



DIGITS

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lib/autotest/autotest.m4
lib/autotest/specific.m4
lib/autotest/general.m4
lib/m4sugar/m4sh.m4
lib/m4sugar/m4sugar.m4
lib/m4sugar/foreach.m4
lib/autoconf/functions.m4
lib/autoconf/oldnames.m4
lib/autoconf/c.m4
lib/autoconf/status.m4
lib/autoconf/go.m4
lib/autoconf/autoheader.m4
lib/autoconf/autoupdate.m4
lib/autoconf/autotest.m4
lib/autoconf/specific.m4
lib/autoconf/types.m4
lib/autoconf/erlang.m4
lib/autoconf/autoscan.m4
lib/autoconf/programs.m4
lib/autoconf/autoconf.m4
lib/autoconf/headers.m4
lib/autoconf/general.m4
lib/autoconf/lang.m4
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lib/Autom4te/Configure_ac.pm

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Name: base-passwd

Maintainer: Colin Watson <cjwatson@debian.org>

Files: update-passwd.c, man/*

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```
ftp://ftp.gnu.org/pub/gnu/binutils/
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cvs://pserver:anoncvs@sources.redhat.com:/cvs/src
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Julian Seward, jseward@bzip.org
 bzip2/libbzip2 version 1.0.6 of 6 September 2010

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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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dnl From Simon Josefsson

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doc/coreutils.texi (The GNU Coreutils Manual)

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cpp-5:

This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, Fortran 95, Java, Objective-C, Objective-C++, and Treelang compilers, documentation, and support libraries. In addition, Debian provides the gdc 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)
http://bitbucket.org/goshawk/gdc   (for D)
```

The current gcc-5 source package is taken from the SVN gcc-5-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-5 | libgnat-5 | gnat-5-doc |
| C | gcc-5 | | gcc-5-doc |
| C++ | g++-5 | libstdc++6 | libstdc++6-5-doc |
| D | gdc-5 | | |
| Fortran 95 | gfortran-5 | libgfortran3 | gfortran-5-doc |
| Go | gccgo-5 | libgo0 | |
| Java | gcj-5 | libgcj10 | libgcj-doc |
| Objective C | gobjc-5 | libobjc2 | |
| Objective C++ | gobjc++-5 | | |

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++6-5-dbg | libstdc++6-5-pic |
| D | libphobos-5-dev | | | |
| Java | libgcj10-src | libgcj10-dev | libgcj10-dbg | |

Additional packages include:

All languages:
libgcc1, libgcc2, libgcc4 GCC intrinsics (platform-dependent)
gcc-5-base Base files common to all compilers
gcc-5-soft-float Software floating point (ARM only)
gcc-5-source The sources with patches

Ada:

libgnatvsn-dev, libgnatvsn5 GNAT version library

libgnatprj-dev, libgnatprj5 GNAT Project Manager library

C:

cpp-5, cpp-5-doc GNU C Preprocessor
 libssp0-dev, libssp0 GCC stack smashing protection library
 libquadmath0 Math routines for the __float128 type
 fixincludes Fix non-ANSI header files

Java:

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

C, C++ and Fortran 95:

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

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

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- libatomic
- libdecnumber
- libgomp
- libitm
- libssp

- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-5 Ada support library and libgnatvsn library.
- Various config files in gcc/config/ used in runtime libraries.
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Version 3.1, 31 March 2009

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- * Cygnus Support, drepper@cygnus.com.

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Source: http://curl.haxx.se

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Upstream-Name: cython

Upstream-Contact: cython-devel@python.org

Source: <http://github.com/cython/cython>

Files: *

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Source: native package

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findutils:

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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.

Upstream Authors:

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

Upstream-Name: DejaVu fonts

Upstream-Author: Stepan Roh <src@users.sourceforge.net> (original author),
see /usr/share/doc/ttf-dejavu/AUTHORS for full list

Source: <http://dejavu-fonts.org/>

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```
g++-5:
```

```
This is the Debian GNU/Linux prepackaged version of the GNU compiler
collection, containing Ada, C, C++, Fortran 95, Java, Objective-C,
Objective-C++, and Treelang compilers, documentation, and support
libraries. In addition, Debian provides the gdc 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)
http://bitbucket.org/goshawk/gdc (for D)
```

```
The current gcc-5 source package is taken from the SVN gcc-5-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-5 | libgnat-5 | gnat-5-doc |
| C | gcc-5 | | gcc-5-doc |
| C++ | g++-5 | libstdc++6 | libstdc++6-5-doc |
| D | gdc-5 | | |
| Fortran 95 | gfortran-5 | libgfortran3 | gfortran-5-doc |
| Go | gccgo-5 | libgo0 | |
| Java | gcj-5 | libgcj10 | libgcj-doc |
| Objective C | gobjc-5 | libobjc2 | |
| Objective C++ | gobjc++-5 | | |

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++6-5-dbg | libstdc++6-5-pic |
| D | libphobos-5-dev | | | |
| Java | libgcj10-src | libgcj10-dev | libgcj10-dbg | |

Additional packages include:

All languages:

| | |
|---------------------------|-------------------------------------|
| libgcc1, libgcc2, libgcc4 | GCC intrinsics (platform-dependent) |
| gcc-5-base | Base files common to all compilers |
| gcc-5-soft-float | Software floating point (ARM only) |
| gcc-5-source | The sources with patches |

Ada:

| | |
|-----------------------------|------------------------------|
| libgnatvsn-dev, libgnatvsn5 | GNAT version library |
| libgnatprj-dev, libgnatprj5 | GNAT Project Manager library |

C:

| | |
|----------------------|---------------------------------------|
| cpp-5, cpp-5-doc | GNU C Preprocessor |
| libssp0-dev, libssp0 | GCC stack smashing protection library |
| libquadmath0 | Math routines for the __float128 type |
| fixincludes | Fix non-ANSI header files |

Java:

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

C, C++ and Fortran 95:

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

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

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- libatomic
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- libgomp
- libitm
- libssp
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- The libgnat-5 Ada support library and libgnatvsn library.
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LLVM Team

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 * Cygnus Support, drepper@cygnus.com.

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D:
gdc-5 GNU D Compiler
libphobos-5-dev D standard runtime library

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

The D front-end for GCC:
- d/*

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The DMD Compiler implementation of the D programming language:

- d/dmd/*

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The Zlib data compression library:

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

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The Phobos standard runtime library:

- d/phobos/*

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gcc-5:

This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, Fortran 95, Java, Objective-C, Objective-C++, and Treelang compilers, documentation, and support libraries. In addition, Debian provides the gdc 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)
http://bitbucket.org/goshawk/gdc   (for D)
```

The current gcc-5 source package is taken from the SVN gcc-5-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-5 | libgnat-5 | gnat-5-doc |
| C | gcc-5 | | gcc-5-doc |
| C++ | g++-5 | libstdc++6 | libstdc++6-5-doc |
| D | gdc-5 | | |
| Fortran 95 | gfortran-5 | libgfortran3 | gfortran-5-doc |
| Go | gccgo-5 | libgo0 | |
| Java | gcj-5 | libgcj10 | libgcj-doc |
| Objective C | gobjc-5 | libobjc2 | |
| Objective C++ | gobjc++-5 | | |

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++6-5-dbg | libstdc++6-5-pic |
| D | libphobos-5-dev | | | |
| Java | libgcj10-src | libgcj10-dev | libgcj10-dbg | |

Additional packages include:

All languages:

| | |
|---------------------------|-------------------------------------|
| libgcc1, libgcc2, libgcc4 | GCC intrinsics (platform-dependent) |
| gcc-5-base | Base files common to all compilers |
| gcc-5-soft-float | Software floating point (ARM only) |
| gcc-5-source | The sources with patches |

Ada:

| | |
|-----------------------------|------------------------------|
| libgnatvsn-dev, libgnatvsn5 | GNAT version library |
| libgnatprj-dev, libgnatprj5 | GNAT Project Manager library |

C:

| | |
|----------------------|---------------------------------------|
| cpp-5, cpp-5-doc | GNU C Preprocessor |
| libssp0-dev, libssp0 | GCC stack smashing protection library |
| libquadmath0 | Math routines for the __float128 type |
| fixincludes | Fix non-ANSI header files |

Java:

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

C, C++ and Fortran 95:

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

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

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- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
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- libgfortran
- The libgnat-5 Ada support library and libgnatvsn library.
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D:

| | |
|-----------------|----------------------------|
| gdc-5 | GNU D Compiler |
| libphobos-5-dev | D standard runtime library |

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

The D front-end for GCC:

- d/*

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The DMD Compiler implementation of the D programming language:
- d/dmd/*

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The Zlib data compression library:
- d/phobos/etc/c/zlib/*

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The Phobos standard runtime library:
- d/phobos/*

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gcc-5-base:amd64:

gcc-6-base:amd64:

gfortran:

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gfortran-5:

This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, Fortran 95, Java, Objective-C, Objective-C++, and Treelang compilers, documentation, and support libraries. In addition, Debian provides the gdc 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)
http://bitbucket.org/goshawk/gdc   (for D)
```

The current gcc-5 source package is taken from the SVN gcc-5-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-5 | libgnat-5 | gnat-5-doc |
| C | gcc-5 | | gcc-5-doc |
| C++ | g++-5 | libstdc++6 | libstdc++6-5-doc |
| D | gdc-5 | | |
| Fortran 95 | gfortran-5 | libgfortran3 | gfortran-5-doc |
| Go | gccgo-5 | libgo0 | |
| Java | gcj-5 | libgcj10 | libgcj-doc |
| Objective C | gobjc-5 | libobjc2 | |
| Objective C++ | gobjc++-5 | | |

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++6-5-dbg | libstdc++6-5-pic |
| D | libphobos-5-dev | | | |
| Java | libgcj10-src | libgcj10-dev | libgcj10-dbg | |

Additional packages include:

All languages:

| | |
|---------------------------|-------------------------------------|
| libgcc1, libgcc2, libgcc4 | GCC intrinsics (platform-dependent) |
| gcc-5-base | Base files common to all compilers |
| gcc-5-soft-float | Software floating point (ARM only) |
| gcc-5-source | The sources with patches |

Ada:

| | |
|-----------------------------|------------------------------|
| libgnatvs-dev, libgnatvs5 | GNAT version library |
| libgnatprj-dev, libgnatprj5 | GNAT Project Manager library |

C:

| | |
|----------------------|---------------------------------------|
| cpp-5, cpp-5-doc | GNU C Preprocessor |
| libssp0-dev, libssp0 | GCC stack smashing protection library |
| libquadmath0 | Math routines for the __float128 type |
| fixincludes | Fix non-ANSI header files |

Java:

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

C, C++ and Fortran 95:

| | |
|-----------------------|-----------------------------------|
| libgomp-dev, libgomp1 | GCC OpenMP (GOMP) support library |
| libitm-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
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- libitm
- libssp
- libstdc++-v3
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D:
gdc-5 GNU D Compiler
libphobos-5-dev D standard runtime library

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

The D front-end for GCC:

- d/*

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The DMD Compiler implementation of the D programming language:

- d/dmd/*

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The Zlib data compression library:

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

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The Phobos standard runtime library:

- d/phobos/*

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lib/gd/gdxpm.c

Caolan.McNamara@ul.ie <http://www.csn.ul.ie/~caolan>

lib/gd/gd_gif_out.c header

Based on GIFENCOD by David Rowley <mgardi@watdscu.waterloo.edu>

Modified by Marcel Wijkstra <wijkstra@fwi.uva.nl>

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lib/gd/gd_security.c

Written 2004, Phil Knirsch.
Based on netpbm fixes by Alan Cox.

lib/gd/jisx0208.h

This file was derived from "src/VF_Ftype.c" in VFLib2-2.24.2
by Dr. Kakugawa

tclpkg/gv/demo/modgraph.py

author: Michael Hohn <mhhohn@lbl.gov>
based on: modgraph.tcl by John Ellson <ellson@research.att.com>

tclpkg/gv/demo/modgraph.rb

based on: modgraph.tcl by: John Ellson <ellson@research.att.com>
ruby adaptation by: Patricio Ros <patricioros.dev@gmail.com>
additional fixes: Ralph Mueller <ralf.mueller@zmaw.de>

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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/>

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libaec-dev:amd64:

libaec0:amd64:

libapparmor1:amd64:

libapt-pkg5.0:amd64:

libarchive13:amd64:

libasan2:amd64:

libasn1-8-heimdal:amd64:

libatlas-base-dev:

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libatomic1:amd64:

libattr1:amd64:

libaudit-common:

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libboost-context1.58-dev:amd64:

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libboost-coroutine-dev:amd64:

libboost-coroutine1.58-dev:amd64:

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libboost-coroutine1.58.0:amd64:
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libboost-date-time1.58-dev:amd64:
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libboost-exception-dev:amd64:
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libboost-exception1.58-dev:amd64:
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```
Upstart-Name: boost
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Source: http://sourceforge.net/projects/boost/files/boost
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lib/gd/gdxpm.c

Caolan.McNamara@ul.ie <http://www.csn.ul.ie/~caolan>

lib/gd/gd_gif_out.c header

Based on GIFENCOD by David Rowley <mgardi@watdscu.waterloo.edu>

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lib/gd/gd_security.c

Written 2004, Phil Knirsch.

Based on netpbm fixes by Alan Cox.

lib/gd/jisx0208.h

This file was derived from "src/VF_Ftype.c" in VFlib2-2.24.2 by Dr. Kakugawa

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author: Michael Hohn <mhohn@lbl.gov>

based on: modgraph.tcl by John Ellson <ellson@research.att.com>

tclpkg/gv/demo/modgraph.rb

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lib/gd/gd_xpm.c

Caolan.McNamara@ul.ie <http://www.csn.ul.ie/~caolan>

lib/gd/gd_gif_out.c header

Based on GIFENCOD by David Rowley <mgardi@watdscu.waterloo.edu>

Modified by Marcel Wijkstra <wijkstra@fwi.uva.nl>

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lib/gd/gd_security.c

Written 2004, Phil Knirsch.

Based on netpbm fixes by Alan Cox.

lib/gd/jisx0208.h

This file was derived from "src/VF_Ftype.c" in VFlib2-2.24.2 by Dr. Kakugawa

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author: Michael Hohn <mhohn@lbl.gov>

based on: modgraph.tcl by John Ellson <ellson@research.att.com>

tclpkg/gv/demo/modgraph.rb

based on: modgraph.tcl by: John Ellson <ellson@research.att.com>

ruby adaptation by: Patricio Ros <patricioros.dev@gmail.com>

additional fixes: Ralph Mueller <ralf.mueller@zmaw.de>

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libedit2:amd64:

libelf1:amd64:

liberror-perl:

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The current maintainer is Clint Burfoot <clint@burfoot.info>.

It was downloaded from a CPAN mirror.

Upstream Authors: Graham Barr <gbarr@ti.com> and others.

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#
# Based on my original Error.pm, and Exceptions.pm by Peter Seibel
# <peter@weblogic.com> and adapted by Jesse Glick <jglick@sig.bsh.com>.
#
# but modified ***significantly***
```

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libexpat1-dev:amd64:

libfdisk1:amd64:

libffi6:amd64:

libfontconfig1:amd64:

libfreetype6:amd64:

libgcc-5-dev:amd64:

libgcc1:amd64:

libgcrypt20:amd64:

libgd3:amd64:

libgdbm3:amd64:

libgflags-dev:

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

Upstream-Name: gflags

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

Files: *

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

Files: *
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libgfortran-5-dev:amd64:

libgfortran3:amd64:

libglib2.0-0:amd64:

libglib2.0-bin:

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

It was downloaded from <<http://ftp.gnome.org/pub/GNOME/sources/glib/>>.

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Please do not mail the original authors asking questions about this version of GLib.

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libglib2.0-data:

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The random number generator "Mersenne Twister", which is used by GLib, was developed and originally coded by:

Makoto Matsumoto <matumoto@math.keio.ac.jp>
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libgnutls30:amd64:

libgomp1:amd64:

libgoogle-glog-dev:

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

Upstream-Name: google-glog

Source: <http://code.google.com/p/google-glog/>

Files: *

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libgoogle-glog0v5:

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libgpm2:amd64:

libgraphite2-3:amd64:

libgssapi-krb5-2:amd64:

libgssapi3-heimdal:amd64:

libgvc6:

This package was originally debianized by Stephen M Moraco <stephen@debian.org>
on Fri, 31 Dec 1999 15:37:17 -0700.

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

Upstream Authors:

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Eleftherios Koutsofios, AT&T Research (dotty, lefty, spline-o-matic)
John Mocenigo, AT&T Research (Grappa)
Stephen North, AT&T Research (dot, neato)
Gordon Woodhull (Montage)
and
David Dobkin (spline-o-matic)
Vladimir Alexiev (codegen improvements)

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lib/gd/gd_xpm.c

Caolan.McNamara@ul.ie <http://www.csn.ul.ie/~caolan>

lib/gd/gd_gif_out.c header

Based on GIFENCOD by David Rowley <mgardi@watdscu.waterloo.edu>

Modified by Marcel Wijkstra <wijkstra@fwi.uva.nl>

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lib/gd/gd_security.c

Written 2004, Phil Knirsch.
Based on netpbm fixes by Alan Cox.

lib/gd/jisx0208.h

This file was derived from "src/VF_Ftype.c" in VFlib2-2.24.2
by Dr. Kakugawa

tclpkg/gv/demo/modgraph.py

author: Michael Hohn <mhhohn@lbl.gov>
based on: modgraph.tcl by John Ellson <ellson@research.att.com>

tclpkg/gv/demo/modgraph.rb

based on: modgraph.tcl by: John Ellson <ellson@research.att.com>
ruby adaptation by: Patricio Ros <patricioros.dev@gmail.com>
additional fixes: Ralph Mueller <ralf.mueller@zmaw.de>

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

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        Maurice Szmurlo (Maurice.Szmurlo@info.unicaen.fr)

    Parts of this code are inspired by 'pbmtowbmp.c' and 'wbmptopbm.c' by
    Terje Sannum <terje@looplab.com>.

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lib/gd/gdxpm.c
    Caolan.McNamara@ul.ie http://www.csn.ul.ie/~caolan

lib/gd/gd_gif_out.c header
    Based on GIFENCOD by David Rowley <mgardi@watdscu.waterloo.edu>

    Modified by Marcel Wijkstra <wijkstra@fwi.uva.nl>

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lib/gd/gd_security.c
    Written 2004, Phil Knirsch.
    Based on netpbm fixes by Alan Cox.

lib/gd/jisx0208.h
    This file was derived from "src/VF_Ftype.c" in VFlib2-2.24.2
    by Dr. Kakugawa

tclpkg/gv/demo/modgraph.py
    author: Michael Hohn <mhohn@lbl.gov>
    based on: modgraph.tcl by John Ellson <ellson@research.att.com>

tclpkg/gv/demo/modgraph.rb
    based on: modgraph.tcl by:   John Ellson <ellson@research.att.com>
    ruby adaptation by:        Patricio Ros <patricioros.dev@gmail.com>
    additional fixes:          Ralph Mueller <ralf.mueller@zmaw.de>

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```

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libhdf5-10:amd64:

libhdf5-cpp-11:amd64:

libhdf5-dev:

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libheimntlm0-heimdal:amd64:

libhogweed4:amd64:

libhwloc-dev:amd64:

libhwloc5:amd64:

libhx509-5-heimdal:amd64:

libibverbs-dev:

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Authors:

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Dotan Barak <dotanba@gmail.com>
Sean Hefty <sean.hefty@intel.com>
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Authors:

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libicu-dev:amd64:

libicu55:amd64:

libidn11:amd64:

libisl15:amd64:

libitm1:amd64:

libjbig-dev:amd64:

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libjbig0:amd64:

libjpeg-dev:amd64:

libjpeg-turbo8:amd64:

libjpeg-turbo8-dev:amd64:

libjpeg8:amd64:

libjpeg8-dev:amd64:

libjsoncpp1:amd64:

libk5crypto3:amd64:

libkeyutils1:amd64:

libkmod2:amd64:

libkrb5-26-heimdal:amd64:

libkrb5-3:amd64:

libkrb5support0:amd64:

liblapack-dev:
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: LAPACKâ€”â€”Linear Algebra PACKage
Upstream-Contact: http://icl.cs.utk.edu/lapack-forum/
Source: http://www.netlib.org/lapack/

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Upstream-Name: LAPACKâ€œâ€œLinear Algebra PACKage
Upstream-Contact: http://icl.cs.utk.edu/lapack-forum/
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libleveldb-dev:amd64:

libleveldb1v5:amd64:

liblmdb-dev:amd64:

liblmdb0:amd64:

liblsan0:amd64:

libltdl-dev:amd64:

libltdl7:amd64:

liblua5.1-0:amd64:

liblz4-1:amd64:

liblzma-dev:amd64:

liblzma5:amd64:

liblzo2-2:amd64:

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libmagic1:amd64:
```

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libmlx5-1:
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```
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
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```
Upstream-Name: libmlx5
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```
Upstream-Contact: Eli Cohen <eli@mellanox.com>
```

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Source: https://www.openfabrics.org/downloads/mlx5/
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Files: *
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Files: debian/*
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libmlx5-dev:

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

Upstream-Name: libmlx5

Upstream-Contact: Eli Cohen <eli@mellanox.com>

Source: <https://www.openfabrics.org/downloads/mlx5/>

Files: *

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libmount1:amd64:

libmpc3:amd64:

libmpdec2:amd64:

libmpfr4:amd64:

libmpx0:amd64:

libnccl-dev:

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libncurses5:amd64:

libncursesw5:amd64:

libnettle6:amd64:

libnuma-dev:amd64:

libnumal:amd64:

libopenblas-base:

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

Upstream-Name: OpenBLAS

Upstream-Contact: Zhang Xianyi <traits.zhang@gmail.com>

Source: <https://github.com/xianyi/OpenBLAS>

Files-Excluded: lapack-netlib/*

Files: *

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2013 Martin Koehler, grisuthedragon@users.github.com

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Files: benchmark/cholesky.c
 benchmark/linpack.c
 benchmark/geev.c
 benchmark/getri.c
 benchmark/gesv.c
 benchmark/potr.c
 common.h
 common_alpha.h
 common_ia64.h
 common_interface.h
 common_lapack.h
 common_level1.h
 common_level2.h
 common_level3.h
 common_linux.h
 common_macro.h
 common_param.h
 common_power.h
 common_sparc.h
 common_thread.h
 common_x86.h
 common_x86_64.h
 cpuid.h
 cpuid_alpha.c
 cpuid_ia64.c
 cpuid_power.c
 cpuid_sparc.c
 cpuid_x86.c
 driver/level2/gbmv_k.c
 driver/level2/gbmv_thread.c
 driver/level2/gemv_thread.c
 driver/level2/ger_thread.c
 driver/level2/sbmv_k.c
 driver/level2/sbmv_thread.c
 driver/level2/spmv_k.c
 driver/level2/spmv_thread.c
 driver/level2/spr2_k.c
 driver/level2/spr2_thread.c
 driver/level2/spr_k.c
 driver/level2/spr_thread.c
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 driver/level2/syr2_k.c
 driver/level2/syr2_thread.c
 driver/level2/syr_k.c
 driver/level2/syr_thread.c
 driver/level2/tbmv_L.c
 driver/level2/tbmv_U.c
 driver/level2/tbmv_thread.c
 driver/level2/tbsv_L.c

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driver/level2/tbsv_U.c
driver/level2/tpmv_L.c
driver/level2/tpmv_U.c
driver/level2/tpmv_thread.c
driver/level2/tpsv_L.c
driver/level2/tpsv_U.c
driver/level2/trmv_L.c
driver/level2/trmv_U.c
driver/level2/trmv_thread.c
driver/level2/trsv_L.c
driver/level2/trsv_U.c
driver/level2/zgbmv_k.c
driver/level2/zhbm_k.c
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driver/level2/zher_k.c
driver/level2/zhpmv_k.c
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driver/level2/ztrmv_U.c
driver/level2/ztrsv_L.c
driver/level2/ztrsv_U.c
driver/level3/gemm.c
driver/level3/gemm3m.c
driver/level3/gemm_thread_m.c
driver/level3/gemm_thread_mn.c
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driver/level3/gemm_thread_variable.c
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driver/level3/level3_thread.c
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driver/level3/trmm_R.c
driver/level3/trsm_L.c
driver/level3/trsm_R.c
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driver/level3/zherk_beta.c
driver/level3/zherk_k.c
driver/level3/zherk_kernel.c
driver/level3/zsyrk_beta.c
driver/mapper/mapper.c
driver/others/abs.c
driver/others/blas_l1_thread.c
driver/others/blas_server_omp.c
driver/others/blas_server_win32.c
```



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driver/others/divtable.c
driver/others/dynamic.c
driver/others/lamc3.c
driver/others/lamch.c
driver/others/lsame.c
driver/others/memory_galloc.c
driver/others/parameter.c
driver/others/profile.c
driver/others/xerbla.c
exports/dllinit.c
interface/asum.c
interface/axpy.c
interface/copy.c
interface/dot.c
interface/dsdot.c
interface/gbmv.c
interface/geadd.c
interface/gemm.c
interface/gemv.c
interface/ger.c
interface/imax.c
interface/lapack/gesv.c
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interface/lapack/getrf.c
interface/lapack/getrs.c
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interface/tbmv.c
interface/tbsv.c
interface/tpmv.c
interface/tpsv.c
interface/trmv.c
interface/trsm.c
interface/trsv.c
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interface/zaxpy.c
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interface/zgeadd.c
interface/zgemv.c
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kernel/generic/symv_k.c
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kernel/generic/zgemm_tcopy_2.c
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kernel/generic/ztrsm_lcopy_1.c
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kernel/generic/ztrsm_lcopy_4.c
```

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kernel/generic/ztrsm_utcopy_8.c
kernel/power/lock.c
kernel/setparam-ref.c
kernel/x86_64/dger.c
kernel/x86_64/sger.c
kernel/x86_64/ctrsm_kernel_LN_bulldozer.c
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kernel/x86_64/dtrsm_kernel_RT_bulldozer.c
kernel/x86_64/strsm_kernel_LN_bulldozer.c
kernel/x86_64/strsm_kernel_LT_bulldozer.c
kernel/x86_64/strsm_kernel_RN_bulldozer.c
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lapack/getrf/getrf_parallel_omp.c
lapack/getrf/getrf_single.c
lapack/getrs/getrs_parallel.c
lapack/getrs/getrs_single.c
lapack/getrs/zgetrs_parallel.c
lapack/getrs/zgetrs_single.c
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lapack/laswp/generic/laswp_k_2.c
lapack/laswp/generic/laswp_k_4.c
lapack/laswp/generic/laswp_k_8.c
lapack/laswp/generic/zlaswp_k.c
lapack/laswp/generic/zlaswp_k_1.c
lapack/laswp/generic/zlaswp_k_2.c
lapack/laswp/generic/zlaswp_k_4.c
lapack/lauu2/lauu2_L.c
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lapack/lauu2/zlauu2_U.c
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lapack/lauum/lauum_U_parallel.c
lapack/lauum/lauum_U_single.c
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lapack/potf2/potf2_U.c
lapack/potf2/zpotf2_L.c
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lapack/trti2/trti2_U.c
lapack/trti2/ztrti2_L.c
lapack/trti2/ztrti2_U.c

```

```

lapack/trtri/trtri_L_parallel.c
lapack/trtri/trtri_U_parallel.c
symcopy.h
driver/level3/gemm3m_level3.c
driver/level3/hemm3m_k.c
driver/level3/symm3m_k.c
driver/level3/level3.c
driver/level3/level3_syrk.c
driver/level3/level3_syr2k.c
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libopenblas-dev:

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Upstream-Name: OpenBLAS

Upstream-Contact: Zhang Xianyi <traits.zhang@gmail.com>

Source: <https://github.com/xianyi/OpenBLAS>

Files-Excluded: lapack-netlib/*

Files: *

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Files: benchmark/cholesky.c

benchmark/linpack.c

```
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benchmark/getri.c
benchmark/gesv.c
benchmark/potrf.c
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common_interface.h
common_lapack.h
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common_level2.h
common_level3.h
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common_macro.h
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common_power.h
common_sparc.h
common_thread.h
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driver/level2/zhpr_k.c
driver/level2/zsbmv_k.c
driver/level2/zspmv_k.c
```



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driver/level2/zspr_k.c
driver/level2/zsyr2_k.c
driver/level2/zsyr_k.c
driver/level2/ztbmv_L.c
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driver/others/abs.c
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interface/lapack/trtri.c
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interface/ztbmv.c
interface/ztbsv.c
interface/ztpmv.c
interface/ztpsv.c
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kernel/generic/gemm_ncopy_2.c
kernel/generic/gemm_ncopy_4.c
kernel/generic/gemm_ncopy_6.c
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kernel/generic/gemm_tcopy_2.c
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kernel/generic/gemm_tcopy_6.c
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kernel/generic/laswp_ncopy_8.c
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kernel/generic/symm_lcopy_16.c
kernel/generic/symm_lcopy_2.c
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kernel/generic/symm_lcopy_6.c
kernel/generic/symm_lcopy_8.c
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kernel/generic/symm_ucopy_16.c
kernel/generic/symm_ucopy_2.c
kernel/generic/symm_ucopy_4.c
kernel/generic/symm_ucopy_6.c
kernel/generic/symm_ucopy_8.c
kernel/generic/symv_k.c
kernel/generic/trmm_lncopy_1.c
kernel/generic/trmm_lncopy_16.c
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kernel/generic/trmm_lncopy_4.c
kernel/generic/trmm_lncopy_6.c
kernel/generic/trmm_lncopy_8.c
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kernel/generic/trmm_ltcopy_6.c
kernel/generic/trmm_ltcopy_8.c
kernel/generic/trmm_ncpy_1.c
kernel/generic/trmm_ncpy_16.c
kernel/generic/trmm_ncpy_2.c
kernel/generic/trmm_ncpy_4.c
kernel/generic/trmm_ncpy_6.c
kernel/generic/trmm_ncpy_8.c
kernel/generic/trmm_ncpy_1.c
kernel/generic/trmm_ncpy_16.c
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kernel/generic/trmm_utcopy_2.c
kernel/generic/trmm_utcopy_4.c
kernel/generic/trmm_utcopy_6.c
kernel/generic/trmm_utcopy_8.c
kernel/generic/trsm_kernel_LN.c
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kernel/generic/trsm_kernel_RN.c
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kernel/generic/trsm_lncopy_1.c
kernel/generic/trsm_lncopy_16.c
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kernel/generic/trsm_lncopy_4.c
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kernel/generic/trsm_lncopy_8.c
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kernel/generic/zgemm3m_ncopy_4.c
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kernel/generic/zhemm3m_lcopy_2.c
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kernel/generic/zhemm3m_lcopy_8.c
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kernel/generic/zhemm3m_ucopy_2.c
kernel/generic/zhemm3m_ucopy_4.c
kernel/generic/zhemm3m_ucopy_8.c
kernel/generic/zhemm_ltcopy_1.c
kernel/generic/zhemm_ltcopy_2.c
kernel/generic/zhemm_ltcopy_4.c
kernel/generic/zhemm_ltcopy_8.c
kernel/generic/zhemm_utcopy_1.c
kernel/generic/zhemm_utcopy_2.c
kernel/generic/zhemm_utcopy_4.c
kernel/generic/zhemm_utcopy_8.c
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kernel/generic/zlaswp_ncopy_1.c
kernel/generic/zlaswp_ncopy_2.c
kernel/generic/zlaswp_ncopy_4.c
kernel/generic/zneg_tcopy_1.c
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kernel/generic/zsymm3m_lcopy_4.c
kernel/generic/zsymm3m_lcopy_8.c
kernel/generic/zsymm3m_ucopy_1.c
kernel/generic/zsymm3m_ucopy_2.c
kernel/generic/zsymm3m_ucopy_4.c
kernel/generic/zsymm3m_ucopy_8.c
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kernel/generic/ztrmm_lncopy_4.c
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kernel/generic/ztrmm_ucopy_2.c
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kernel/generic/ztrmm_ucopy_8.c
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kernel/generic/ztrsm_utcopy_8.c
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```

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kernel/x86_64/strsm_kernel_LN_bulldozer.c
kernel/x86_64/strsm_kernel_LT_bulldozer.c
kernel/x86_64/strsm_kernel_RN_bulldozer.c
kernel/x86_64/strsm_kernel_RT_bulldozer.c
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kernel/x86_64/ztrsm_kernel_RT_bulldozer.c
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lapack/getf2/zgetf2_k.c
lapack/getrf/getrf_parallel.c
lapack/getrf/getrf_parallel_omp.c
lapack/getrf/getrf_single.c
lapack/getrs/getrs_parallel.c
lapack/getrs/getrs_single.c
lapack/getrs/zgetrs_parallel.c
lapack/getrs/zgetrs_single.c
lapack/laswp/generic/laswp_k.c
lapack/laswp/generic/laswp_k_1.c
lapack/laswp/generic/laswp_k_2.c
lapack/laswp/generic/laswp_k_4.c
lapack/laswp/generic/laswp_k_8.c
lapack/laswp/generic/zlaswp_k.c
lapack/laswp/generic/zlaswp_k_1.c
lapack/laswp/generic/zlaswp_k_2.c
lapack/laswp/generic/zlaswp_k_4.c
lapack/lauu2/lauu2_L.c
lapack/lauu2/lauu2_U.c
lapack/lauu2/zlauu2_L.c
lapack/lauu2/zlauu2_U.c
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lapack/lauum/lauum_L_single.c
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lapack/trtri/trtri_L_parallel.c
lapack/trtri/trtri_U_parallel.c
symcopy.h
driver/level3/gemm3m_level3.c
driver/level3/hemm3m_k.c
driver/level3/symm3m_k.c
driver/level3/level3.c
driver/level3/level3_syrk.c
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Parts of this code are inspired by 'pbmtowbmp.c' and 'wbmptopbm.c' by

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lib/gd/gdxpm.c

Caolan.McNamara@ul.ie <http://www.csn.ul.ie/~caolan>

lib/gd/gd_gif_out.c header

Based on GIFENCOD by David Rowley <mgardi@watdscu.waterloo.edu>

Modified by Marcel Wijkstra <wijkstra@fwi.uva.nl>

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lib/gd/gd_security.c

Written 2004, Phil Knirsch.

Based on netpbm fixes by Alan Cox.

lib/gd/jisx0208.h

This file was derived from "src/VF_Ftype.c" in VFlib2-2.24.2 by Dr. Kakugawa

tclpkg/gv/demo/modgraph.py

author: Michael Hohn <mhhohn@lbl.gov>

based on: modgraph.tcl by John Ellson <ellson@research.att.com>

tclpkg/gv/demo/modgraph.rb

based on: modgraph.tcl by: John Ellson <ellson@research.att.com>

ruby adaptation by: Patricio Ros <patricioros.dev@gmail.com>

additional fixes: Ralph Mueller <ralf.mueller@zmaw.de>

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libxau6:amd64:

libxaw7:amd64:

libxcb-render0:amd64:

libxcb-shm0:amd64:

libxcb1:amd64:

libxdmcp6:amd64:

libxext6:amd64:

libxft2:amd64:

libxml2:amd64:

libxmu6:amd64:

libxpm4:amd64:

libxrender1:amd64:

libxss1:amd64:

libxt6:amd64:

libzmq3-dev:amd64:

libzmq5:amd64:

linux-libc-dev:amd64:

login:

This is Debian GNU/Linux's prepackaged version of the shadow utilities.

It was downloaded from: <<ftp://ftp.pld.org.pl/software/shadow/>>.

As of May 2007, this site is no longer available.

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This source code is currently archived on ftp.uu.net in the comp.sources.misc portion of the USENET archives. You may also contact the author, Julianne F. Haugh, at jockgrrl@ix.netcom.com if you have any questions regarding this package.

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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@il7linuxb.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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```

Some parts substantially in src/su.c derived from an ancestor of su for GNU. Run a shell with substitute user and group IDs.
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lsb-base:

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>
Upstream-Name: LSB implementation package

Files: *

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Files: init-functions.d/50-ubuntu-logging

Copyright: 2005-2011, Canonical Ltd.

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Files: init-functions

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m4:

This is the Debian prepackaged version of the FSF's GNU m4 macro processor. GNU `m4' has been originally written by RenÅ® Seindal, from Denmark, with subsequent changes by FranÅ®ois Pinard and other volunteers on the Internet. A list of contributors to the GNU program is in the THANKS file in the source distribution, or appended below in the binary package.

This package was first put together by Ian Jackson <ijackson@nyx.cs.du.edu> and is currently maintained by Santiago Vila <sanvila@debian.org>.

The GNU sources for this release were obtained from

<http://ftp.gnu.org/gnu/m4/m4-1.4.17.tar.xz>

The changes were very minimal - merely adding support for the Debian package maintenance scheme, by adding various debian/* files.

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make:

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

Upstream-Name: make

Upstream-Contact: help-make@gnu.org

Sources: [git://git.savannah.gnu.org/make.git](https://git.savannah.gnu.org/make.git)

Comment: This is the Debian GNU/Linux prepackaged version of GNU Make. GNU Make was written by Richard Stallman and Roland McGrath. This package was put together by Ian Murdock <imurdock@debian.org>

Changes:

- * added Debian GNU/Linux package maintenance system files
- * Pared down the package to just the documentation bits, and some build infrastructure.

Parts of the GNU Make build structure remain in this package.

Files: *

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makedev:
 This package is maintained for Debian by Bdale Garbee, <bdale@gag.com>.

It was downloaded from ftp.redhat.com, as a source .rpm from the 5.1 release.

Copyright:

No explicit copyright is asserted. Nick Holloway is the earliest author recorded in the sourcecode. I queried him for an explicit statement regarding the license status of this work, and this is his reply:

Date: Tue, 21 Jul 1998 19:57:10 +0100
 From: Nick Holloway <Nick.Holloway@alfie.demon.co.uk>
 Message-Id: <199807211857.TAA19068@alfie.demon.co.uk>
 To: Bdale Garbee <bdale@gag.com>
 Subject: Re: makedev license?

> I maintain the makedev package for Debian GNU/Linux. I am about to move
 > from the ill-fated makedev-1.6 to the makedev-2.3.1 derived from your work
 > by the folks at Redhat. I don't see any evidence of a copyright assertion
 > or explicit license statement in the source. Your name appears to be the
 > earliest attached to the current sourcecode. Am I correct in assuming the
 > GPL? We try to be meticulous about having our base system be compliant
 > with our Debian Free Software Guidelines, so I'd like an explicit statement.

It was never explicitly released as GPL, as that would have required including the file COPYING which would have been much larger than the actual MAKEDEV script (I was also too lazy to find out what incantations needed to be made). However, it is intended to be used as anyone sees fit, and the statement under "Copying Policy" is "Freely Redistributable" (see MAKEDEV.lsm from any of the releases I made).

The more recent modifications were done by Michael K. Johnson at Redhat. I think the understanding was that he would be taking over the

maintenance of MAKEDEV (our discussion took place last September).

The only previous history was (according to an old posting to comp.os.linux) that I started with Jim Winstead's script.

So, as far as I am concerned, it is consistent with the Debian FSG.

--

```
`O O' | Home: Nick.Holloway@alfie.demon.co.uk  http://www.alfie.demon.co.uk/
// ^ \\ | Work: Nick.Holloway@parallax.co.uk
```

A complete copy of the GPL is provided on Debian systems in the file /usr/share/common-licenses/GPL.

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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mime-support:

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>
Source: <git://anonscm.debian.org/collab-maint/mime-support.git>

Files: *

Copyright: public-domain

License: ad-hoc

This package was written by Brian White <bcwhite@pobox.com> and others.
It contains public information compiled from around the 'net and many people.

.

The "update-mime" program was written by Brian White and has been placed in the public domain.

Files: mailcap.man

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 Comment: Author: Nathaniel S. Borenstein

mount:

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>
 Upstream-Name: util-linux
 Upstream-Contact: util-linux@vger.kernel.org
 Source: <https://www.kernel.org/pub/linux/utils/util-linux/>

Files: *

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 1991-2004 Miquel van Smoorenburg
 1992 A. V. Le Blanc (LeBlanc@mcc.ac.uk)
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 1994 Kevin E. Martin (martin@cs.unc.edu)
 1994 Salvatore Valente <svalente@mit.edu>
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 1994-2005 Jeff Tranter (tranter@pobox.com)
 1995, 1999, 2000 Andries E. Brouwer <aeb@cwil.nl>
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 2013,2014 Ondrej Oprala <ooprala@redhat.com>

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Files: schedutils/chrt.c
 schedutils/taskset.c

Copyright: 2004 Robert Love <rml@tech9.net>

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Files: disk-utils/mkfs.minix.c
       disk-utils/mkswap.c
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Files: lib/at.c
       lib/blkdev.c
       lib/loopdev.c
       lib/sysfs.c
       lib/ttyutils.c
       lib/xgetpass.c
       misc-utils/mcookie.c
       sys-utils/setsid.c
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Files: login-utils/vipw.c
       misc-utils/cal.c
       misc-utils/kill.c
       misc-utils/logger.c
       misc-utils/look.c
       misc-utils/whereis.c
       sys-utils/renice.c
       term-utils/mesg.c
       term-utils/script.c
       term-utils/ttymsg.c
       term-utils/wall.c
       term-utils/write.c
       text-utils/col.c
       text-utils/colcrt.c
       text-utils/colrm.c
       text-utils/column.c
       text-utils/hexdump.c
       text-utils/hexdump.h
       text-utils/hexdump-conv.c
       text-utils/hexdump-display.c
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Files: login-utils/login.c
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Files: login-utils/logindefs.c
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Files: libuuid/*
        libuuid/src/*
        libuuid/man/*
Copyright: 1996, 1997, 1998, 1999, 2007 Theodore Ts'o.
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Files: lib/procutils.c
        include/xalloc.h
Copyright: 2010, 2011 Davidlohr Bueso <dave@gnu.org>
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Files: */colors.*
Copyright: 2012 Ondrej Oprala <ooprala@redhat.com>
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Files: login-utils/setpwnam.h
        login-utils/setpwnam.c
Copyright: 1994 Martin Schulze <joe@infodrom.north.de>
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        libfdisk/src/*
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        */match.*
        lib/canonicalize.c
        include/at.h
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```

```

Files: libblkid/*
       libblkid/src/*
       libblkid/samples/*
       libblkid/src/partitions/*
       libblkid/src/superblocks/*
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```

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This package was debianized by Jordi Mallach <jordi@debian.org> on Wed, 8 Dec 1999 19:39:12 +0100.

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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@il17linuxb.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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The current maintainer for this package is Laszlo Boszormenyi (GCS) <gcs@debian.org>.

Previous maintainers were Bill Mitchell <mitchell@mdd.comm.mot.com>, Darren Stalder <torin@daft.com>, Adrian Bunk <bunk@fs.tum.de>, Michael Fedrowitz <michaelf@debian.org> and Christoph Berg <myon@debian.org>.

The upstream source is available at 'ftp://ftp.gnu.org/gnu/patch/', resp. 'ftp://alpha.gnu.org/gnu/diffutils/'.

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  dist/ExtUtils-Manifest/*
  dist/I18N-Collate/*
  dist/if/*
  dist/Safe/*
  ext/Fcntl/*
  ext/FileCache/*
  ext/GDBM_File/*
  ext/IPC-Open2/*
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  ext/NDBM_File/*
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  ext/Opcodes/*
  ext/PerlIO-encoding/*
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  ext/POSIX/*
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  ext/Socket/*
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 cpan/Locale-Maketext-Simple/t/po_with_i_default/en.po
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dist/bignum/\*  
dist/ExtUtils-Install/\*  
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 dist/if/*
 dist/Safe/*
 ext/Fcntl/*
 ext/FileCache/*
 ext/GDBM_File/*
 ext/IPC-Open2/*
 ext/IPC-Open3/*
 ext/NDBM_File/*
 ext/ODBM_File/*
 ext/Opcodes/*
 ext/PerlIO-encoding/*
 ext/PerlIO-scalar/*
 ext/PerlIO-via/*
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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/Win32API-File/\*  
dist/bignum/\*  
dist/ExtUtils-Install/\*  
dist/Math-BigInt/\*  
dist/Math-BigInt-FastCalc/\*  
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dist/constant/*
dist/Devel-SelfStubber/*
dist/Dumpvalue/*
dist/Env/*
dist/ExtUtils-Command/*
dist/ExtUtils-Manifest/*
dist/I18N-Collate/*
dist/if/*
dist/Safe/*
ext/Fcntl/*
ext/FileCache/*
ext/GDBM_File/*
ext/IPC-Open2/*
ext/IPC-Open3/*

```

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ext/NDBM_File/*
ext/ODEM_File/*
ext/Opcode/*
ext/PerlIO-encoding/*
ext/PerlIO-scalar/*
ext/PerlIO-via/*
ext/POSIX/*
ext/re/*
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Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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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                 |
| 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                 |
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|-------|-------|-----------|-----|-----|
| 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 |
| 2.6.5 | 2.6.4 | 2010      | PSF | yes |

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dh\_python2, pycompile, pyclean and debpython module:  
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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: chardet

Upstream-Contact: Ian Cordasco <graffatcolmingov@gmail.com>

Source: <https://pypi.python.org/pypi/chardet>

Files: \*

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2006, 2007, 2008 Mark Pilgrim

2012-2013, Ian Cordasco

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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, 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

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     |
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Authors: Benoit Chesneau <benoitc@e-engura.com>

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

Upstream-Name: h5py

Upstream-Contact: Andrew Collette <collette@physics.ucla.edu>

Source: <https://github.com/h5py/h5py>

Files: \*

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python-minimal:

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This package was put together by Klee Dienes <klee@debian.org> from sources from 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

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 |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |

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Written by Mark Wiebe (mwwiebe@gmail.com)

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numpy/core/src/umath/ufunc\_object.c

Travis E. Oliphant 2005, 2006 oliphant@ee.byu.edu (oliphant.travis@ieee.org)

Brigham Young University

based on the

Original Implementation:

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with inspiration and code from

Numarray

Space Science Telescope Institute

J. Todd Miller

Perry Greenfield

Rick White

numpy/core/arrayprint.py

Written by Konrad Hinsenk <hinsenk@ere.umontreal.ca>

last revision: 1996-3-13

modified by Jim Hugunin 1997-3-3 for repr's and str's (and other details)

and by Perry Greenfield 2000-4-1 for numarray

and by Travis Oliphant 2005-8-22 for numpy

numpy/oldnumeric/ma.py

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Adapted for numpy\_core 2005 by Travis Oliphant and

(mainly) Paul Dubois.

numpy/core/src/multiarray/{arrayobject.c, usertypes.c}

Based on Original Numeric implementation

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with contributions from many Numeric Python developers 1995-2004

Heavily modified in 2005 with inspiration from Numarray

by

Travis Oliphant, oliphant@ee.byu.edu

Brigham Young Univeristy

maintainer email: oliphant.travis@ieee.org

Numarray design (which provided guidance) by



Space Science Telescope Institute  
(J. Todd Miller, Perry Greenfield, Rick White)

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Travis E. Oliphant  
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numpy/distutils/system_info.py
Authors:
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numpy/random/mtrand/randomkit.h

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numpy/random/mtrand/initarray.c

The following changes have been made to it in 2005 by Robert Kern:

- \* `init_by_array` has been declared extern, has a void return, and uses the `rk_state` structure to hold its data.

The original file has the following verbatim comments:

```

The code in this module was based on a download from:
 http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html
```

It was modified in 2002 by Raymond Hettinger as follows:

- \* the principal computational lines untouched except for tabbing.
- \* renamed `genrand_res53()` to `random_random()` and wrapped in python calling/return code.
- \* `genrand_int32()` and the helper functions, `init_genrand()` and `init_by_array()`, were declared static, wrapped in Python calling/return code. also, their global data references were replaced with structure references.
- \* unused functions from the original were deleted.  
new, original C python code was added to implement the `Random()` interface.

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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```

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numpy/random/mtrand/randomkit.c

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The rk\_random and rk\_seed functions algorithms and the original design of the Mersenne Twister RNG:

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the `rk_double` implementation by Isaku Wada.

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numpy/ma/\*

This package was initially written for numarray by Paul F. Dubois at Lawrence Livermore National Laboratory. In 2006, the package was completely rewritten by Pierre Gerard-Marchant (University of Georgia) to make the MaskedArray class a subclass of ndarray, and to improve support of structured arrays.

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\* Adapted for numpy\_core 2005 by Travis Oliphant and (mainly) Paul Dubois.  
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\* Improvements suggested by Reggie Dugard (reggie\_AT\_merfinllc\_DOT\_com)

Author: Pierre Gerard-Marchant <pierregm\_at\_uga\_dot\_edu>

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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



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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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| 2.1.3          | 2.1.2     | 2002      | PSF        | yes                 |
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Upstream-Name: pydot

Source: <https://github.com/erocarrera/pydot>

Files: \*

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It was originally downloaded from <http://pyparsing.sourceforge.net/>

Upstream Author: Paul McGuire <ptmcg@users.sourceforge.net>

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Upstream-Contact: Kenneth Reitz <me@kennethreitz.com>

Source: <http://pypi.python.org/pypi/requests>

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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                 |
| 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                 |
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Upstream-Name: six

Source: <http://pypi.python.org/pypi/six/>

Files: \*

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It was downloaded from <http://python.org/>, built by extracting the Tk and gdbm extensions from the upstream tarballs.

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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                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |

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Upstream-Contact: Min Ragan-Kelley <benjaminrk@gmail.com>

Source: <https://github.com/zeromq/pyzmq/downloads>

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python2.7:

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Python License

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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.

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| 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                 |
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| 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                 |
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| 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                 |
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| 2.5            | 2.4          | 2006      | PSF        | yes                 |
| 2.5.1          | 2.5          | 2007      | PSF        | yes                 |
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| 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                 |
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| 2.7            | 2.6          | 2010      | 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

-----

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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Floating point exception control  
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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  
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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.

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| 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                 |
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| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |

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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 |
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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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<http://www.math.keio.ac.jp/matumoto/emt.html>  
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-----

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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 C version is still 5 times faster, though.
- Arguments more compliant with python standard

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-----

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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



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Mersenne Twister  
-----

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)`  
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`http://www.math.keio.ac.jp/matumoto/emt.html`  
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Sockets  
-----

The `socket` module uses the functions, `getaddrinfo`, and  
`getnameinfo`, which are coded in separate source files from the WIDE  
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Floating point exception control  
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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 C version is still 5 times faster, though.
- Arguments more compliant with python standard

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Jean-loup Gailly  
jloup@zip.org

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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)

Michael Schroeder <mlschroe@immd4.informatik.uni-erlangen.de> (examples/rlfe)

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rsync:

This is Debian's prepackaged version of Andrew Tridgell and Paul Mackerras' rsync utility.

This package provides the rsync program, which is a replacement for rcp that uses the rsync algorithm to transfer only the differences between two sets of files.

This package was put together by Philip Hands <phil@hands.com>, from sources obtained from:

<http://rsync.samba.org/ftp/rsync/rsync-2.5.4.tar.gz>

The current version was downloaded from:

<http://rsync.samba.org/ftp/rsync/src/rsync-3.1.0.tar.gz>

on 2013-09-30 by Paul Slotman <paul@debian.org> .

The changes were very minimal - merely adding support for the Debian package maintenance scheme by adding various debian/\* files. The only significant change is passing the -4 / -6 options through to ssh. See the debian/patches/ directory.

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Rsync was originally written by Andrew Tridgell and is currently maintained by Wayne Davison. It has been improved by many developers from around the world.

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sed:

This is the Debian GNU/Linux prepackaged version of sed - the GNU stream oriented editor.

This package was assembled from sources obtained from:  
ftp://ftp.gnu.org/gnu/sed/

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

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sensible-utils:

This is the Debian GNU/Linux package sensible-utils.

It is an original Debian package, was maintained by  
Clint Adams <schizo@debian.org>. It is now maintained by  
Anibal Monsalve Salazar <anibal@debian.org>.

All its programs (sensible-editor, sensible-pager, and sensible-browser) may be redistributed under the terms of the GNU GPL, Version 2 or later, found on Debian systems in the file /usr/share/common-licenses/GPL-2.

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The swig package was assembled by Klee Dienes <klee@debian.org> and later maintained by Gregor Hoffleit. The current maintainer is Torsten Landschoff <torsten@debian.org>.



The sources were obtained from

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ftp://ftp.swig.org/pub/
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and as you might have guessed the homepage is at

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-- Torsten Landschoff <torsten@debian.org> Wed, 11 Aug 2010 22:44:57 +0200
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#### sysv-rc:

This package contains the mechanism for executing the right scripts in the right order at bootup/shutdown time, and when changing runlevels. It works through managing symlinks in `/etc/rc?.d`

This package is built from the `sysvinit' source package. Please consult the copyright file of the sysvinit package for the location of the upstream sources of the sysvinit package. Debian-specific files for sysvinit, such as these initscripts, are maintained by the members of the pkg-sysvinit project at [alioth.debian.org](http://alioth.debian.org).

<http://alioth.debian.org/projects/pkg-sysvinit>

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sysvinit-utils:

This is the Debian GNU/Linux prepackaged version of System V Init.

Init was written by Miquel van Smoorenburg <miquels@cistron.nl>.

This package was first put together by Bruce Perens <Bruce@Pixar.com> from pre-distribution sources. Ian Murdock <imurdock@debian.org> integrated it into the base system maintained it until the end of 1995. Miquel van Smoorenburg <miquels@cistron.nl> implemented Debian support. In version 2.85 the package was split into three (sysvinit, sysv-rc, and initscripts) in order to make room for alternative rc mechanisms.

The upstream source is available at:

Primary-Site: [ftp.cistron.nl /pub/people/miquels/software](ftp://cistron.nl/pub/people/miquels/software)  
92K sysvinit-2.86.tar.gz  
Alternate-Site: [sunsite.unc.edu /pub/Linux/system/daemons/init](http://sunsite.unc.edu/pub/Linux/system/daemons/init)  
92K sysvinit-2.86.tar.gz

Send patches to [sysvinit-devel@nongnu.org](mailto:sysvinit-devel@nongnu.org).

The sysvinit package in Debian is maintained as an alioth project. The project page is <http://alioth.debian.org/projects/pkg-sysvinit/>.

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The of the start-stop-daemon:

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

tar:

This is the Debian GNU/Linux prepackaged version of GNU tar. GNU tar, heavily based on John Gilmore's public domain version of tar, was originally written by Graham Todd. It is now maintained by Paul Eggert <eggert@twinsun.com>.

This package is maintained for Debian by Bdale Garbee <bdale@gag.com>, and was built from the sources found at:

`ftp://ftp.gnu.org/gnu/tar/`

More recently, I'm directly using the upstream source repository at

`http://git.savannah.gnu.org/cgi/tar.git`

GNU tar is

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tk8.6-blt2.5:

This package was debianized by Gordon Russell <g.russell@dcs.napier.ac.uk> on Thu, 12 Mar 1998 11:19:54 +0000.

It was originally downloaded from `http://sourceforge.net/projects/blt`  
Now it's downloaded from `http://sourceforge.net/projects/wize`

Files `library/dd_protocols/*` were deleted from the original distribution

because they are non-free.

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It was downloaded from <http://www.iana.org/time-zones>

Upstream Author: The Internet Assigned Numbers Authority (IANA)  
Commentary should be addressed to [tz@iana.org](mailto:tz@iana.org)

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## ubuntu-keyring:

This is Ubuntu GNU's GnuPG keyrings of archive keys.

This package was originally put together by Michael Vogt  
<michael.vogt@canonical.com>

The keys in the keyrings don't fall under any copyright. Everything else in the package is covered by the GNU GPL.

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Upstream-Name: ucf

Upstream-Contact: Manoj Srivastava <srivasta@debian.org>

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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> 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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Upstream-Contact: util-linux@vger.kernel.org

Source: <https://www.kernel.org/pub/linux/utils/util-linux/>

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                   1992 A. V. Le Blanc (LeBlanc@mcc.ac.uk)  
                   1992-1997 Michael K. Johnson, johnsonm@redhat.com  
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 misc-utils/cal.c
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 misc-utils/logger.c
 misc-utils/look.c
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 sys-utils/renice.c
 term-utils/mesg.c
 term-utils/script.c
 term-utils/ttymsg.c
 term-utils/wall.c
 term-utils/write.c
 text-utils/col.c
 text-utils/colcrt.c
 text-utils/colrm.c
 text-utils/column.c
 text-utils/hexdump.c
 text-utils/hexdump.h
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This package was put together by Wichert Akkerman <wakkerma@debian.org> from sources obtained from: ftp://ftp.vim.org/pub/vim/unix/. The current maintainer is Debian VIM Maintainers <pkg-vim-maintainers@lists.alioth.debian.org>.

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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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Upstream-Contact:

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Subject: Re: XZ utils for Debian  
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zip:

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

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

`ftp://ftp.info-zip.org/pub/infozip/src/zip30.tgz`

The changes were fairly minimal, and consisted solely of adding various `debian/*` files to the distribution.

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zlib1g:amd64:

zlib1g-dev:amd64:

## 14.5. pip License

| Name           | Version | License     |
|----------------|---------|-------------|
| Cython         | 0.23.4  | UNKNOWN     |
| Django         | 1.11.11 | BSD         |
| Flask          | 0.10.1  | BSD         |
| Flask-SocketIO | 2.6     | MIT         |
| Flask-WTF      | 0.12    | BSD         |
| Jinja2         | 2.10    | BSD         |
| Markdown       | 2.6.11  | BSD License |
| MarkupSafe     | 1.0     | BSD         |

|                                    |             |                                    |
|------------------------------------|-------------|------------------------------------|
| Pillow                             | 4.3.0       | Standard PIL License               |
| PyWavelets                         | 0.5.2       | MIT                                |
| PyYAML                             | 3.12        | MIT                                |
| Pygments                           | 2.2.0       | BSD License                        |
| Pyste                              | 0.9.10      | Boost License                      |
| Send2Trash                         | 1.5.0       | BSD License                        |
| WTForms                            | 2.1         | BSD                                |
| Werkzeug                           | 0.14.1      | BSD                                |
| backports-abc                      | 0.5         | UNKNOWN                            |
| backports.functools-lru-cache      | 1.5         | UNKNOWN                            |
| backports.shutil-get-terminal-size | 1.0.0       | MIT                                |
| backports.weakref                  | 1.0.post1   | Python Software Foundation License |
| bleach                             | 1.5.0       | Apache Software License            |
| boto                               | 2.48.0      | MIT                                |
| chardet                            | 2.3.0       | LGPL                               |
| configparser                       | 3.5.0       | MIT                                |
| cycler                             | 0.10.0      | BSD                                |
| decorator                          | 4.2.1       | new BSD License                    |
| digits                             | 6.1.0       | BSD                                |
| entrypoints                        | 0.2.3       | UNKNOWN                            |
| enum34                             | 1.1.6       | BSD License                        |
| funcsigs                           | 1.0.2       | ASL                                |
| functools32                        | 3.2.3.post2 | PSF license                        |
| future                             | 0.16.0      | MIT                                |
| futures                            | 3.2.0       | PSF                                |
| gevent                             | 1.0.2       | UNKNOWN                            |
| gevent-websocket                   | 0.10.1      | Copyright 2011-2017 Jeffrey Gelens |
| <jeffrey@noppo.pro>                |             |                                    |
| greenlet                           | 0.4.13      | MIT License                        |
| gunicorn                           | 19.4.5      | MIT                                |
| h5py                               | 2.6.0       | UNKNOWN                            |
| html5lib                           | 0.9999999   | MIT License                        |
| image                              | 1.5.19      | BSD                                |
| ipykernel                          | 4.8.2       | BSD                                |

|                  |        |                             |
|------------------|--------|-----------------------------|
| ipython          | 5.4.1  | BSD                         |
| ipython-genutils | 0.2.0  | BSD                         |
| ipywidgets       | 7.1.2  | BSD                         |
| itsdangerous     | 0.24   | UNKNOWN                     |
| jsonschema       | 2.6.0  | MIT                         |
| jupyter          | 1.0.0  | BSD                         |
| jupyter-client   | 5.2.3  | BSD                         |
| jupyter-console  | 5.2.0  | BSD                         |
| jupyter-core     | 4.4.0  | BSD                         |
| kiwisolver       | 1.0.1  | UNKNOWN                     |
| leveldb          | 0.194  | UNKNOWN                     |
| lmbd             | 0.87   | OpenLDAP BSD                |
| matplotlib       | 2.2.0  | BSD                         |
| mistune          | 0.8.3  | BSD                         |
| mock             | 2.0.0  | UNKNOWN                     |
| nbconvert        | 5.3.1  | BSD                         |
| nbformat         | 4.4.0  | BSD                         |
| networkx         | 2.1    | BSD                         |
| nltk             | 3.2.5  | Apache License, Version 2.0 |
| nose             | 1.3.7  | GNU LGPL                    |
| notebook         | 5.4.0  | BSD                         |
| numpy            | 1.11.0 | BSD                         |
| olefile          | 0.45.1 | BSD                         |
| pandas           | 0.22.0 | BSD                         |
| pandocfilters    | 1.4.2  | UNKNOWN                     |
| pathlib2         | 2.3.0  | MIT                         |
| pbr              | 3.1.1  | UNKNOWN                     |
| pexpect          | 4.4.0  | ISC license                 |
| pickleshare      | 0.7.4  | MIT                         |
| prompt-toolkit   | 1.0.15 | UNKNOWN                     |
| protobuf         | 3.5.2  | 3-Clause BSD License        |
| psutil           | 3.4.2  | BSD                         |
| ptyprocess       | 0.5.2  | UNKNOWN                     |

|                        |         |                                                                                                     |
|------------------------|---------|-----------------------------------------------------------------------------------------------------|
| pydot                  | 1.0.29  | MIT                                                                                                 |
| pydotplus              | 2.0.2   | UNKNOWN                                                                                             |
| yparsing               | 2.0.3   | MIT License                                                                                         |
| python-dateutil        | 2.7.0   | Apache 2.0                                                                                          |
| python-engineio        | 2.0.3   | MIT                                                                                                 |
| python-gflags          | 3.1.2   | BSD                                                                                                 |
| python-magic           | 0.4.15  | MIT                                                                                                 |
| python-socketio        | 1.9.0   | MIT                                                                                                 |
| pytz                   | 2018.3  | MIT                                                                                                 |
| pyzmq                  | 15.2.0  | LGPL+BSD                                                                                            |
| qtconsole              | 4.3.1   | BSD                                                                                                 |
| requests               | 2.9.1   | Apache 2.0                                                                                          |
| scandir                | 1.7     | New BSD License                                                                                     |
| scikit-fmm             | 0.0.9   | BSD                                                                                                 |
| scikit-image           | 0.13.1  | Modified BSD                                                                                        |
| scipy                  | 0.17.0  | BSD                                                                                                 |
| simplegeneric          | 0.8.1   | ZPL 2.1                                                                                             |
| singledispatch         | 3.4.0.3 | MIT                                                                                                 |
| six                    | 1.10.0  | MIT                                                                                                 |
| subprocess32           | 3.2.7   | PSF license                                                                                         |
| tensorflow-gpu         | 1.4.0   | Apache 2.0                                                                                          |
| tensorflow-tensorboard | 0.4.0   | Apache 2.0                                                                                          |
| terminado              | 0.8.1   | UNKNOWN                                                                                             |
| testpath               | 0.3.1   | UNKNOWN                                                                                             |
| tornado                | 5.0     | <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> |
| traitlets              | 4.3.2   | BSD                                                                                                 |
| urllib3                | 1.13.1  | MIT                                                                                                 |
| wcwidth                | 0.1.7   | MIT                                                                                                 |
| webencodings           | 0.5.1   | BSD                                                                                                 |
| widgetsnextension      | 3.1.4   | BSD                                                                                                 |

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