjdk/sun/management/FileSystemImpl.java  
external/ikvm/openjdk/com/sun/imageio/plugins/jpeg/JPEGImageWriter.  
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java  
external/ikvm/openjdk/com/sun/management/OperatingSystem.java  
external/ikvm/openjdk/ikvm/awt/IkvmToolkit.java  
external/ikvm/openjdk/ikvm/internal/\*  
external/ikvm/openjdk/ExtensionAttribute.java  
external/ikvm/openjdk/GenerateSystemCore.cs  
external/ikvm/classpath/sun/misc/Ref.java  
external/ikvm/classpath/ikvm/\*

external/ikvm/classpath/gnu/\*  
external/ikvm/runtime/\*  
external/ikvm/debugger/\*  
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external/boringssl/crypto/x509/x\_algor.c,  
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## libmono-system-configuration4.0-cil

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Upstream-Name: Mono

Source: <http://download.mono-project.com/sources/mono/>

Comment: Binaries included to bootstrap. See README.source

Files: \*

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external/ikvm/openjdk/java/lang/reflect/ReflectHelper.java

external/ikvm/openjdk/sun/net/www/protocol/ikvmres/Handler.java

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Comment: Binaries included to bootstrap. See README.source

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mcs/nunit24/NUnitExtensions/framework/RowAttribute.cs,  
mcs/nunit24/NUnitExtensions/framework/RowTest/\*

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external/boringssl/crypto/err/\*  
external/boringssl/crypto/ex\_data.c,

external/boringssl/crypto/rsa/blinding.c,  
external/boringssl/crypto/pem/pem\_all.c,  
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external/boringssl/crypto/asn1/charmap.pl,  
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external/boringssl/decrepit/ripemd/\*,  
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external/boringssl/crypto/des/\*,  
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external/boringssl/ssl/ssl\_ecdh.c,  
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external/boringssl/fuzz/\*,  
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external/boringssl/crypto/obj/obj\_test.cc,  
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external/boringssl/crypto/bn/asm/rsaz-x86\_64.pl,  
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external/ikvm/openjdk/java/awt/GraphicsConfiguration.java

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external/ikvm/openjdk/sun/font/StrikeCache.java

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external/ikvm/openjdk/java/lang/ref/Reference.java
external/ikvm/openjdk/java/lang/VMSystemProperties.java
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Upstream-Name: Mono

Source: <http://download.mono-project.com/sources/mono/>

Comment: Binaries included to bootstrap. See README.source

Files: \*

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java external/ikvm/openjdk/com/sun/imageio/plugins/jpeg/JPEGImageReader.  
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Upstream-Contact: bug-ncurses@gnu.org  
Thomas Dickey <dickey@his.com>

Source: <https://invisible-mirror.net/archives/ncurses/>

Files: \*

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Upstream-Contact: [bug-ncurses@gnu.org](mailto:bug-ncurses@gnu.org)

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This is the Debian version of the newt library.  
newt was written by Erik Troan <ewt@redhat.com>.

The original package was put together by Enrique Zanardi <ezanard@debian.org>, from sources obtained from:

`ftp://ftp.redhat.com/pub/redhat/redhat-7.0-en/os/i386/SRPMS/newt-0.50.1  
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Upstream-Name: nghttp2

Upstream-Contact: Tatsuhiro Tsujikawa <[t-tujikawa@users.sourceforge.net](mailto:t-tujikawa@users.sourceforge.net)>

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## libnl-3-200

This package was debianized by Heiko Stuebner <heiko@sntech.de> on Tue, 16 Jan 2006 12:00:46 +0000.  
The packaging is based on Michael Biebl's <biebl@teco.edu> original packaging of libnl1.

It was downloaded from <https://github.com/thom311/libnl/releases>

Upstream Author:



Thomas Graf <tgraf@suug.ch>

Copyright:

lib/route/addr.c  
include/netlink/route/addr.h

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Baruch Even <baruch@ev-en.org>

lib/route/cls/u32.c  
lib/route/cls/fw.c  
lib/route/sch/htb.c  
include/netlink/route/cls/fw.h  
include/netlink/route/sch/htb.h

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Copyright (c) Petr Gotthard <petr.gotthard@siemens.com>  
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lib/netfilter/log\_msg.c  
lib/netfilter/ct.c  
include/netlink/netfilter/log\_msg.h  
include/netlink/netfilter/log.h  
lib/netfilter/log\_obj.c

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Copyright (c) Philip Craig <philipc@snapgear.com>  
Copyright (c) Patrick McHardy <kaber@trash.net>  
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include/netlink/netfilter/queue\_msg.h  
lib/netfilter/queue\_msg\_obj.c  
lib/netfilter/queue\_msg.c  
lib/netfilter/queue.c  
lib/netfilter/netfilter.c  
lib/netfilter/queue\_obj.c  
include/netlink/netfilter/netfilter.h  
include/netlink/netfilter/queue.h

src/nf-queue.c

Copyright (c) Patrick McHardy <kaber@trash.net>

include/netlink/xfrm/selector.h  
include/netlink/xfrm/sa.h  
include/netlink/xfrm/ae.h  
include/netlink/xfrm/sp.h  
include/netlink/xfrm/template.h  
include/netlink/xfrm/lifetime.h  
lib/xfrm/sa.c  
lib/xfrm/template.c  
lib/xfrm/ae.c  
lib/xfrm/sp.c  
lib/xfrm/selector.c  
lib/xfrm/lifetime.c

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src/nl-addr-add.c  
src/nl-addr-list.c  
src/nl-cls-add.c  
src/cls/utils.c  
src/cls/cgroup.c  
src/cls/utils.h  
src/cls/basic.c  
src/nl-addr-delete.c:

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```
include/netlink/xfrm/selector.h
include/netlink/xfrm/sa.h
include/netlink/xfrm/ae.h
include/netlink/xfrm/sp.h
include/netlink/xfrm/template.h
include/netlink/xfrm/lifetime.h
lib/xfrm/sa.c
lib/xfrm/template.c
lib/xfrm/ae.c
lib/xfrm/sp.c
lib/xfrm/selector.c
lib/xfrm/lifetime.c
```

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The packaging is based on Michael Biebl's <biebl@teco.edu> original packaging of libnl1.

It was downloaded from <https://github.com/thom311/libnl/releases>

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Thomas Graf <tgraf@suug.ch>

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lib/route/addr.c  
include/netlink/route/addr.h

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Baruch Even <baruch@ev-en.org>

lib/route/cls/u32.c  
lib/route/cls/fw.c  
lib/route/sch/htb.c  
include/netlink/route/cls/fw.h  
include/netlink/route/sch/htb.h

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lib/netfilter/log\_msg.c  
lib/netfilter/ct.c  
include/netlink/netfilter/log\_msg.h  
include/netlink/netfilter/log.h  
lib/netfilter/log\_obj.c

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Copyright (c) Philip Craig <philipc@snapgear.com>  
Copyright (c) Patrick McHardy <kaber@trash.net>  
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include/netlink/netfilter/queue\_msg.h  
lib/netfilter/queue\_msg\_obj.c  
lib/netfilter/queue\_msg.c  
lib/netfilter/queue.c  
lib/netfilter/netfilter.c  
lib/netfilter/queue\_obj.c  
include/netlink/netfilter/netfilter.h  
include/netlink/netfilter/queue.h  
src/nf-queue.c

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include/netlink/xfrm/selector.h  
include/netlink/xfrm/sa.h  
include/netlink/xfrm/ae.h  
include/netlink/xfrm/sp.h  
include/netlink/xfrm/template.h  
include/netlink/xfrm/lifetime.h  
lib/xfrm/sa.c  
lib/xfrm/template.c  
lib/xfrm/ae.c  
lib/xfrm/sp.c  
lib/xfrm/selector.c  
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src/nl-addr-add.c  
src/nl-addr-list.c  
src/nl-cls-add.c  
src/cls/utils.c  
src/cls/cgroup.c  
src/cls/utils.h  
src/cls/basic.c  
src/nl-addr-delete.c:

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include/netlink/xfrm/sa.h  
include/netlink/xfrm/ae.h  
include/netlink/xfrm/sp.h  
include/netlink/xfrm/template.h  
include/netlink/xfrm/lifetime.h  
lib/xfrm/sa.c  
lib/xfrm/template.c  
lib/xfrm/ae.c  
lib/xfrm/sp.c  
lib/xfrm/selector.c  
lib/xfrm/lifetime.c

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## libnsl2

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>  
/

Upstream-Name: libnsl

Upstream-Contact: Thorsten Kukuk <kukuk@thkukuk.de>

Source: <https://github.com/thkukuk/libnsl>

Files: debian/\*

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Files: AUTHORS

configure.ac

config.h.in

libnsl.pc.in

Makefile.am

NEWS

README

src/Makefile.am

src/do\_ypcall.c

src/internal.h

src/libnsl.map

src/nisplus/nis\_error.c

src/taddr2host.c

src/taddr2ipstr.c

src/taddr2port.c

src/yp\_first.c

src/yp\_get\_default\_domain.c

src/yp\_maplist.c

src/yp\_master.c

src/yp\_match.c

src/yp\_next.c

src/yp\_order.c

src/ypbinderr\_string.c

src/yperr\_string.c

src/ypprot\_err.c

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Files: src/libc-lock.h

src/nisplus/nis\_add.c

src/nisplus/nis\_addmember.c

src/nisplus/nis\_call.c

src/nisplus/nis\_callback.c

src/nisplus/nis\_checkpoint.c

src/nisplus/nis\_clone\_dir.c



src/nisplus/nis\_clone\_obj.c  
src/nisplus/nis\_clone\_res.c  
src/nisplus/nis\_creategroup.c  
src/nisplus/nis\_defaults.c  
src/nisplus/nis\_destroygroup.c  
src/nisplus/nis\_domain\_of.c  
src/nisplus/nis\_domain\_of\_r.c  
src/nisplus/nis\_file.c  
src/nisplus/nis\_findserv.c  
src/nisplus/nis\_free.c  
src/nisplus/nis\_getservlist.c  
src/nisplus/nis\_hash.c  
src/nisplus/nis\_intern.h  
src/nisplus/nis\_ismember.c  
src/nisplus/nis\_local\_names.c  
src/nisplus/nis\_lookup.c  
src/nisplus/nis\_mkdir.c  
src/nisplus/nis\_modify.c  
src/nisplus/nis\_ping.c  
src/nisplus/nis\_print.c  
src/nisplus/nis\_print\_group\_entry.c  
src/nisplus/nis\_remove.c  
src/nisplus/nis\_removemember.c  
src/nisplus/nis\_rmdir.c  
src/nisplus/nis\_server.c  
src/nisplus/nis\_subr.c  
src/nisplus/nis\_table.c  
src/nisplus/nis\_util.c  
src/nisplus/nis\_verifygroup.c  
src/nisplus/nis\_xdr.c  
src/nisplus/nis\_xdr.h  
src/rpcsvc/nislib.h  
src/rpcsvc/ypclnt.h

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Files: src/rpcsvc/nis\_callback.h  
src/rpcsvc/nis\_callback.x  
src/rpcsvc/nis\_object.x  
src/rpcsvc/nis\_tags.h  
src/rpcsvc/nis.h  
src/rpcsvc/nis.x  
src/rpcsvc/yp.h  
src/rpcsvc/yp.x  
src/rpcsvc/yp\_prot.h  
src/rpcsvc/yppasswd.h  
src/rpcsvc/yppasswd.x

src/rpcsvc/ypupd.h  
src/yp\_xdr.c  
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missing  
test-driver  
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Files: config.rpath  
m4/gettext.m4  
m4/host-cpu-c-abi.m4  
m4/iconv.m4

m4/intlmacosx.m4  
m4/lib-ld.m4  
m4/lib-link.m4  
m4/lib-prefix.m4  
m4/libtool.m4  
m4/ltoptions.m4  
m4/ltsugar.m4  
m4/ltversion.m4  
m4/lt~obsolete.m4  
m4/nls.m4  
m4/po.m4  
m4/progtest.m4

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Files: ABOUT-NLS  
po/Makefile.in.in  
po/Makevars  
po/POTFILES.in  
po/Rules-quot  
po/boldquot.sed  
po/en@boldquot.header  
po/en@quot.header  
po/insert-header.sin  
po/libnsl.pot  
po/quot.sed  
po/remove-potcdate.sin  
po/stamp-po

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## libnspr4

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Upstream-Name: NSPR

Source: <http://ftp.mozilla.org/pub/nspr/releases/>

Files: \*

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Upstream-Name: NSS

Source: <http://ftp.mozilla.org/pub/security/nss/releases/>

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.  
Jean-loup Gailly                      Mark Adler  
jloup@gzip.org                      madler@alumni.caltech.edu  
.

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src/udev/cdrom\_id/cdrom\_id.c

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src/udev/mtd\_probe/mtd\_probe.h

src/udev/mtd\_probe/probe\_smartmedia.c

src/udev/scsi\_id/scsi.h

src/udev/scsi\_id/scsi\_id.c

src/udev/scsi\_id/scsi\_id.h

src/udev/scsi\_id/scsi\_serial.c

src/udev/udevadm.c

src/udev/udevadm-control.c

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## libpcre3

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

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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.

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

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Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

University of Cambridge Computing Service,  
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Upstream-Name: pcsc-lite

Upstream-Contact: muscle@lists.musclecard.com  
ludovic.rousseau@free.fr

Source: [https://alioth.debian.org/project/showfiles.php?group\\_id=1225](https://alioth.debian.org/project/showfiles.php?group_id=1225)

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Upstream-Contact: rpm-maint@lists.rpm.org

Source: <https://ftp.osuosl.org/pub/rpm/popt/releases/popt-1.x/>

Comment:

popt was originally written by Erik Troan when he was with RedHat. It's now maintained as part of Fedora.

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## libpython3.9-minimal

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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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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
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| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
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| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
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##### Mersenne Twister

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The `'_random'` module includes code based on a download from `'http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html'`. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.keio.ac.jp/matsumoto/emt.html>

email: [matsumoto@math.keio.ac.jp](mailto:matsumoto@math.keio.ac.jp)

## Sockets

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The 'socket' module uses the functions, 'getaddrinfo', and  
'getnameinfo', which are coded in separate source files from the WIDE  
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UUencode and UUdecode functions  
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- Use binascii module to do the actual line-by-line conversion  
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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.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
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A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. Th  
e C version is still 5 times faster, though.
- Arguments more compliant with python standard

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-----

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## libpython3-stdlib

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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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| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
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| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
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| 2.4            | 2.3          | 2004      | PSF        | yes                 |
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| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
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This package was put together by Matthias Klose <doko@debian.org>, derived from the bash package by Guy Maor <maor@debian.org>, from the GNU sources at

<ftp.gnu.org:/pub/gnu/readline/readline-6.0.tar.gz>.

Upstream Authors:

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Jeff Solomon <jsolomon@stanford.edu> (examples/excallback.c)  
Harold Levy <Harold.Levy@synopsys.com> (examples/rl-fgets.c)  
Juergen Weigert <jnweiger@immd4.informatik.uni-erlangen.de> (examples/rlfe)  
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Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: librsync

Upstream-Contact:

Martin Pool <mbp@samba.org>

Andrew Tridgell <tridge@samba.org>

Donovan Baarda <abo@minkirri.apana.org.au>

Source: <https://github.com/librsync/librsync>

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Upstream-Name: Cyrus SASL  
Source: <ftp://ftp.cyrusimap.org/cyrus-sasl/>  
Files-Excluded: dlcompat-20010505  
                doc/rfc\*  
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            2006-2009, Fabian Fagerholm <fabbe@debian.org>  
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Comment: The saslfinger utility was downloaded from  
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Upstream-Name: Cyrus SASL

Source: <ftp://ftp.cyrusimap.org/cyrus-sasl/>

Files-Excluded: dlcompat-20010505

doc/rfc\*

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Files: \*

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/

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Source: <https://sourceforge.net/projects/libseccomp/>

Files: \*

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arch-tag: d4250e44-a0e0-4ee0-adb9-2bd74f6eeb27

## libsemanage1

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## libsensors5

This package was debianized by Stephen Crowley <crow@debian.org> and is now maintained by Aurelien Jarno <aurel32@debian.org>.

It was downloaded from [https://hwmon.wiki.kernel.org/lm\\_sensors](https://hwmon.wiki.kernel.org/lm_sensors)

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Upstream-Name: sqlite3

Source: <https://www.sqlite.org/cgi/src/dir?ci=trunk>

Files: \*

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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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Upstream-Name: libssh2  
Upstream-Contact: Daniel Stenberg <daniel@haxx.se>  
Source: <https://libssh2.org/>

Files: \*

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 Fri, 22 Nov 1996 21:29:51 +0100.

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## libstdc++6

This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, D, Fortran 95, Go, Objective-C, Objective-C++, and Modula-2 compilers, documentation, and support libraries. In addition, Debian provides the gm2 compiler, either in the same source package, or built from a separate same source package. 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)
ftp://sourceware.org/pub/newlib/ (for newlib)
git://git.savannah.gnu.org/gm2.git (for Modula-2)
```

The current gcc-10 source package is taken from the SVN gcc-10-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-10          | libgnat-10      | gnat-10-doc       |
| BRIG          | gccbrig-10       | libhsail-rt0    |                   |
| C             | gcc-10           |                 | gcc-10-doc        |
| C++           | g++-10           | libstdc++6      | libstdc++6-10-doc |
| D             | gdc-10           |                 |                   |
| Fortran 95    | gfortran-10      | libgfortran5    | gfortran-10-doc   |
| Go            | gccgo-10         | libgo0          |                   |
| Objective C   | gobjc-10         | libobjc4        |                   |
| Objective C++ | gobjc++-10       |                 |                   |
| Modula-2      | gm2-10           | libgm2          |                   |

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++6-10-dbg | libstdc++6-10-pic    |
| D        | libphobos-10-dev |             |                   |                      |



Additional packages include:

All languages:

|                           |                                     |
|---------------------------|-------------------------------------|
| libgcc1, libgcc2, libgcc4 | GCC intrinsics (platform-dependent) |
| gcc-10-base               | Base files common to all compilers  |
| gcc-10-soft-float         | Software floating point (ARM only)  |
| gcc-10-source             | The sources with patches            |

Ada:

libgnat-util10-dev, libgnat-util10    GNAT version library

C:

|                      |                                       |
|----------------------|---------------------------------------|
| cpp-10, cpp-10-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             |

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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- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
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|                  |                            |
|------------------|----------------------------|
| D:               |                            |
| gdc-10           | GNU D Compiler             |
| libphobos-10-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 Zlib data compression library:

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The Phobos standard runtime library:

- d/phobos/\*

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Upstream-Name: SWUpdate

Upstream-Contact: Stefano Babic <[sbabib@denx.de](mailto:sbabib@denx.de)>

Source: <https://github.com/sbabib/swupdate>

Files-Excluded: examples/www

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2015-2019 Jason A. Donenfeld <Jason@zx2c4.com>

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Files: src/basic/sparse-endian.h

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src/journal/lookup3.h

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Files: src/udev/ata\_id/ata\_id.c

src/udev/cdrom\_id/cdrom\_id.c

src/udev/mtd\_probe/mtd\_probe.c

src/udev/mtd\_probe/mtd\_probe.h

src/udev/mtd\_probe/probe\_smartmedia.c

src/udev/scsi\_id/scsi.h

src/udev/scsi\_id/scsi\_id.c

src/udev/scsi\_id/scsi\_id.h

src/udev/scsi\_id/scsi\_serial.c

src/udev/udevadm.c

src/udev/udevadm-control.c

src/udev/udevadm.h

src/udev/udevadm-info.c

src/udev/udevadm-monitor.c

src/udev/udevadm-settle.c

src/udev/udevadm-test-builtin.c

src/udev/udevadm-test.c

src/udev/udevadm-trigger.c

src/udev/udevadm-util.c

src/udev/udevadm-util.h

src/udev/udev-builtin-blkid.c

src/udev/udev-builtin.h

src/udev/udev-builtin-input\_id.c

src/udev/udev-builtin-kmod.c

src/udev/udev-builtin-path\_id.c

src/udev/udev-builtin-uaccess.c

src/udev/udev-builtin-usb\_id.c

src/udev/udev-ctrl.h

src/udev/udevdev.c

src/udev/udev-event.c

src/udev/udev-event.h  
src/udev/udev-node.c  
src/udev/udev-node.h  
src/udev/udev-rules.c  
src/udev/udev-rules.h  
src/udev/udev-watch.c  
src/udev/udev-watch.h  
src/udev/v4l\_id/v4l\_id.c

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## **libtasn1-6**

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Matthias Urlichs <[smurf@debian.org](mailto:smurf@debian.org)>.

It is now maintained by Andreas Metzler <[ametzler@debian.org](mailto:ametzler@debian.org)>, Eric Dorland

<eric@debian.org> and James Westby <jw+debian@jameswestby.net>

It was downloaded from <https://ftp.gnu.org/gnu/libtasn1/>

Upstream Authors: Fabio Fiorina <fiorinaf@gnutls.org>  
Simon Josefsson <jas@extundo.com>  
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Source: <https://metacpan.org/release/Text-CharWidth>

Upstream-Contact: Tomohiro KUBOTA <[kubota@debian.org](mailto:kubota@debian.org)>

Upstream-Name: Text-CharWidth

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Upstream-Contact: Michael Piotrowski <mxp@dynalabs.de>  
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Upstream-Name: ncurses

Upstream-Contact: [bug-ncurses@gnu.org](mailto:bug-ncurses@gnu.org)

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Files: \*

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Files: install-sh

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Files:     src/auth\_des.c  
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src/authdes\_prot.c  
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src/bindresvport.c  
src/clnt\_bcast.c  
src/clnt\_perror.c  
src/clnt\_raw.c  
src/clnt\_simple.c  
src/clnt\_vc.c  
src/debug.c  
src/debug.h  
src/des\_crypt.c  
src/getnetconfig.c  
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src/getrpcport.c  
src/key\_call.c  
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src/pmap\_clnt.c  
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src/rpc\_callmsg.c  
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src/rtime.c  
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src/xdr\_float.c  
src/xdr\_mem.c  
src/xdr\_rec.c  
src/xdr\_reference.c  
src/xdr\_sizeof.c

src/xdr\_stdio.c  
tirpc/rpc/auth\_des.h  
tirpc/rpc/auth\_unix.h  
tirpc/rpc/des\_crypt.h  
tirpc/rpc/pmap\_clnt.h  
tirpc/rpc/pmap\_prot.h  
tirpc/rpc/pmap\_rmt.h  
tirpc/rpc/raw.h  
tirpc/rpc/rpc\_com.h  
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man/rpc\_gss\_get\_versions.3t  
man/rpc\_gss\_getcred.3t  
man/rpc\_gss\_is\_installed.3t  
man/rpc\_gss\_max\_data\_length.3t  
man/rpc\_gss\_mech\_to\_oid.3t  
man/rpc\_gss\_qop\_to\_num.3t  
man/rpc\_gss\_seccreate.3t  
man/rpc\_gss\_set\_callback.3t  
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Source: <https://sourceforge.net/projects/libtirpc/>

Files: \*

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Files: debian/\*

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              src/auth\_none.c  
              src/auth\_unix.c  
              src/authdes\_prot.c  
              src/authunix\_prot.c  
              src/bindresvport.c  
              src/clnt\_bcast.c  
              src/clnt\_perror.c  
              src/clnt\_raw.c  
              src/clnt\_simple.c  
              src/clnt\_vc.c  
              src/debug.c  
              src/debug.h  
              src/des\_crypt.c  
              src/getnetconfig.c  
              src/getnetpath.c  
              src/getrpcent.c  
              src/getrpcport.c  
              src/key\_call.c  
              src/key\_prot\_xdr.c  
              src/pmap\_clnt.c  
              src/pmap\_getmaps.c  
              src/pmap\_getport.c  
              src/pmap\_prot.c  
              src/pmap\_prot2.c  
              src/pmap\_rmt.c  
              src/rpc\_callmsg.c  
              src/rpc\_com.h  
              src/rpc\_commondata.c  
              src/rpc\_dtablesize.c  
              src/rpc\_generic.c

src/rpc\_prot.c  
src/rpc\_soc.c  
src/rpcb\_prot.c  
src/rpcb\_st\_xdr.c  
src/rtime.c  
src/svc\_auth.c  
src/svc\_auth\_des.c  
src/svc\_auth\_unix.c  
src/svc\_dg.c  
src/svc\_generic.c  
src/svc\_raw.c  
src/svc\_simple.c  
src/svc\_vc.c  
src/xdr\_array.c  
src/xdr\_float.c  
src/xdr\_mem.c  
src/xdr\_rec.c  
src/xdr\_reference.c  
src/xdr\_sizeof.c  
src/xdr\_stdio.c  
tirpc/rpc/auth\_des.h  
tirpc/rpc/auth\_unix.h  
tirpc/rpc/des\_crypt.h  
tirpc/rpc/pmap\_clnt.h  
tirpc/rpc/pmap\_prot.h  
tirpc/rpc/pmap\_rmt.h  
tirpc/rpc/raw.h  
tirpc/rpc/rpc\_com.h  
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          compile  
          config.guess  
          config.sub  
          configure  
          depcomp



doc/Makefile.in  
install-sh  
ltmain.sh  
m4/libtool.m4  
m4/ltoptions.m4  
m4/ltsugar.m4  
m4/ltversion.m4  
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man/rpc\_gss\_get\_mechanisms.3t  
man/rpc\_gss\_get\_principal\_name.3t  
man/rpc\_gss\_get\_versions.3t  
man/rpc\_gss\_getcred.3t  
man/rpc\_gss\_is\_installed.3t  
man/rpc\_gss\_max\_data\_length.3t  
man/rpc\_gss\_mech\_to\_oid.3t  
man/rpc\_gss\_qop\_to\_num.3t  
man/rpc\_gss\_seccreate.3t  
man/rpc\_gss\_set\_callback.3t  
man/rpc\_gss\_set\_defaults.3t  
man/rpc\_gss\_set\_svc\_name.3t  
man/rpc\_gss\_svc\_max\_data\_length.3t  
man/rpcsec\_gss.3t

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Upstream-Contact: [systemd-devel@lists.freedesktop.org](mailto:systemd-devel@lists.freedesktop.org)

Source: <https://www.freedesktop.org/wiki/Software/systemd/>

Files: \*

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src/udev/mtd\_probe/mtd\_probe.c  
src/udev/mtd\_probe/mtd\_probe.h  
src/udev/mtd\_probe/probe\_smartmedia.c  
src/udev/scsi\_id/scsi.h  
src/udev/scsi\_id/scsi\_id.c  
src/udev/scsi\_id/scsi\_id.h  
src/udev/scsi\_id/scsi\_serial.c  
src/udev/udevadm.c  
src/udev/udevadm-control.c  
src/udev/udevadm.h  
src/udev/udevadm-info.c  
src/udev/udevadm-monitor.c  
src/udev/udevadm-settle.c  
src/udev/udevadm-test-builtin.c  
src/udev/udevadm-test.c  
src/udev/udevadm-trigger.c  
src/udev/udevadm-util.c  
src/udev/udevadm-util.h  
src/udev/udev-builtin-blkid.c  
src/udev/udev-builtin.h  
src/udev/udev-builtin-input\_id.c  
src/udev/udev-builtin-kmod.c  
src/udev/udev-builtin-path\_id.c  
src/udev/udev-builtin-uaccess.c  
src/udev/udev-builtin-usb\_id.c  
src/udev/udev-ctrl.h  
src/udev/udevdev.c  
src/udev/udev-event.c  
src/udev/udev-event.h  
src/udev/udev-node.c  
src/udev/udev-node.h  
src/udev/udev-rules.c  
src/udev/udev-rules.h  
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## libxcb-shm0

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## libxfixes3

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Upstream-Name: libxml2

Source: <ftp://xmlsoft.org/libxml2/>

Files-Excluded:

result

test

Comment:

Bug about the removal of the above directories: <https://bugs.debian.org/331534>

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Upstream-Name: xxhash

Source: <https://github.com/Cyan4973/xxHash>

Comment: The library files `xxhash.c` and `xxhash.h` are BSD licensed.  
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Upstream-Name: z3

Source: <https://github.com/Z3Prover/z3>

Files: \*

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Upstream-Name: Zstd

Source: <https://github.com/facebook/zstd>

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Comment: Starting from 1.3.1 zstd's patent claim is removed  
see: <https://github.com/facebook/zstd/pull/801>

Files: zlibWrapper/examples/\*.c

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Files: zlibWrapper/gz\*.c

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Special thanks are due to Chip Rosenthal for his fine testing efforts; to Steve Simmons for his work in porting this code to BSD; and to Bill Kennedy for his contributions of LaserJet printer time and energies. Also, thanks for Dennis L. Mumaugh for the initial shadow password information and to Tony Walton (olapw@olgb1.oliv.co.uk) for the System V Release 4 changes. Effort in porting to SunOS has been contributed by Dr. Michael Newberry (miken@cs.adfa.oz.au) and Micheal J. Miller, Jr.

(mke@kaber.drain.com). Effort in porting to AT&T UNIX System V Release 4 has been provided by Andrew Herbert (andrew@werple.pub.uu.oz.au). Special thanks to Marek Michalkiewicz (marekm@i17linuxb.ists.pwr.wroc.pl) for taking over the Linux port of this software.

Source files: login\_access.c, login\_desrpc.c, login\_krb.c are derived from the logdaemon-5.0 package, which is under the following license:

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Upstream-Name: logrotate

Upstream-Contact: <https://github.com/logrotate/logrotate/issues>

Source: <https://github.com/logrotate/logrotate>

Files: \*

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Dan Walsh, Peter Vrabec, Jesse Keating, Tomas Smeta

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Files: queue.h

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## logsave

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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Upstream-Name: LSB implementation package

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Upstream Author:  
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Upstream-Name: lsof

Source: <https://github.com/lsof-org/lsof>

Files-Excluded: dialects/uw

Comment: We remove everything in dialects/uw because it isn't needed for Debian, and also claims to be proprietary SCO code.

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## mawk

This is the Debian GNU prepackaged version of mawk, an implementation of the AWK Programming Language. mawk was written by Mike Brennan <brennan@whidbey.com>

This package was put together by Chris Fearnley <cjf@netaxs.com>, from sources obtained from:  
`ftp://ftp.whidbey.net/pub/brennan/mawk1.3.3.tar.gz`

It is currently being maintained by James Troup <james@nocrew.org>.

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Files: \*

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## mono-4.0-gac

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Upstream-Name: Mono

Source: <http://download.mono-project.com/sources/mono/>

Comment: Binaries included to bootstrap. See README.source

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external/ikvm/openjdk/java/awt/image/BufferedImage.java  
external/ikvm/openjdk/java/awt/image/IndexColorModel.java  
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external/ikvm/openjdk/sun/awt/image/GifImageDecoder.java  
external/ikvm/openjdk/sun/awt/image/JPEGImageDecoder.java

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external/ikvm/openjdk/sun/awt/image/IkvmImageDecoder.java
external/ikvm/openjdk/sun/awt/image/ImageRepresentation.java
external/ikvm/openjdk/sun/nio/ch/SelectionKeyImpl.java
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mcs/nunit24/NUnitExtensions/framework/SpecialValue.cs,  
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external/boringssl/crypto/ex\_data.c,

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external/boringssl/crypto/cipher/cipher.c,  
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external/boringssl/crypto/obj/obj\_test.cc,  
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external/ikvm/openjdk/sun/java2d/*
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external/ikvm/openjdk/GenerateSystemCore.cs
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Comment: Binaries included to bootstrap. See README.source

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external/boringssl/crypto/rsa/rsa\_asn1.c,  
external/boringssl/crypto/rsa/rsa\_asn1.c,  
external/boringssl/crypto/pem/pem\_x509.c,  
external/boringssl/crypto/pem/pem\_xaux.c,  
external/boringssl/crypto/modes/\*,  
external/boringssl/crypto/evp/evp\_test.cc,

external/boringssl/crypto/ecdsa/ecdsa\_test.cc,  
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external/boringssl/crypto/sha/asm/\*,  
external/boringssl/crypto/poly1305/asm/\*,  
external/boringssl/crypto/chacha/asm/\*,  
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external/boringssl/decrepit/rsa/\*,  
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external/boringssl/crypto/digest/\*,  
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external/boringssl/crypto/cipher/e\_rc4.c,  
external/boringssl/crypto/cipher/cipher.c,  
external/boringssl/crypto/cipher/derive\_key.c,  
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external/boringssl/crypto/des/\*,  
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external/boringssl/crypto/obj/obj\_test.cc,  
external/boringssl/crypto/aes/aes\_test.cc,  
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## mono-runtime-sgen

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>  
/

Upstream-Name: Mono

Source: <http://download.mono-project.com/sources/mono/>

Comment: Binaries included to bootstrap. See README.source

Files: \*

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text-utils/hexdump-display.c  
text-utils/hexdump-parse.c  
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include/xalloc.h

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Upstream-Name: ncurses

Upstream-Contact: [bug-ncurses@gnu.org](mailto:bug-ncurses@gnu.org)

Thomas Dickey <[dickey@his.com](mailto:dickey@his.com)>

Source: <https://invisible-mirror.net/archives/ncurses/>

Files: \*

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Upstream-Name: net-tools

Upstream-Contact: Phil Blundell <[philb@gnu.org](mailto:philb@gnu.org)>  
Bernd Eckenfels <[net-tools@lina.inka.de](mailto:net-tools@lina.inka.de)>

Source: <http://sourceforge.net/projects/net-tools/>

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Source: <http://git.netfilter.org/nftables>

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Source: <https://github.com/openjdk/jdk11u>

Comment:

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This package was debianized by Matthias Klose <doko@ubuntu.com> on
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 http://ftppna2.bea.com/pub/downloads/jsr173.jar
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00000 000 0000000000. 0000000 00000
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 888 8 888 .d88' Y888..8P
 888 8 888ooo88P' `8888'
 888 8 888 .8PY888.
`88.      .8'   888                d8' `888b
 `YbodP' o888o o888o o88888o
```

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src/java.desktop/share/native/libjavajpeg/jf*
src/java.desktop/share/native/libjavajpeg/ji*.c
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src/java.desktop/share/native/libjavajpeg/jpeg*
src/java.desktop/share/native/libjavajpeg/jpeglib.h
src/java.desktop/share/native/libjavajpeg/jq*
src/java.desktop/share/native/libjavajpeg/jv*
src/java.desktop/share/native/libjavajpeg/ju*
src/java.desktop/share/native/libjavajpeg/README
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Source: <https://github.com/openjdk/jdk11u>

Comment:

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- The files in openjdk/j2se/src/share/classes/javax/xml/stream/ seem to comprise the BEA-StAX source code

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<http://ftpn2.bea.com/pub/downloads/jsr173.jar>

.  
with some Sun-specific modifications. We're assuming that Sun is bundling BEA-StAX under the terms of the Apache License 2.0 and that the modifications are owned by Sun.

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openjdk/j2se/src/share/classes/\*\*/resources/\*.properties

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The downloaded sources include a script that inserts proprietary license headers into the source files it generates. The script itself is GPL'd so we patched them to emit the GPL header. The file is:

openjdk/j2se/make/java/nio/genExceptions.sh

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`88.      .8'  888           d8'  `888b
 `YbodP' o888o o888o o88888o

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Upstream-Contact: openssh-unix-dev@mindrot.org

Source: <http://www.openssh.com/portable.html>

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

.  
@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>  
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>  
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Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: OpenSSH

Upstream-Contact: openssh-unix-dev@mindrot.org

Source: <http://www.openssh.com/portable.html>

Comment:

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

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@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

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Upstream-Name: OpenSSH

Upstream-Contact: [openssh-unix-dev@mindrot.org](mailto:openssh-unix-dev@mindrot.org)

Source: <http://www.openssh.com/portable.html>

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Upstream-Name: perl  
Source: <http://www.perl.com/CPAN/src/5.0/>  
Comment:  
  This package was initially debianized by Brendan O'Dea <bod@debian.org> on Thu, 17 Aug 2000 16:10:54 +1000. The packaging has since been modified

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dist/Dumpvalue/\*  
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cpan/ExtUtils-Manifest/\*  
dist/I18N-Collate/\*  
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ext/Fcntl/\*  
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ext/Opcode/\*  
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ext/re/\*  
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cpan/CPAN-Meta/lib/CPAN/Meta/History/Meta\_1\_2.pod

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cpan/Locale-Maketext-Simple/t/po\_with\_i\_default/fr.po  
cpan/Locale-Maketext-Simple/t/po\_with\_i\_default/en.po  
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cpan/podlators/t/lib/Test/RRA/Config.pm

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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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| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
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| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4   | 2.3   | 2004 | PSF | yes |
| 2.4.1 | 2.4   | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5   | 2.4   | 2006 | PSF | yes |
| 2.5.1 | 2.5   | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |

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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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|----------------|-----------|-----------|------------|-----------------|
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| 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes             |
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| 1.6.1          | 1.6       | 2001      | CNRI       | yes (2)         |
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| 2.2            | 2.1.1     | 2001      | PSF        | yes             |
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A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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## Sockets

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UUencode and UUdecode functions  
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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. Th

e C

- version is still 5 times faster, though.

- Arguments more compliant with python standard

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Python was created in the early 1990s by Guido van Rossum at Stichting  
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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  
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| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
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| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
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##### Mersenne Twister

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The `\_random' module includes code based on a download from <http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html>'. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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Sockets  
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The 'socket' module uses the functions, 'getaddrinfo', and 'getnameinfo', which are coded in separate source files from the WIDE Project, '<http://www.wide.ad.jp/about/index.html>'.

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Cookie management

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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The

version

is still 5 times faster, though.

- Arguments more compliant with python standard

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## python3-minimal

This is the Debian GNU/Linux prepackaged version of the Python programming language. Python was written by Guido van Rossum <guido@cwi.nl> and others.

This package was put together by Klee Dienes <klee@debian.org> from sources from [ftp.python.org/pub/python](http://ftp.python.org/pub/python), based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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### A. HISTORY OF THE SOFTWARE

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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.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |
| 2.4.4          | 2.4.3        | 2006      | PSF        | yes                 |
| 2.5            | 2.4          | 2006      | PSF        | yes                 |
| 2.5.1          | 2.5          | 2007      | PSF        | yes                 |
| 2.5.2          | 2.5.1        | 2008      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |

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- (2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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This package was put together by Matthias Klose <doko@debian.org>, derived from the bash package by Guy Maor <maor@debian.org>, from the GNU sources at

<ftp.gnu.org:/pub/gnu/readline/readline-6.0.tar.gz>.

Upstream Authors:

Chet Ramey <chet.ramey@case.edu>  
Jeff Solomon <jsolomon@stanford.edu> (examples/excallback.c)  
Harold Levy <Harold.Levy@synopsys.com> (examples/rl-fgets.c)

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Upstream-Name: dh-runit

Source: <https://salsa.debian.org/debian/dh-runit.git>

Files: \*

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It is currently maintained by Clint Adams <clint@debian.org>

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Files: \*

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man/utf8toman.sed

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## ssh

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Upstream-Name: OpenSSH

Upstream-Contact: [openssh-unix-dev@mindrot.org](mailto:openssh-unix-dev@mindrot.org)

Source: <http://www.openssh.com/portable.html>

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Files: \*

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.  
@version 3.0 (December 2000)

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

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

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The upstream sources can be found at <http://sourceforge.net/projects/strace/>

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## sudo

This is the Debian GNU/Linux prepackaged version of sudo. sudo is used to provide limited super user privileges to specific users.

Bdale Garbee <bdale@gag.com> maintains this package using sources from

<http://www.sudo.ws/>

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Upstream-Name: SWUpdate

Upstream-Contact: Stefano Babic <sbabic@denx.de>

Source: <https://github.com/sbabic/swupdate>

Files-Excluded: examples/www

Files: \*

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configs/\*  
examples/configuration/swupdate.cfg  
examples/description/\*  
examples/lua-xml/\*  
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core/bootloader.c  
core/state.c  
include/channel\*.h  
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include/compat.h  
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include/suricata/\*  
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Upstream-Contact: [systemd-devel@lists.freedesktop.org](mailto:systemd-devel@lists.freedesktop.org)

Source: <https://www.freedesktop.org/wiki/Software/systemd/>

Files: \*

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src/udev/mtd\_probe/probe\_smartmedia.c

src/udev/scsi\_id/scsi.h

src/udev/scsi\_id/scsi\_id.c

src/udev/scsi\_id/scsi\_id.h

src/udev/scsi\_id/scsi\_serial.c

src/udev/udevadm.c

src/udev/udevadm-control.c

src/udev/udevadm.h

src/udev/udevadm-info.c

src/udev/udevadm-monitor.c

src/udev/udevadm-settle.c

src/udev/udevadm-test-builtin.c

src/udev/udevadm-test.c

src/udev/udevadm-trigger.c

src/udev/udevadm-util.c

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src/udev/udev-builtin-blkid.c

src/udev/udev-builtin.h

src/udev/udev-builtin-input\_id.c

src/udev/udev-builtin-kmod.c  
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src/udev/udev-node.h  
src/udev/udev-rules.c  
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Upstream-Contact: sysvinit-devel@nongnu.org

Source: <https://download.savannah.gnu.org/releases/sysvinit/>

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This package is maintained for Debian by Janos Lenart <[ocsi@debian.org](mailto:ocsi@debian.org)>, and was built from the sources found at:

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Source: <http://sourceforge.net/projects/traceroute/files/>

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It was downloaded from <http://mama.indstate.edu/users/ice/tree/>

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Source: <https://www.denx.de/wiki/U-Boot>

Files-Excluded:

drivers/dma/MCD\_tasks.c

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include/tca642x.h  
board/gdsys/p1022/tlb.c  
board/gdsys/p1022/sdhc\_boot.c  
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board/gdsys/p1022/controlcenterd.c  
board/gdsys/p1022/law.c  
board/gdsys/common/dp501.h  
common/splash.c  
fs/jffs2/compr\_lzo.c  
arch/arm/include/asm/arch-am33xx/hardware\_ti816x.h



arch/arm/mach-exynos/dmc\_init\_exynos4.c  
arch/arm/mach-exynos/lowlevel\_init.c  
arch/arm/mach-exynos/clock\_init\_exynos4.c  
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fs/yaffs2/yaffs\_trace.h  
fs/yaffs2/yaffs\_guts.h  
fs/yaffs2/yaffs\_getblockinfo.h  
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src/udev/udev-rules.c  
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## unzip

This is the Debian prepackaged version of "unzip", Info-Zip's fast,  
portable, zipfile decompression utility.

This package is currently maintained by Santiago Vila <[sanvila@debian.org](mailto:sanvila@debian.org)  
>  
and built from sources obtained from:

<ftp://ftp.info-zip.org/pub/infozip/src/unzip60.tgz>

The changes were fairly minimal, and consisted solely of adding  
various debian/\* files to the distribution, plus several miscellaneous  
fixes as reflected in the Debian changelog.

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## usbutils

This package was debianized by Christopher L Cheney <ccheney@debian.org> on Wed, 13 Jun 2001 11:20:06 -0500.

It was downloaded from <https://www.kernel.org/pub/linux/utils/usb/usbutils/>

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Source: <https://github.com/vim/vim>

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## wget

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J. Ramos Goncalves <[ramos@debian.org](mailto:ramos@debian.org)> on Thu, 13 Feb 1997 23:15:18 +0000

Nicolás Lichtmaier <nick@debian.org> on Sat, 18 Oct 1997 21:23:12 -0300  
Noël Köthe <noel@debian.org> on Mon, 18 Feb 2002 09:53:00 +0100

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Upstream Author: Giuseppe Scrivano <gscrivano@gnu.org>

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## whiptail

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newt was written by Erik Troan <ewt@redhat.com>.

The original package was put together by Enrique Zanardi  
<ezanard@debian.org>, from sources obtained from:  
<ftp://ftp.redhat.com/pub/redhat/redhat-7.0-en/os/i386/SRPMS/newt-0.50.17-1.src.rpm>  
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## x11-common

Source Package: xorg

Debian/Ubuntu package authors: Branden Robinson, Fabio M. Di Nitto, Daniel

Stone and others

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## xkb-data

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## xz-utils

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>  
<https://tukaani.org/xz/lists.html>

Source:

<https://tukaani.org/xz>  
<https://git.tukaani.org/xz.git>

Comment:

XZ Utils is developed and maintained upstream by Lasse Collin. Major portions are based on code by other authors; see AUTHORS for details. Most of the source has been put into the public domain, but some files have not (details below).

·  
This file describes the source package. The binary packages contain



some files derived from other works: for example, images in the API documentation come from Doxygen.

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- - The scripts to grep, diff, and view compressed files have been adapted from gzip. These scripts and their documentation are under GNU GPLv2+.
- - All the documentation in the doc directory and most of the XZ Utils specific documentation files in other directories are in the public domain.
- - Translated messages are in the public domain.
- - The build system contains public domain files, and files that are under GNU GPLv2+ or GNU GPLv3+. None of these files end up in the binaries being built.
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Comment:

From: Lasse Collin <[lasse.collin@tukaani.org](mailto:lasse.collin@tukaani.org)>  
To: Jonathan Nieder <[jrnieder@gmail.com](mailto: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>

.  
[...]

.  
> AUTHORS, ChangeLog, COPYING, README, THANKS, TODO,  
> dos/README, windows/README

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Files: INSTALL NEWS PACKAGERS

windows/README-Windows.txt

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Files: src/scripts/\* lib/\* extra/scanlzma/scanlzma.c

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Files: src/liblzma/check/crc32\_table\_?e.h  
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changelog.gz (commit 975d8fd) explains:

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Recreated the BCJ test files for x86 and SPARC. The old files were linked with crt\*.o, which are copyrighted, and thus the old test files were not in the public domain as a whole. They are freely distributable though, but it is better to be careful and avoid including any copyrighted pieces in the test files.

The new files are just compiled and assembled object files,  
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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

License: config-h

configure.ac:

.

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.
dnl From Bruno Haible.
.
comments from Autoconf 2.52g:
.
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dos/config.h was generated with autoheader, which tells Autoconf to
output a script to generate a config.h file and then runs it.

```

Files: po/Makevars

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

Copyright: © 2003 Free Software Foundation, Inc.

Authors: Bruno Haible

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```

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and the text of intl/COPYING.LIB-2.1 can be found in
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## **zlib1g**

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

Upstream-Name: zlib

Upstream-Contact: [zlib@gzip.org](mailto:zlib@gzip.org)

Source: <http://zlib.net/>

Comment: This is the pre-packaged Debian Linux version of the zlib compression

library. It was packaged by Michael Alan Dorman <[mdorman@debian.org](mailto:mdorman@debian.org)> from sources originally retrieved from <ftp.uu.net> in the directory /pub/archiving/zip/zlib as the file `zlib-1.0.4.tar.gz`.

.  
The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

Files-Excluded:

- contrib/ada
- contrib/amd64
- contrib/asm686
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- contrib/delphi
- contrib/dotzlib
- contrib/gcc\_gvmat64
- contrib/infbck9
- contrib/inflate86
- contrib/iostream
- contrib/iostream2
- contrib/iostream3
- contrib/masmx64
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doc/rfc1950.txt  
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.

Jean-loup Gailly

jloup@gzip.org

Mark Adler

madler@alumni.caltech.edu

.

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