

# VMware NSX Advanced Load Balancer (Formerly Avi Vantage)

## 3<sup>rd</sup> Party Licenses

## VMware NSX Advanced Load Balancer 18.2

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===== TABLE OF CONTENTS =====

The following is a listing of the open source components detailed in this document. This list is provided for your convenience; please read further if you wish to review the copyright notice(s) and the full text of the license associated with each component.

===== OPEN SOURCE PACKAGES LIST =====

```
>>> adduser
>>> aide
>>> alien
>>> apt
>>> apt-transport-https
>>> auditd
>>> autotools-dev
>>> base-files
>>> base-passwd
>>> bash
>>> bash-completion
>>> bc
>>> bind9-host
>>> binutils
>>> bsdmainutils
>>> bsdutils
>>> busybox-initramfs
>>> bzip2
>>> ca-certificates
>>> ca-certificates-java
>>> cfengine-community
>>> cgroup-bin
>>> cgroup-lite
>>> cgroup-tools
```

```
>>> cloud-guest-utils
>>> cloud-init
>>> containerd.io
>>> coreutils
>>> cpio
>>> cpp
>>> cpp-5
>>> cracklib-runtime
>>> cron
>>> curl
>>> daemontools
>>> dash
>>> dbus
>>> debconf
>>> debhelper
>>> debianutils
>>> debugedit
>>> dh-python
>>> dh-strip-nondeterminism
>>> dialog
>>> diffutils
>>> distro-info-data
>>> dmidecode
>>> dmsetup
>>> dnsutils
>>> docker-ce
>>> docker-ce-cli
>>> docutils-common
>>> dpkg
>>> dpkg-dev
>>> e2fslibs:amd64
>>> e2fsprogs
>>> ec2-api-tools
>>> elasticsearch
>>> file
>>> findutils
>>> fontconfig
>>> fontconfig-config
>>> fonts-dejavu-core
>>> fonts-font-awesome
>>> fonts-lato
>>> fuse
>>> gcc
>>> gcc-5
>>> gcc-5-base:amd64
>>> gcc-6-base:amd64
>>> gdb
>>> geoip-database
>>> gettext
>>> gettext-base
>>> gir1.2-glib-2.0:amd64
```

```
>>> gnupg
>>> google-perftools
>>> gpgv
>>> grep
>>> groff-base
>>> grpc
>>> grub
>>> grub-common
>>> gzip
>>> haveged
>>> hostname
>>> htop
>>> icu-devtools
>>> ieee-data
>>> ifupdown
>>> init
>>> init-system-helpers
>>> initramfs-tools
>>> initramfs-tools-bin
>>> initramfs-tools-core
>>> initscripts
>>> insserv
>>> intltool-debian
>>> iproute2
>>> ipset
>>> iptables
>>> iputils-arping
>>> iputils-ping
>>> ipython
>>> isc-dhcp-client
>>> iso-codes
>>> java-common
>>> jq
>>> klibc-utils
>>> kmod
>>> kpartx
>>> kubect1
>>> ldap-utils
>>> less
>>> libacl1:amd64
>>> libaiol:amd64
>>> libamd2.4.1:amd64
>>> libapparmor1:amd64
>>> libapt-inst2.0:amd64
>>> libapt-pkg5.0:amd64
>>> libarchive-zip-perl
>>> libarchive13:amd64
>>> libarpack2
>>> libasan2:amd64
>>> libasn1-8-heimdal:amd64
>>> libasound2:amd64
```

```
>>> libasound2-data
>>> libasprintf0v5:amd64
>>> libasyns0:amd64
>>> libatk1.0-0:amd64
>>> libatk1.0-data
>>> libatomic1:amd64
>>> libattr1:amd64
>>> libaudit-common
>>> libaudit1:amd64
>>> libauparse0:amd64
>>> libavahi-client3:amd64
>>> libavahi-common-data:amd64
>>> libavahi-common3:amd64
>>> libbabeltrace-ctf1:amd64
>>> libbabeltrace1:amd64
>>> libbind9-140:amd64
>>> libblas-common
>>> libblas3
>>> libblkid1:amd64
>>> libboost-chrono1.58.0:amd64
>>> libboost-context1.58.0:amd64
>>> libboost-coroutine1.58.0:amd64
>>> libboost-date-time1.58.0:amd64
>>> libboost-filesystem1.58.0:amd64
>>> libboost-iostreams1.58.0:amd64
>>> libboost-locale1.58.0:amd64
>>> libboost-python1.58.0
>>> libboost-random1.58.0:amd64
>>> libboost-system1.58.0:amd64
>>> libboost-thread1.58.0:amd64
>>> libbsd0:amd64
>>> libbz2-1.0:amd64
>>> libc-ares2:amd64
>>> libc-bin
>>> libc-dev-bin
>>> libc6:amd64
>>> libc6-dev:amd64
>>> libc6-i386
>>> libcairo2:amd64
>>> libcap-ng0:amd64
>>> libcap2:amd64
>>> libcap2-bin
>>> libcc1-0:amd64
>>> libcgroupl:amd64
>>> libcilkrts5:amd64
>>> libcolamd2.9.1:amd64
>>> libcomerr2:amd64
>>> libcrack2:amd64
>>> libcroco3:amd64
>>> libcryptsetup4:amd64
>>> libcups2:amd64
```



```
>>> libcurl3-gnutls:amd64
>>> libdatriel:amd64
>>> libdb5.3:amd64
>>> libdbus-1-3:amd64
>>> libdbus-glib-1-2:amd64
>>> libdebconfclient0:amd64
>>> libdevmapper1.02.1:amd64
>>> libdns-export162
>>> libdns162:amd64
>>> libdpkg-perl
>>> libdrm-amdgpu1:amd64
>>> libdrm-common
>>> libdrm-intel1:amd64
>>> libdrm-nouveau2:amd64
>>> libdrm-radeon1:amd64
>>> libdrm2:amd64
>>> libdumbnet1:amd64
>>> libedit2:amd64
>>> libelf1:amd64
>>> libestr0
>>> libexpat1:amd64
>>> libexpat1-dev:amd64
>>> libfdisk1:amd64
>>> libffi-dev:amd64
>>> libffi6:amd64
>>> libfile-stripnondeterminism-perl
>>> libflac8:amd64
>>> libfontconfig1:amd64
>>> libfreetype6:amd64
>>> libfuse2:amd64
>>> libgcc-5-dev:amd64
>>> libgcc1:amd64
>>> libgcrypt20:amd64
>>> libgcrypt20-dev
>>> libgd3:amd64
>>> libgdbm3:amd64
>>> libgdk-pixbuf2.0-0:amd64
>>> libgdk-pixbuf2.0-common
>>> libgeoip1:amd64
>>> libgflags2v5
>>> libgfortran3:amd64
>>> libgif7:amd64
>>> libgirepository-1.0-1:amd64
>>> libgl1-mesa-dri:amd64
>>> libgl1-mesa-glx:amd64
>>> libglapi-mesa:amd64
>>> libglib2.0-0:amd64
>>> libgmp3:amd64
>>> libgmp-dev:amd64
>>> libgmp10:amd64
>>> libgmpxx4ldbl:amd64
```

```
>>> libgnutls-dev:amd64
>>> libgnutls-openssl27:amd64
>>> libgnutls30:amd64
>>> libgnutlsxx28:amd64
>>> libgomp1:amd64
>>> libgoogle-glog0v5
>>> libgoogle-perftools4
>>> libgpg-error-dev
>>> libgpg-error0:amd64
>>> libgpm2:amd64
>>> libgraphite2-3:amd64
>>> libgssapi-krb5-2:amd64
>>> libgssapi3-heimdal:amd64
>>> libgtk2.0-0:amd64
>>> libgtk2.0-common
>>> libharfbuzz0b:amd64
>>> libhavege1:amd64
>>> libhcrypto4-heimdal:amd64
>>> libheimbase1-heimdal:amd64
>>> libheimntlm0-heimdal:amd64
>>> libhiredis0.13:amd64
>>> libhogweed4:amd64
>>> libhx509-5-heimdal:amd64
>>> libicu-dev:amd64
>>> libicu55:amd64
>>> libidn11:amd64
>>> libidn11-dev
>>> libigraph0v5
>>> libipset3:amd64
>>> libisc-export160
>>> libisc160:amd64
>>> libisccc140:amd64
>>> libisccfg140:amd64
>>> libisl15:amd64
>>> libitm1:amd64
>>> libjansson4:amd64
>>> libjbig0:amd64
>>> libjemalloc1
>>> libjline-java
>>> libjpeg-turbo8:amd64
>>> libjpeg8:amd64
>>> libjs-jquery
>>> libjs-modernizr
>>> libjs-sphinxdoc
>>> libjs-underscore
>>> libjson-c2:amd64
>>> libjsoncpp-dev:amd64
>>> libjsoncpp1:amd64
>>> libk5crypto3:amd64
>>> libkeepalive0
>>> libkeyutils1:amd64
```

```
>>> libklibc
>>> libkmod2:amd64
>>> libkrb5-26-heimdal:amd64
>>> libkrb5-3:amd64
>>> libkrb5support0:amd64
>>> liblapack3
>>> liblcms2-2:amd64
>>> libldap-2.4-2:amd64
>>> libldap2-dev:amd64
>>> libllvm6.0:amd64
>>> liblog4j1.2-java
>>> liblsan0:amd64
>>> libltdl7:amd64
>>> liblua5.2-0:amd64
>>> libluajit-5.1-2:amd64
>>> libluajit-5.1-common
>>> liblwres141:amd64
>>> liblz4-1:amd64
>>> liblzma5:amd64
>>> liblz02-2:amd64
>>> libmagic1:amd64
>>> libmatheval1:amd64
>>> libmaxminddb0:amd64
>>> libmcrypt4
>>> libmnl0:amd64
>>> libmount1:amd64
>>> libmpc3:amd64
>>> libmpdec2:amd64
>>> libmpfr4:amd64
>>> libmpx0:amd64
>>> libmspack0:amd64
>>> libmysqlclient20:amd64
>>> libncurses5:amd64
>>> libncursesw5:amd64
>>> libnettle6:amd64
>>> libnetty-3.9-java
>>> libnfnetwork0:amd64
>>> libnghttp2-14:amd64
>>> libnginx-mod-http-auth-pam
>>> libnginx-mod-http-cache-purge
>>> libnginx-mod-http-dav-ext
>>> libnginx-mod-http-echo
>>> libnginx-mod-http-fancyindex
>>> libnginx-mod-http-geoip
>>> libnginx-mod-http-headers-more-filter
>>> libnginx-mod-http-image-filter
>>> libnginx-mod-http-lua
>>> libnginx-mod-http-ndk
>>> libnginx-mod-http-perl
>>> libnginx-mod-http-sub-filter
>>> libnginx-mod-http-uploadprogress
```

```
>>> libnginx-mod-http-upstream-fair
>>> libnginx-mod-http-xslt-filter
>>> libnginx-mod-mail
>>> libnginx-mod-nchan
>>> libnginx-mod-stream
>>> libnih-dbus1:amd64
>>> libnih1:amd64
>>> libnl-3-200:amd64
>>> libnl-genl-3-200:amd64
>>> libnspr4:amd64
>>> libnspr4-dev
>>> libnss3:amd64
>>> libnss3-dev:amd64
>>> libnss3-nssdb
>>> libogg0:amd64
>>> libonig2:amd64
>>> libopts25:amd64
>>> libosp-uuid16:amd64
>>> libp11-kit-dev:amd64
>>> libp11-kit0:amd64
>>> libpam-cap:amd64
>>> libpam-cracklib:amd64
>>> libpam-modules:amd64
>>> libpam-modules-bin
>>> libpam-pwquality:amd64
>>> libpam-runtime
>>> libpam0g:amd64
>>> libpango-1.0-0:amd64
>>> libpangocairo-1.0-0:amd64
>>> libpangoft2-1.0-0:amd64
>>> libparted2:amd64
>>> libpcap0.8:amd64
>>> libpci3:amd64
>>> libpciaccess0:amd64
>>> libpcre++0v5:amd64
>>> libpcre3:amd64
>>> libpcsclite1:amd64
>>> libperl5.22:amd64
>>> libpipeline1:amd64
>>> libpixman-1-0:amd64
>>> libplymouth4:amd64
>>> libpng12-0:amd64
>>> libpopt0:amd64
>>> libpq-dev
>>> libpq5:amd64
>>> libprocps4:amd64
>>> libprotobuf-c1
>>> libprotobuf9v5:amd64
>>> libpulse0:amd64
>>> libpwquality-common
>>> libpwquality1:amd64
```

```
>>> libpython-dev:amd64
>>> libpython-stdlib:amd64
>>> libpython2.7:amd64
>>> libpython2.7-dev:amd64
>>> libpython2.7-minimal:amd64
>>> libpython2.7-stdlib:amd64
>>> libpython3-stdlib:amd64
>>> libpython3.5:amd64
>>> libpython3.5-minimal:amd64
>>> libpython3.5-stdlib:amd64
>>> libquadmath0:amd64
>>> librados2
>>> librbd1
>>> libreadline6:amd64
>>> libroken18-heimdal:amd64
>>> librpm3
>>> librpmbuild3
>>> librpmio3
>>> librpmsign3
>>> librtmp1:amd64
>>> libsasl2-2:amd64
>>> libsasl2-dev
>>> libsasl2-modules-db:amd64
>>> libsbcl:amd64
>>> libseccomp2:amd64
>>> libselinux1:amd64
>>> libsemanage-common
>>> libsemanage1:amd64
>>> libsensors4:amd64
>>> libsepol1:amd64
>>> libslf4j-java
>>> libsmartcols1:amd64
>>> libsmi2ldbl:amd64
>>> libsnappy1v5:amd64
>>> libsndfile1:amd64
>>> libsnmp-base
>>> libsnmp30:amd64
>>> libsodium18:amd64
>>> libspandsp2:amd64
>>> libsqlite3-0:amd64
>>> libss2:amd64
>>> libssh-gcrypt-4:amd64
>>> libssl-dev:amd64
>>> libssl1.0.0:amd64
>>> libstdc++-5-dev:amd64
>>> libstdc++6:amd64
>>> libsuitesparseconfig4.4.6:amd64
>>> libsystemd0:amd64
>>> libtasn1-6:amd64
>>> libtasn1-6-dev:amd64
>>> libtcl8.5:amd64
```

```
>>> libtcmalloc-minimal4
>>> libthai-data
>>> libthai0:amd64
>>> libtiff5:amd64
>>> libtimedate-perl
>>> libtinfo5:amd64
>>> libtsan0:amd64
>>> libubsan0:amd64
>>> libudev1:amd64
>>> libunistring0:amd64
>>> libunwind8
>>> libusb-0.1-4:amd64
>>> libustr-1.0-1:amd64
>>> libuuid1:amd64
>>> libvorbis0a:amd64
>>> libvorbisenc2:amd64
>>> libvpx3:amd64
>>> libwind0-heimdal:amd64
>>> libwireshark-data
>>> libwireshark11:amd64
>>> libwiretap8:amd64
>>> libwrap0:amd64
>>> libwscodecs2:amd64
>>> libwsutil9:amd64
>>> libx11-6:amd64
>>> libx11-data
>>> libx11-xcb1:amd64
>>> libxau6:amd64
>>> libxcb-dri2-0:amd64
>>> libxcb-dri3-0:amd64
>>> libxcb-glx0:amd64
>>> libxcb-present0:amd64
>>> libxcb-render0:amd64
>>> libxcb-shm0:amd64
>>> libxcb-sync1:amd64
>>> libxcb1:amd64
>>> libxcomposite1:amd64
>>> libxcursor1:amd64
>>> libxdamage1:amd64
>>> libxdmcp6:amd64
>>> libxerces2-java
>>> libxext6:amd64
>>> libxfixes3:amd64
>>> libxi6:amd64
>>> libxinerama1:amd64
>>> libxml-commons-external-java
>>> libxml-commons-resolver1.1-java
>>> libxml2:amd64
>>> libxml2-dev:amd64
>>> libxmlsec1
>>> libxmlsec1-dev
```

```
>>> libxmlsec1-gcrypt
>>> libxmlsec1-gnutls
>>> libxmlsec1-nss
>>> libxmlsec1-openssl
>>> libxpm4:amd64
>>> libxrandr2:amd64
>>> libxrender1:amd64
>>> libxshmfence1:amd64
>>> libxslt1-dev:amd64
>>> libxslt1.1:amd64
>>> libxtables11:amd64
>>> libxtst6:amd64
>>> libxxf86vm1:amd64
>>> libyajl-dev:amd64
>>> libyajl2:amd64
>>> libyaml-0-2:amd64
>>> libyaml-cpp0.5v5:amd64
>>> libzmq5:amd64
>>> libzookeeper-java
>>> linux-base
>>> linux-libc-dev:amd64
>>> locales
>>> locate
>>> login
>>> logrotate
>>> lsb-base
>>> lsb-release
>>> lsof
>>> lua5.1
>>> make
>>> makedev
>>> man-db
>>> mawk
>>> mime-support
>>> mount
>>> mountall
>>> multiarch-support
>>> mysql-common
>>> nano
>>> ncurses-base
>>> ncurses-bin
>>> net-tools
>>> netbase
>>> netcat
>>> netcat-traditional
>>> nettle-dev
>>> nginx-common
>>> nginx-extras
>>> nsca-client
>>> nsenter
>>> ntp
```

```
>>> open-vm-tools
>>> openjdk-8-jre:amd64
>>> openjdk-8-jre-headless:amd64
>>> openssh-client
>>> openssh-server
>>> openssh-sftp-server
>>> openssl
>>> parallel
>>> parted
>>> passwd
>>> patch
>>> pciutils
>>> perl
>>> perl-base
>>> perl-modules-5.22
>>> pgdg-keyring
>>> pigz
>>> pkg-config
>>> plymouth
>>> po-debconf
>>> postfix
>>> postgresql-10
>>> postgresql-9.3
>>> postgresql-client-10
>>> postgresql-client-9.3
>>> postgresql-client-common
>>> postgresql-common
>>> postgresql-contrib-9.3
>>> postgresql-server-dev-9.3
>>> procps
>>> psmisc
>>> python
>>> python-alabaster
>>> python-apt-common
>>> python-babel
>>> python-babel-localedata
>>> python-blist
>>> python-chardet
>>> python-dateutil
>>> python-decorator
>>> python-dev
>>> python-dnspython
>>> python-docopt
>>> python-docutils
>>> python-funcsigs
>>> python-functools32
>>> python-geoip
>>> python-httpplib2
>>> python-igraph
>>> python-ipaddress
>>> python-iso8601
```



```
>>> python-jinja2
>>> python-jsonschema
>>> python-kubernetes
>>> python-lazr.restfulclient
>>> python-lazr.uri
>>> python-ldap
>>> python-markupsafe
>>> python-minimal
>>> python-mock
>>> python-mysqldb
>>> python-netaddr
>>> python-netifaces
>>> python-oauth
>>> python-openshift
>>> python-parse
>>> python-pbr
>>> python-pexpect
>>> python-pip-whl
>>> python-pkg-resources
>>> python-prettytable
>>> python-ptyprocess
>>> python-pygments
>>> python-pyinotify
>>> python-radix
>>> python-redis
>>> python-requests
>>> python-roman
>>> python-scapy
>>> python-simplegeneric
>>> python-simplejson
>>> python-six
>>> python-sphinx
>>> python-sphinx-rtd-theme
>>> python-suds
>>> python-tz
>>> python-uritemplate
>>> python-urllib3
>>> python-virtualenv
>>> python-wadllib
>>> python-wsgi-intercept
>>> python-yaml
>>> python-zope.interface
>>> python2.7
>>> python2.7-dev
>>> python2.7-minimal
>>> python3
>>> python3-apt
>>> python3-blinker
>>> python3-cffi-backend
>>> python3-chardet
>>> python3-configobj
```

```
>>> python3-cryptography
>>> python3-dbus
>>> python3-gi
>>> python3-idna
>>> python3-jinja2
>>> python3-json-pointer
>>> python3-jsonpatch
>>> python3-jwt
>>> python3-markupsafe
>>> python3-minimal
>>> python3-oauthlib
>>> python3-pkg-resources
>>> python3-pyasn1
>>> python3-pycurl
>>> python3-requests
>>> python3-serial
>>> python3-six
>>> python3-software-properties
>>> python3-urllib3
>>> python3-yaml
>>> python3.5
>>> python3.5-minimal
>>> qemu-utils
>>> readline-common
>>> redis-server
>>> redis-tools
>>> resolvconf
>>> rpm
>>> rpm-common
>>> rpm2cpio
>>> rssh
>>> rsync
>>> rsyslog
>>> screen
>>> sed
>>> sensible-utils
>>> sgml-base
>>> shared-mime-info
>>> smem
>>> snmp
>>> snmpd
>>> socat
>>> software-properties-common
>>> sphinx-common
>>> sphinx-rtd-theme-common
>>> ssh
>>> sshfs
>>> sshpass
>>> ssl-cert
>>> strace
>>> sudo
```

```
>>> sysstat
>>> systemd
>>> systemd-sysv
>>> sysv-rc
>>> sysvinit-utils
>>> tar
>>> tcl8.5
>>> tcpd
>>> tcpdump
>>> traceroute
>>> tshark
>>> tzdata
>>> ubuntu-keyring
>>> ucf
>>> ucspi-tcp
>>> udev
>>> ufw
>>> unzip
>>> util-linux
>>> uuid-runtime
>>> uwsgi-core
>>> uwsgi-plugin-python
>>> vim
>>> vim-common
>>> vim-runtime
>>> walinuxagent
>>> wamerican
>>> wget
>>> wireshark-common
>>> x11-common
>>> xml-core
>>> xmlsec1
>>> xz-utils
>>> zip
>>> zlib1g:amd64
>>> zlib1g-dev:amd64
>>> zookeeper
>>> ethtool
>>> freetds-bin
>>> freetds-common
>>> freetds-dev
>>> geoip-bin
>>> irqbalance
>>> kdump-tools
>>> kexec-tools
>>> libct4:amd64
>>> libcurl3:amd64
>>> libcurl4-gnutls-dev:amd64
>>> libdw1:amd64
>>> libevent-2.0-5:amd64
>>> libgeoip-dev
```

```
>>> liblasso3
>>> liblinear3:amd64
>>> liblmbd-dev:amd64
>>> liblmbd0:amd64
>>> libmxml1:amd64
>>> libnftnl4:amd64
>>> libnl-route-3-200:amd64
>>> libnumal:amd64
>>> libodbc1:amd64
>>> libslang2:amd64
>>> libsybdb5:amd64
>>> linux-azure-tools-4.15.0-1082
>>> linux-tools-4.15.0-1082-azure
>>> linux-tools-4.4.0-178
>>> linux-tools-4.4.0-178-generic
>>> linux-tools-common
>>> lua-lpeg:amd64
>>> makedumpfile
>>> mysql-client
>>> mysql-client-5.7
>>> mysql-client-core-5.7
>>> nftables
>>> nmap
>>> oracle-instantclient12.2-basic
>>> python-cffi
>>> python-cffi-backend
>>> python-ply
>>> python-pycparser
>>> dpdk
>>> freebsd
>>> freebsd
>>> MurmurHash3
>>> glog
>>> dslib
>>> dpdk-pci_unbind
>>> dpdk
>>> json2pb
>>> jemalloc-shm
>>> re2
>>> ipstk-bsd
>>> geoip-api-python
>>> dpdk
>>> dpdk-kSPACE
>>> vmxnet3-usermap
>>> freebsd
>>> nginx
>>> patricia
>>> jemalloc-shm
>>> episodes
>>> jansson
>>> smc
```

```

>>> animatecss
>>> gettext
>>> lib/infoblox
>>> avi/django-pam
>>> bin/openstack_lbplugin
>>> cli/avi_shell
>>> themes/default-theme
APPENDIX. Standard License Files
>>> Academic Free License, V2.1
>>> GNU AFFERO GENERAL PUBLIC LICENSE 3.0
>>> Apache License, V2.0
>>> Apache License, V2.0
>>> GNU General Public License, V1.0
>>> GNU General Public License, V2.0
>>> GNU General Public License, V3.0
>>> Artistic License, V2.0
>>> GNU Library General Public License, V2.0
>>> GNU Lesser General Public License, V2.1
>>> GNU Lesser General Public License, V3.0
>>> Mozilla Public License, V2.0
>>> Perl Artistic License
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>> LaTeX Project Public License v1.2

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>>> Common Development and Distribution License, V1.1

>>> Microsoft Permissive Public License
=====COPYRIGHT NOTICES =====
>>> adduser
HomePage: http://alioth.debian.org/projects/adduser/

```

## Copyright Notice:

This package was first put together by Ian Murdock  
 <imurdock@debian.org> and was maintained by Steve Phillips  
 <sjp@cvfn.org> from sources written for the Debian Project by Ian  
 Murdock, Ted Hajek <tedhajek@boombox.micro.umn.edu>, and Sven Rudolph  
 <srl@inf.tu-dresden.de>.  
 Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He  
 rewrote most of it.  
 Since May 20 2000, it is maintained by Roland Bauerschmidt  
 <rb@debian.org>.  
 Since March 24 2004, it is maintained by Roland Bauerschmidt  
 <rb@debian.org>, and co-maintained by Marc Haber  
 <mh+debian-packages@zugschlus.de>  
 Since 23 Oct 2005, it has been maintained by Joerg Hoh <joerg@joerghoh.de>  
 Since June 2006, it has been maintained by Stephen Gran <sgran@debian.org>  
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After cpbs@debian.org, Marco d'Itri <md@linux.it> maintained it for almost two years, before Tollef Fog Heen <tfheen@debian.org> took over. The package is now maintained by Graham Wilson <bob@decoy.wox.org>. This package may be redistributed under the terms of the UCB BSD license:

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Julian Seward, [jseward@bzip.org](mailto:jseward@bzip.org)

bzip2/libbzip2 version 1.0.6 of 6 September 2010

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    Torsten Werner <twerner@debian.org>
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Upstream-Name: cloud-utils

Source: <https://code.launchpad.net/cloud-utils>

Upstream-Contact: Scott Moser <[scott.moser@canonical.com](mailto:scott.moser@canonical.com)>

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Upstream-Name: containerd
Source: https://github.com/containerd/containerd
Files: *
Copyright: 2015 containerd
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Files: debian/*
Copyright: 2018 Eli Uriegas <eli.uriegas@docker.com>
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This debian package was first created by Michael Stone <mstone@debian.org>,
from coreutils 4.5.1.
Changes:
* added Debian GNU/Linux package maintenance system files
* at times, bug fixes awaiting inclusion in the upstream source
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lib/inet_ntop.c
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doc/coreutils.texi (The GNU Coreutils Manual)
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<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
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gcc/tsystem.h, gcc/typeclass.h).

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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.
- libvtv

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Version 3.1, 31 March 2009

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Written by Francois-Xavier Coudert <fxcoudert@gcc.gnu.org>

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

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libquadmath/math:

atanq.c, expmlq.c, j0q.c, j1q.c, loglpq.c, logq.c:

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

Changes for 128-bit \_\_float128 are

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ldexpq.c:

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

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c,  
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isinfq.c:

- \* Written by J.T. Conklin <jtc@netbsd.org>.
- \* Change for long double by Jakub Jelinek <jj@ultra.linux.cz>
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log10q.c:

Cephes Math Library Release 2.2: January, 1991

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Adapted for glibc November, 2001

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gcc/go/gofrontend, libgo:

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libcilkrts, libmpx:

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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/*
```

Copyright (C) 2004-2007 David Friedman

Modified by Vincenzo Ampolo, Michael Parrot, Iain Buclaw, (C) 2009, 2010

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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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Upstream-Name: cracklib

Upstream-Contact: Nathan Neulinger <nneul@umr.edu>

Source: <http://sourceforge.net/projects/cracklib>

Files: \*

Copyright: 1993 Alec Muffett <alecm@crypto.dircon.co.uk>

```

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    2008-2014 Jan Dittberner <jan@dittberner.info>
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Upstream-Name: vixie-cron
Ustream-Contact: Paul Vixie <paul@vix.com>
Source:
    The original source for this package could be obtained from
    ftp://ftp.vix.com/pub/vixie/cron-3.0, although that link appears to have gone
    down.
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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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 Sun, 13 Oct 2002 15:01:50 -0400  
 It was downloaded from <http://www.fontconfig.org/>  
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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/>

Files: \*

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-----
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Upstream-Name: Font Awesome
Upstream-Author: Dave Gandy <drgandy@alum.mit.edu>
Source: https://github.com/FortAwesome/Font-Awesome
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Upstream-Name: lato
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>>> gcc-5

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Packaging is done by the Debian GCC Maintainers

<debian-gcc@lists.debian.org>, with sources obtained from:

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

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

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

The current gcc-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
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- libgcc (libgcc/, gcc/libgcc2.[ch], gcc/unwind*, gcc/gthr*,
  gcc/coretypes.h, gcc/crtstuff.c, gcc/defaults.h, gcc/dwarf2.h,
  gcc/emults.c, gcc/gbl-ctors.h, gcc/gcov-io.h, gcc/libgcov.c,
  gcc/tsystem.h, gcc/typeclass.h).
- 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.
- libvtv

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Written by Francois-Xavier Coudert <fxcoudert@gcc.gnu.org>

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

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libquadmath/math:

atanq.c, expmlq.c, j0q.c, j1q.c, loglpq.c, logq.c:

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

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ldexpq.c:

- \* Conversion to long double by Ulrich Drepper,

- \* Cygnus Support, drepper@cygnus.com.

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c, sinq\_kernel.c, truncq.c:

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isinfq.c:

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Cephes Math Library Release 2.2: January, 1991  
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libjava/classpath/resource/gnu/java/locale/\*

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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:

$$-d/\ast$$

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Modified by Vincenzo Ampolo, Michael Parrot, Iain Buclaw, (C) 2009, 2010

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The DMD Compiler implementation of the D programming language:

$$-d/dm d/^{*}$$

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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

HomePage: <http://gcc.gnu.org/>

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Packaging is done by the Debian GCC Maintainers

<[debian-gcc@lists.debian.org](mailto:debian-gcc@lists.debian.org)>, with sources obtained from:

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

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

<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

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- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-5 Ada support library and libgnatvsn library.
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Written by Tobias Burnus <burnus@net-b.de>

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libquadmath/math:

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

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

Changes for 128-bit \_\_float128 are

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ldexpq.c:

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

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c, sinq\_kernel.c, truncq.c:

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isinfq.c:

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Cephes Math Library Release 2.2: January, 1991

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Adapted for glibc November, 2001

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>>> gcc-6-base

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Packaging is done by the Debian GCC Maintainers

<debian-gcc@lists.debian.org>, with sources obtained from:

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

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

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

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

Changes: See changelog.Debian.gz

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

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

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

Language	Sources	Development	Debugging	Position-Independent
C++			libstdc++6-6-dbg	libstdc++6-6-pic



D            libphobos-6-dev

Java        libgcj10-src libgcj10-dev libgcj10-dbg

Additional packages include:

All languages:

libgcc1, libgcc2, libgcc4            GCC intrinsics (platform-dependent)

gcc-6-base                            Base files common to all compilers

gcc-6-soft-float                      Software floating point (ARM only)

gcc-6-source                          The sources with patches

Ada:

libgnatvsn-dev, libgnatvsn6          GNAT version library

libgnatprj-dev, libgnatprj6          GNAT Project Manager library

C:

cpp-6, cpp-6-doc                    GNU C Preprocessor

libssp0-dev, libssp0                GCC stack smashing protection library

libquadmath0                        Math routines for the \_\_float128 type

fixincludes                          Fix non-ANSI header files

Java:

gij                                    The Java bytecode interpreter and VM

libgcj-common                        Common files for the Java run-time

libgcj10-awt                        The Abstract Windowing Toolkit

libgcj10-jar                         Java ARchive for the Java run-time

C, C++ and Fortran 95:

libgomp1-dev, libgomp1                GCC OpenMP (GOMP) support library

libitm1-dev, libitm1                GNU Transactional Memory Library

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- libatomic
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- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-6 Ada support library and libgnatvsn library.
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Written by Tobias Burnus <burnus@net-b.de>

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libquadmath/math:

atanq.c, expmlq.c, j0q.c, j1q.c, loglpq.c, logq.c:

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

Changes for 128-bit \_\_float128 are

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ldexpq.c:

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

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c, sinq\_kernel.c, truncq.c:

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isinfq.c:

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- \* Change for long double by Jakub Jelinek <jj@ultra.linux.cz>
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llroundq.c, lroundq.c, tgammaq.c:

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log10q.c:

Cephes Math Library Release 2.2: January, 1991

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Adapted for glibc November, 2001

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gcc/go/gofrontend, libgo:

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libcilkrts, libmpx:

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D:

gdc-6 GNU D Compiler

libphobos-6-dev D standard runtime library

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

The D front-end for GCC:

- d/\*

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Modified by Vincenzo Ampolo, Michael Parrot, Iain Buclaw, (C) 2009, 2010

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The DMD Compiler implementation of the D programming language:

- d/dmd/\*

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- d/phobos/etc/c/zlib/*
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  be misrepresented as being the original software.
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  distribution.
By plainly marking modifications, something along the lines of adding to each
file that has been changed a "Modified by Foo Bar" line
underneath the "Written by" line would be adequate.
-----
>>> gdb
HomePage: http://www.gnu.org/s/gdb/

```

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 Upstream-Contact: [gdb@sourceware.org](mailto:gdb@sourceware.org)  
 Source: <http://www.gnu.org/software/gdb/download/> w/ GFDL'd files stripped  
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 License: GPL-3+  
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 include/safe-ctype.h  
 include/timeval-utils.h  
 include/demangle.h  
 intl/bindtextdom.c  
 intl/dcgettext.c  
 intl/dcgettext.c  
 intl/dcngettext.c  
 intl/dgettext.c  
 intl/dngettext.c  
 intl/eval-plural.h  
 intl/explodename.c  
 intl/finddomain.c  
 intl/gettext.c  
 intl/gettextP.h  
 intl/gmo.h  
 intl/hash-string.h  
 intl/l10nflist.c  
 intl/libgnuintl.h  
 intl/loadinfo.h  
 intl/loadmsgcat.c  
 intl/localcharset.c  
 intl/localcharset.h  
 intl/localealias.c  
 intl/localename.c  
 intl/log.c  
 intl/ngettext.c  
 intl/osdep.c  
 intl/plural-exp.c  
 intl/plural-exp.h  
 intl/plural.c  
 intl/relocatable.c  
 intl/relocatable.h  
 intl/textdomain.c  
 libiberty/argv.c  
 libiberty/asprintf.c

```

libiberty/choose-temp.c
libiberty/concat.c
libiberty/fdmatch.c
libiberty/fopen_unlocked.c
libiberty/getruntime.c
libiberty/hex.c
libiberty/lbasename.c
libiberty/mempcpy.c
libiberty/mkstemp.c
libiberty/pex-common.c
libiberty/pex-one.c
libiberty/pexecute.c
libiberty/putenv.c
libiberty/setproctitle.c
libiberty/simple-object-common.h
libiberty/spaces.c
libiberty/stpcpy.c
libiberty/stpncpy.c
libiberty/strndup.c
libiberty/timeval-utils.c
libiberty/vasprintf.c
libiberty/xexit.c
libiberty/xmalloc.c
libiberty/xstrndup.c
libiberty/cplus-dem.c
libiberty/hashtab.c
libiberty/make-temp-file.c
libiberty/pex-common.h
libiberty/pex-djgpp.c
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libiberty/pex-unix.c
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Files: bfd/xtensa-modules.c
etc/texi2pod.pl
include/elf/xgate.h
include/fnmatch.h
include/fopen-bin.h
include/fopen-same.h
include/fopen-vms.h
include/gdbm.h
include/ieee.h
include/md5.h
include/objalloc.h
include/os9k.h
include/partition.h
include/simple-object.h
include/sort.h
include/symcat.h

```

```

include/libiberty.h
include/filenames.h
include/ansidecl.h
include/dyn-string.h
include/fibheap.h
include/floatformat.h
include/getopt.h
include/hashtab.h
include/obstack.h
include/splay-tree.h
include/xtensa-config.h
intl/intl-compat.c
libiberty/_doprnt.c
libiberty/clock.c
libiberty/cp-demint.c
libiberty/crc32.c
libiberty/dwarfnames.c
libiberty/dyn-string.c
libiberty/fibheap.c
libiberty/filename_cmp.c
libiberty/fnmatch.c
libiberty/lrealpath.c
libiberty/md5.c
libiberty/memmem.c
libiberty/objalloc.c
libiberty/obstack.c
libiberty/partition.c
libiberty/phymem.c
libiberty/simple-object-coff.c
libiberty/simple-object-elf.c
libiberty/simple-object-mach-o.c
libiberty/simple-object-xcoff.c
libiberty/simple-object.c
libiberty/snprintf.c
libiberty/sort.c
libiberty/stack-limit.c
libiberty/strtod.c
libiberty/testsuite/test-demangle.c
libiberty/testsuite/test-expandargv.c
libiberty/testsuite/test-pexecute.c
libiberty/unlink-if-ordinary.c
libiberty/vsnprintf.c
libiberty/vsprintf.c
libiberty/cp-demangle.c
libiberty/cp-demangle.h
libiberty/floatformat.c
libiberty/getopt.c
libiberty/getopt1.c
libiberty/make-relative-prefix.c
libiberty/splay-tree.c
libiberty/sha1.c

```

```

libiberty/setenv.c
ltmain.sh
Copyright: 1997-2011 Free Software Foundation, Inc
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Files: gdb/common/i386-gcc-cpuid.h
libdecnumber/bid/bid-dpd.h
libdecnumber/bid/bid2dpd_dpd2bid.c
libdecnumber/bid/bid2dpd_dpd2bid.h
libdecnumber/bid/decimal128.c
libdecnumber/bid/decimal32.c
libdecnumber/bid/decimal64.c
libdecnumber/bid/host-ieee128.c
libdecnumber/bid/host-ieee32.c
libdecnumber/bid/host-ieee64.c
libdecnumber/dconfig.h
libdecnumber/decBasic.c
libdecnumber/decCommon.c
libdecnumber/decContext.c
libdecnumber/decContext.h
libdecnumber/decDPD.h
libdecnumber/decDouble.c
libdecnumber/decDouble.h
libdecnumber/decExcept.c
libdecnumber/decExcept.h
libdecnumber/decLibrary.c
libdecnumber/decNumber.c
libdecnumber/decNumber.h
libdecnumber/decNumberLocal.h
libdecnumber/decPacked.c
libdecnumber/decPacked.h
libdecnumber/decQuad.c
libdecnumber/decQuad.h
libdecnumber/decRound.c
libdecnumber/decRound.h
libdecnumber/decSingle.c
libdecnumber/decSingle.h
libdecnumber/dpd/decimal128.c
libdecnumber/dpd/decimal128.h
libdecnumber/dpd/decimal128Local.h
libdecnumber/dpd/decimal32.c
libdecnumber/dpd/decimal32.h
libdecnumber/dpd/decimal64.c
libdecnumber/dpd/decimal64.h
include/dwarf2.h
Copyright: 2005-2014, Free Software Foundation, Inc
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Files: sim/arm/armcopro.c
sim/arm/armdefs.h
sim/arm/armemu.c
sim/arm/armemu.h
sim/arm/armfpe.h

```



```

sim/arm/arminit.c
sim/arm/armopts.h
sim/arm/armos.c
sim/arm/armos.h
sim/arm/armrdi.c
sim/arm/armsupp.c
sim/arm/armvirt.c
sim/arm/bag.c
sim/arm/bag.h
sim/arm/communicate.c
sim/arm/communicate.h
sim/arm/dbg_conf.h
sim/arm/dbg_cp.h
sim/arm/dbg_hif.h
sim/arm/dbg_rdi.h
sim/arm/gdbhost.c
sim/arm/gdbhost.h
sim/arm/kid.c
sim/arm/main.c
sim/arm/parent.c
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       sim/erc32/func.c
       sim/erc32/interf.c
       sim/erc32/sis.h
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       libiberty/random.c
       libiberty/strtoul.c
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       readline/examples/rlfe/os.h
       readline/examples/rlfe/pty.c
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-----  
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HomePage: <https://www.gnu.org/software/groff/>  
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This is the Debian GNU/Linux prepackaged version of the GNU groff  
document formatting system.  
GNU groff was written by James Clark <jjc@jclark.com>.  
It is now maintained by Ted Harding <ted.harding@nessie.mcc.ac.uk> and  
Werner Lemberg <wl@gnu.org>.  
This Debian package was previously maintained by Fabrizio Polacco  
<fpolacco@debian.org>.  
It is now maintained by Colin Watson <cjwatson@debian.org>.  
The original tarball came from <URL:ftp://groff.ffii.org/pub/groff/>:  
48fa768dd6fdeb7968041dd5ae8e2b02 groff-1.20.1.tar.gz  
and was simply renamed to groff\_1.20.1.orig.tar.gz.  
Some patches have been applied to groff outside the debian directory.  
The Debian diff also appends /usr/share/groff/tmac to the default macro path  
for compatibility with versions of groff earlier than 1.17 (patch by Colin  
Watson).

=====  
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Written by James Clark (jjc@jclark.com)

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=====

Included in this release are implementations of troff, pic, eqn, tbl, grn, refer, -man, -mdoc, and -ms macros, and drivers for PostScript, TeX dvi format, HP LaserJet 4 printers, Canon CAPSL printers, HTML format (still alpha), and typewriter-like devices. Also included is a modified version of the Berkeley -me macros, an enhanced version of the X11 xditview previewer, and an implementation of the -mm macros contributed by Joergen Haegg (jh@axis.se).

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```
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 */
```

=====

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I e-mailed the upstream maintainer to clarify the intent of this. Here is the relevant part of the reply:

```
From: Werner LEMBERG <wl@gnu.org>
To: cjwtson@debian.org
Subject: Re: Clarifying the scope of groff/LICENSE
Date: Thu, 18 Nov 2004 00:19:52 +0100 (CET)
```

```
> Since "compatible with the GPL" means to all intents and purposes
> "may be distributed under the terms of the GPL", can I correctly
> assume that groff/LICENSE grants me permission to distribute
> groff/doc/groff.texinfo and groff/doc/pic.ms under the terms of the
> GPL?
```

This is the intention, of course.

```
> If not, is the FDL thing from yesteryear going to be resolved some
> other way? I just want to make sure that I don't get forced to
> remove the groff manual, since that would really diminish the
> quality of the Debian package IMHO.
```

Sigh. I haven't found time to revert the FDL stuff back to GPL. It basically affects only Bernd Warken and me, and we have both agreed to return to GPL in case FDL makes problems.

(Note that this e-mail predates the current wording in LICENSES.)

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=====

The grn preprocessor was written by Barry Roitblat <barry@rentonww.com> and David Slattengren <slatteng@Xinet.COM>. These files have been part of the original Berkeley ditroff distribution, without AT&T code, and are in the public domain.

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=====

The file tmac/hyphen.us is identical to the file hyphen.tex, part of the TeX system written by Donald E. Knuth; the master file can be found at:

<ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex>

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=====

The file tmac/hyphen.fr contains the same patterns as the file frhyph.tex (for TeX), which can be found at:

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The patterns have been converted to a format groff can understand.

frhyph.tex % French hyphenation patterns

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%%%

% \message{frhyph.tex - French hyphenation patterns (V2.11) <2002/01/16>}

=====

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This package was re-debianized by Jason Thomas <jason@debian.org> on

Mon, 28 May 2001 14:29:03 +1000.

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

Upstream Authors:

Erich Boleyn originally designed and implemented GRUB.

VaX#n8 (real name unknown) wrote shared\_src/fsys\_ext2fs.c.

Heiko Schroeder rewrote shared\_src/stage1.S to be more readable.

The following authors assigned copyright on their work to the Free Software Foundation:

Gordon Matzigkeit adopted GRUB into the GNU Project. He fixed several bugs, added symbolic link support to shared\_src/fsys\_ext2fs.c, and began the implementation of /sbin/grub.

OKUJI Yoshinori contributed many bugfixes and new features, such as working LBA support, /sbin/grub support for configuration files, the script /sbin/grub-install, the utility /bin/mbchk, the new engine for builtin commands, disk swapping support, keyboard configuration support, network support, online help support, command-line history support, hidden menu support, the new Linux loader, serial terminal support, single-line editing support, the utility /sbin/grub-md5-crypt, the new GRUB manual, and several new commands.

Peter Astrand added support for a color menu.  
 Pavel Roskin contributed many bugfixes and new features, such as FreeBSD support for the grub shell, and configure process cleanups.  
 Klaus Reichl wrote stage2/fsys\_minix.c.  
 Per Lundberg added graphics support to the Multiboot Specification.  
 Jochen Hoenicke rewrote stage2/fsys\_fat.c and wrote stage2/fsys\_reiserfs.c and stage2/md5.c.  
 Christoph Plattner added support for Net Boot Image Proposal.  
 Stefan Ondrejicka added the commands "partnew" and "parttype".  
 Frank Mehnert added support for hercules console.

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-----
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Source: <http://www.issihosts.com/haveged/>

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Files: nist/dffft.c

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```
>>> htop
```

```
HomePage: http://hisham.hm/htop/
```

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

```
Upstream-Name: htop
```

```
Upstream-Contact: Hisham Muhammad <lode@gobolinux.org>
```

```
Source: http://hisham.hm/htop/releases/
```

```
Files: *
```

```
License: GPL-2+
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```
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```

```
Files: debian/*
```

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License: GPL-2+
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```
Copyright: 2016 Daniel Lange
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          2008-2016 Eugene V. Lyubimkin
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```

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HomePage: http://www.icu-project.org
```

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```
This package was debianized by Jay Berkenbilt <qjb@debian.org> on
August 5, 2005.
```

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



[http://icu-project.org/download/latest\\_milestone.html](http://icu-project.org/download/latest_milestone.html)

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```
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HomePage: Copyright Notice:
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: ifupdown
Source: https://anonscm.debian.org/cgit/collab-maint/ifupdown.git
Files: *
Copyright: 1999-2009 Anthony Towns
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Authors: maximilian attems <maks@debian.org>,

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<https://anonscm.debian.org/cgit/kernel/initramfs-tools.git>

Authors: maximilian attems <maks@debian.org>,

Jeff Bailey <jbailey@ubuntu.com>,

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Jeff Bailey <jbailey@ubuntu.com>,

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The source code was obtained from
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The former upstream was
  http://devresources.linuxfoundation.org/dev/iproute2/download/
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Upstream-Name: ipset
Upstream-Contact: Jozsef Kadlecsek (kadlec@blackhole.kfki.hu)
Source: http://ipset.netfilter.org/install.html
Files: *
Copyright: 2003-2014, Jozsef Kadlecsek <kadlec@blackhole.kfki.hu>
          2000-2004, Joakim Axelsson <gozem@linux.nu>
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Upstream-Contact: Netfilter Developer List <netfilter@vger.kernel.org>
Source: http://ftp.netfilter.org/
Files: *
Copyright: 2000-2002, the netfilter coreteam <coreteam@netfilter.org>
          Paul 'Rusty' Russell <rusty@rustcorp.com.au>
          Marc Boucher <marc+nf@mbsi.ca>
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Files-Excluded:
  aclocal.m4
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  compile
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To: Stephen Frost <sfrost@debian.org>  
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999  
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---  
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```
---
* To: Stephen Frost <sfrost@snowman.net>
* Subject: Re: OpenLDAP Licenseing issues
* From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>
* Date: Wed, 28 May 2003 10:55:44 -0700
* Cc: Steve Langasek <vorlon@netexpress.net>,debian-legal@lists.debian.org,
openldap-devel@OpenLDAP.org
* In-reply-to: <20030528162613.GB8524@ns.snowman.net>
* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
* Old-return-path: <Kurt@OpenLDAP.org>
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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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Upstream-Contact: Jeff Moyer <jmoyer@redhat.com>
Source: git://git.fedorahosted.org/libaio.git
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Upstream-Name: SuiteSparse

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       CHOLMOD/MATLAB/* CHOLMOD/MatrixOps/* CHOLMOD/Tcov/*
       CHOLMOD/Modify/*
       CHOLMOD/Include/cholmod_gpu.h
       CHOLMOD/Include/cholmod_gpu_kernels.h
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Upstream-Name: AppArmor
Upstream-Contact: apparmor@lists.ubuntu.com
Source: https://launchpad.net/apparmor
Files: *
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
```

```
Upstream-Name: Archive-Zip
```

```
Upstream-Contact: Adam Kennedy <adamk@cpan.org>
```

```
Source: https://metacpan.org/release/Archive-Zip
```

```
Files: *
```



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John Goerzen <jgoerzen@complete.org> on Mon, 10 Oct 2005 19:24:56 -0500.

The debian package maintenance was handed over to

Andreas Henrikson <andreas@fatal.se> in February 2010.

It was downloaded from <http://code.google.com/p/libarchive/>

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-----
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# -*- coding: utf-8 -*-
This package was debianized by Christophe Prud'homme prudhomme@debian.org on

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Mon, 4 Feb 2002 15:06:42 -0500.

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>>> libasan2

HomePage: <http://gcc.gnu.org/>

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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](mailto:debian-gcc@lists.debian.org)>, with sources obtained from:

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

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

<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

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- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
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Version 3.1, 31 March 2009

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libquadmath/math:

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libcilkrts, libmpx:

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D:

qdc-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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```
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```

The DMD Compiler implementation of the D programming language:

$$-d/dm d/^{*}$$

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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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-----  
>>> libasn1-8-heimdal

HomePage: <http://www.h51.org/>

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This package was debianized by Brian May <bam@snoopy.apana.org.au> on Wed, 8 Dec 1999 11:54:13 +1100.

It was downloaded from <http://www.pdc.kth.se/heimdal/>

Upstream Authors: heimdal-bugs@pdc.kth.se

(see above URL for mailing list info).

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RFCs in lib/wind:

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```

-----
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---

```
>>> libasprintf0v5
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emacs po-mode was written by François Pinard <pinard@iro.umontreal.ca>.
This package was first created by Erick Branderhorst <branderh@debian.org>,
and is currently maintained by Santiago Vila <sanvila@debian.org>.
This release has been built using the sources from:
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-----
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Upstream-Name: libasyns
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Source: http://0pointer.de/lennart/projects/libasyns/
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-----
```

```
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Sun, 10 Mar 2002 20:41:39 +0900.
```



It was downloaded from <<http://ftp.acc.umu.se/pub/GNOME/sources/atk/>>.

Upstream Authors:

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Marc.Mulcahy <[marc.mulcahy@sun.com](mailto:marc.mulcahy@sun.com)>

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>>> libatk1.0-data

HomePage: <http://www.gtk.org/>

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Upstream Authors:

Bill.Haneman <[bill.haneman@sun.com](mailto:bill.haneman@sun.com)>

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>>> libatomic1

HomePage: <http://gcc.gnu.org/>

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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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D:

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

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

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$$-d/\ast$$

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The Phobos standard runtime library:

- d/phobos/\*

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Upstart-Name: boost
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include/bsd/sys/queue.h
include/bsd/timeconv.h
include/bsd/vis.h
man/bitstring.3
man/explicit_bzero.3
man/fgetln.3
man/fgetwln.3
man/funopen.3bsd
```

```
man/getbsize.3
man/heapsort.3
man/nlist.3
man/queue.3bsd
man/radixsort.3
man/reallocarray.3
man/reallocf.3
man/setmode.3
man/strmode.3
man/strnstr.3
man/unvis.3
man/vis.3
man/wcslcpy.3
src/getbsize.c
src/heapsort.c
src/merge.c
src/nlist.c
src/radixsort.c
src/setmode.c
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man/fmtcheck.3

man/humanize\_number.3

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man/closefrom.3
man/flopen.3
man/getpeereid.3
man/pidfile.3
src/expand_number.c
src/hash/sha512.h
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man/strtonum.3
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src/arc4random_uniform.c
src/arc4random_unix.h
src/closefrom.c
src/getentropy_aix.c
src/getentropy_bsd.c
src/getentropy_hpux.c
src/getentropy_hurd.c
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-----  
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Upstream-Name: libcap

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

Source: <https://www.kernel.org/pub/linux/libs/security/linux-privs/libcap2/>

Files: \*

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>>> libcc1-0

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<[debian-gcc@lists.debian.org](mailto:debian-gcc@lists.debian.org)>, with sources obtained from:

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

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

<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
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gcc/tsystem.h, gcc/typeclass.h).
```

- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-5 Ada support library and libgnatvsn library.
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Written by Francois-Xavier Coudert <fxcoudert@gcc.gnu.org>

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

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ldexpq.c:

\* Conversion to long double by Ulrich Drepper,

\* Cygnus Support, drepper@cygnus.com.

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c,

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D:

qdc-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:

$$- \frac{d}{dm} \frac{d}{d^*}$$

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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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Packaging is done by the Debian GCC Maintainers

<[debian-gcc@lists.debian.org](mailto:debian-gcc@lists.debian.org)>, with sources obtained from:

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

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

<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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Upstream-Name: libdatrie

Upstream-Contact: Theppitak Karoonboonyanan <thep@linux.thai.net>

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test/dbus-daemon.c
test/fdpass.c
test/internals/printf.c
test/internals/refs.c
test/internals/syslog.c
test/loopback.c
test/manual-authz.c
test/marshal.c
test/monitor.c
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Files: *
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                1992-1997 Michael K. Johnson, johnsonm@redhat.com
                1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002,
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2003, 2004, 2005, 2008 Theodore Ts'o <tytso@mit.edu>  
 1994 Kevin E. Martin (martin@cs.unc.edu)  
 1994 Salvatore Valente <svalente@mit.edu>  
 1994,1996 Alessandro Rubini (rubini@ipvvis.unipv.it)  
 1994-2005 Jeff Tranter (tranter@pobox.com)  
 1995, 1999, 2000 Andries E. Brouwer <aeb@cw.nl>  
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lib/blkdev.c  
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misc-utils/cal.c  
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sys-utils/renice.c  
term-utils/mesg.c  
term-utils/script.c  
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term-utils/wall.c  
term-utils/write.c  
text-utils/col.c  
text-utils/colcrt.c  
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text-utils/hexdump.c  
text-utils/hexdump.h  
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       libfdisk/src/*
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Upstream Authors:

Anthony Green <green@redhat.com>

GCC developers

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include/test_libs_common/*
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src/metaflac/*
src/plugin_common/charset.c
src/plugin_common/charset.h
src/plugin_common/dither.c
src/plugin_common/replaygain.c
src/plugin_common/replaygain.h
src/plugin_xmms/*
src/share/grabbag/picture.c
src/share/utf8/*
src/test_grabbag/*
src/test_libFLAC++/*
src/test_libFLAC/*
src/test_libs_common/*
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src/utils/flacdifff/*
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       include/FLAC/*
       include/share/alloc.h
       include/share/compat.h
       include/share/endswap.h
       include/share/macros.h
       include/share/private.h
       include/share/safe_str.h
       include/share/win_utf8_io.h
       src/libFLAC++/*
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 include/share/grabbag/seektable.h  
 include/share/replaygain\_analysis.h  
 include/share/replaygain\_synthesis.h  
 src/plugin\_common/all.h  
 src/plugin\_common/defs.h  
 src/plugin\_common/dither.h  
 src/plugin\_common/tags.c  
 src/plugin\_common/tags.h  
 src/share/grabbag/cuesheet.c  
 src/share/grabbag/file.c  
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*
* To compute the message digest of a chunk of bytes, declare an
* MD5Context structure, pass it to MD5Init, call MD5Update as
* needed on buffers full of bytes, and then call MD5Final, which
* will fill a supplied 16-byte array with the digest.
*
* Changed so as no longer to depend on Colin Plumb's `usual.h'
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* - Ian Jackson <ijackson@nyx.cs.du.edu>.
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David Turner	<david.turner@freetype.org>
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>>> libgcc-5-dev

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Packaging is done by the Debian GCC Maintainers

<[debian-gcc@lists.debian.org](mailto:debian-gcc@lists.debian.org)>, with sources obtained from:

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

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

<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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\* Cygnus Support, drepper@cygnus.com.

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c,

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Cephes Math Library Release 2.2: January, 1991

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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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```
>>> libgcc1
```

HomePage: <http://gcc.gnu.org/>

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<debian-gcc@lists.debian.org>, with sources obtained from:

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

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

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

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

Changes: See changelog.Debian.gz

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

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

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

Language	Sources	Development	Debugging	Position-Independent
C++			libstdc++6-6-dbg	libstdc++6-6-pic
D	libphobos-6-dev			
Java	libgcj10-src	libgcj10-dev	libgcj10-dbg	

Additional packages include:

All languages:

libgcc1, libgcc2, libgcc4

GCC intrinsics (platform-dependent)

gcc-6-base

Base files common to all compilers

gcc-6-soft-float

Software floating point (ARM only)

gcc-6-source

The sources with patches

Ada:

libgnatvsn-dev, libgnatvsn6

GNAT version library

libgnatprj-dev, libgnatprj6

GNAT Project Manager library

C:

```

cpp-6, cpp-6-doc          GNU C Preprocessor
libssp0-dev, libssp0      GCC stack smashing protection library
libquadmath0             Math routines for the __float128 type
fixincludes               Fix non-ANSI header files
Java:
gij                       The Java bytecode interpreter and VM
libgcj-common             Common files for the Java run-time
libgcj10-awt              The Abstract Windowing Toolkit
libgcj10-jar              Java ARchive for the Java run-time
C, C++ and Fortran 95:
libgomp1-dev, libgomp1    GCC OpenMP (GOMP) support library
libitm1-dev, libitm1      GNU Transactional Memory Library
Biarch support: On some 64-bit platforms which can also run 32-bit code,
Debian provides additional packages containing 32-bit versions of some
libraries. These packages have names beginning with 'lib32' instead of
'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which
can also run 64-bit code, Debian provides additional packages with names
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  gcc/tsystem.h, gcc/typeclass.h).
- libatomic
- libdecnumber
- libgomp
- libitm
- libssp

```

- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-6 Ada support library and libgnatvsn library.
- Various config files in gcc/config/ used in runtime libraries.
- libvtv

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D:

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

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

The D front-end for GCC:

$$-d/\ast$$

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$$- \, d/dm d/^{*}$$

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- d/phobos/etc/c/zlib/*
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The Phobos standard runtime library:

- d/phobos/\*

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HomePage: <http://directory.fsf.org/project/libgcript/>

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This package was debianized by Ivo Timmermans <[ivo@debian.org](mailto:ivo@debian.org)> on Fri, 3 Aug 2001 10:02:38 +0200.

It was taken over by Matthias Urlichs <[smurf@debian.org](mailto:smurf@debian.org)>, and is now maintained by Andreas Metzler <[ametzler@debian.org](mailto:ametzler@debian.org)> Eric Dorland <[eric@debian.org](mailto:eric@debian.org)>, James Westby <[jw+debian@jameswestby.net](mailto:jw+debian@jameswestby.net)>

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mpi/hppal.1/mpi-h-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,
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 Wrote cipher/des.c.  
 Changes and bug fixes all over the place.  
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 Disclaims changes.  
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 GNUPG Rémi Guyomarch 1999-05-25  
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 mpi/hppa1.1/udiv-qrnd.S, mpi/hppa1.1/mpih-mul2.S,  
 mpi/hppa1.1/mpih-mull1.S, mpi/Makefile.am, tests/prime.c,  
 tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,  
 tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)  
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 (cipher/camellia-glue.c and related stuff)

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```

```
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---

```
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```

```
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```

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```
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```

```
<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
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```



```
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gcc/emults.c, gcc/gbl-ctors.h, gcc/gcov-io.h, gcc/libgcov.c,
gcc/tsystem.h, gcc/typeclass.h).
```

- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-5 Ada support library and libgnatvsn library.
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\* Conversion to long double by Ulrich Drepper,

\* Cygnus Support, drepper@cygnus.com.

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D:

```
qdc-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:

- $$- \frac{d}{dm} \frac{d}{dm} *$$

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The Phobos standard runtime library:

- d/phobos/\*

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lib/accelerated/x86/elf/aes-ssse3-x86.s
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Comment: This code is not used on Debian/\*, since we have a working  
 vasprintf() in glibc.

```
lib/extras/hex.*
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Author: Rusty Russell <rusty@rustcorp.com.au>

Comment: <http://ccodearchive.net/info/str/hex.html>

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  OpenSSL compatible interface.
  Ludovic Courtes *ludo [at] gnu.org*
  Guile bindings, OpenPGP bug fixes.
  Mario Lenz *m [at] riolenz.de*
```

Fixes to OpenCDK.  
 Howard Chu \*hyc [at] symas.com\*  
 APIs to extract X.500 DN's from Certificates.  
 Ivo Timmermans \*ivo [at] o2w.nl\*  
 Man pages, OpenCDK, fixes.  
 Stefan Walter \*stef [at] memberwebs.com\*  
 PKCS8 fix, PKCS #11 backend move to p11-kit.  
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 Daiki Ueno \*ueno [at] unixuser.org\*  
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 finished client-side TLS 1.2 support.  
 Brad Hards \*bradh [at] frogmouth.net\*  
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 C++ fixes.  
 Steve Dispensa \*dispensa [at] phonefactor.com\*  
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 Jonathan Bastien-Filiatrault \*joe [at] x2a.org\*  
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 Redesign and implementation of the buffering layer.  
 Initial DTLS implementation.  
 Ruslan Ijbulatov (LRN) \*lrn1986 [at] gmail.com\*  
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 David Woodhouse \*dwmw2 [at] infradead.org\*  
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maintained by Andreas Metzler <ametzler@debian.org> Eric Dorland
<eric@debian.org>, James Westby <jw+debian@jameswestby.net>
It was downloaded from ftp://ftp.gnutls.org/gcrypt/gnutls/
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 Redesign and implementation of the buffering layer.  
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Comment: This code is not used on Debian/*, since we have a working
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>>> libgomp1

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Packaging is done by the Debian GCC Maintainers

<[debian-gcc@lists.debian.org](mailto:debian-gcc@lists.debian.org)>, with sources obtained from:

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

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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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- libstdc++-v3
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atanq.c, expmlq.c, j0q.c, j1q.c, loglpq.c, logq.c:

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

Changes for 128-bit \_\_float128 are

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ldexpq.c:

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

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c,  
sinq\_kernel.c, truncq.c:

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isinfq.c:

- \* Written by J.T. Conklin <jtc@netbsd.org>.
- \* Change for long double by Jakub Jelinek <jj@ultra.linux.cz>
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llroundq.c, lroundq.c, tgammaq.c:

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log10q.c:

Cephes Math Library Release 2.2: January, 1991  
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libjava/classpath/resource/gnu/java/locale/\*

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gcc/go/gofrontend, libgo:

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libcilkrts, libmpx:

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D:

gdc-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:

$$-d/\ast$$

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Modified by Vincenzo Ampolo, Michael Parrot, Iain Buclaw, (C) 2009, 2010

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The DMD Compiler implementation of the D programming language:

$$- \frac{d}{dm} \frac{d}{dm} *$$

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

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Upstream-Name: google-glog

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

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>>> libgoogle-perftools4

HomePage: <http://code.google.com/p/gperftools/>

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Upstream-Name: gperftools

Upstream-Contact: [google-perftools@googlegroups.com](mailto:google-perftools@googlegroups.com)

Source: <http://code.google.com/p/gperftools/>

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>>> libgpg-error-dev

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

Upstream-Name: libgpg-error

Upstream-Contact: gnupg-devel@gnupg.org

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

Files: \*

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---

```
>>> libgpg-error0
```

```
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```

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```

```
Upstream-Name: libgpg-error
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```
Upstream-Contact: gnupg-devel@gnupg.org
```

```
Source: ftp://ftp.gnupg.org/gcrypt/libgpg-error/
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```
>>> libgpm2
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HomePage: http://www.nico.schottelius.org/software/gpm/
```

```
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This is Debian GNU/Linux's prepackaged version of the General Purpose Mouse Interface utility. The general purpose mouse daemon tries to be a useful mouse server for applications running on the Linux console. This package was put together by, James Troup <james@nocrew.org>.

Now maintained as a team by:

Guillem Jover <guillem@debian.org>

Peter Samuelson <peter@pl2n.org>

The upstream source was downloaded from:

<http://unix.schottelius.org/gpm/archives/>

The initial changes while packaging were minor :-

- adding support for the Debian package maintenance scheme, by adding various debian/\* files.
- gpm.c (processConn): type of socket length changed (size\_t -> socklen\_t).
- debuglog.c: #include <string.h> to quiet -Wall.
- doc/Makefile.in (maintainer-clean): clean without interaction and clean all relevant files (i.e. gpm.info-{1,2}).
- doc/Makefile.in: add support for mouse-test.1.

The following changes were thought of and done mostly by François Gouget <fgouget@mygale.org>; though I didn't apply his patches as they were for various reasons:

- gpn.c (cmdline): modified handling of -t command line argument, so it can be used by anyone regardless of whether or not a copy of gpm is already running.
- gpn.c (usage): update for new -t option "types".
- mice.c: improved descriptions of mouse types.
- mice.c (M\_listMice): function used by -t help, reworked version of old M\_listTypes.
- mice.c (M\_listTypes): function used by -t types; lists only mnemonics.

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-----
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Format: http://dep.debian.net/deps/dep5
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Thu, 19 Oct 2000 16:05:06 -0400.
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<http://web.mit.edu/kerberos/>
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

```
lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
```

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

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

slave/kproplog.c

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tests/testbbox.c

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Files: gtk/gtktexttag.\*, gtk/gtktextsegment.c, gtk/gtktextchild.c,

gtk/gtktextchildprivate.h, gtk/gtktextbtree.c

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Over time, GTK+ has incorporated some pieces of software which started as independent projects. We list the original authors here:  
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 Pixbuf theme engine

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 IME input method

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```

gtk/gtktoolitemgroup.h
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Upstream Authors: heimdal-bugs@pdc.kth.se

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Source: <ftp://ftp.linux.student.kuleuven.be/pub/people/skimo/isl/>

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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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LLVM Team

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<http://llvm.org>

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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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Upstream-Name: Jansson

Upstream-Contact: Petri Lehtinen <[petri@digip.org](mailto:petri@digip.org)>

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

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-----
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on Feb 26 2005.
The source was downloaded from <http://jline.sourceforge.net/>.
Upstream author: Marc Prud'hommeaux <mwp1@cornell.edu>
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```
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Copyright Notice:
Format-Specification:
http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135
Name: libjpeg-turbo
Source: lp:libjpeg-turbo
Files: *
Copyright: 1999-2006 MIYASAKA Masaru
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Format-Specification:

<http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Name: libjpeg8-empty

Files: \*

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Source: http://jquery.com/
Comment: For more details on developers please see
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```
-----
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Upstream-Name: Modernizr
Source: https://github.com/Modernizr/Modernizr
Files: *
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X-Comment: despite the code and readme.md saying the code is dual
        licensed under BSD and MIT, the page on the upstream website they
        point to (http://modernizr.com/license/) only lists MIT, so I
        assume the code is really only licensed under MIT.
Files: debian/*
Copyright: © 2012, David Paleino <dapal@debian.org>
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=====

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- \* Daniel Neuhäuser <@DasIch>
- \* Jon Waltman <@jonwaltman>
- \* Rob Ruana <@RobRuana>
- \* Robert Lehmann <@lehmannro>
- \* Roland Meister <@rolmei>

Other contributors, listed alphabetically, are:

- \* Alastair Houghton -- Apple Help builder
- \* Andi Albrecht -- agogo theme
- \* Jakob Lykke Andersen -- Rewritten C++ domain
- \* Henrique Bastos -- SVG support for graphviz extension
- \* Daniel Bültmann -- todo extension
- \* Etienne Desautels -- apidoc module
- \* Michael Droettboom -- inheritance\_diagram extension
- \* Charles Duffy -- original graphviz extension
- \* Kevin Dunn -- MathJax extension
- \* Josip Dzolonga -- coverage builder
- \* Hernan Grecco -- search improvements
- \* Horst Gutmann -- internationalization support
- \* Martin Hans -- autodoc improvements
- \* Doug Hellmann -- graphviz improvements
- \* Takeshi Komiya -- numref feature
- \* Dave Kuhlman -- original LaTeX writer
- \* Blaise Laflamme -- pyramid theme
- \* Thomas Lamb -- linkcheck builder
- \* Łukasz Langa -- partial support for autodoc
- \* Ian Lee -- quickstart improvements
- \* Robert Lehmann -- gettext builder (GSOC project)
- \* Dan MacKinlay -- metadata fixes
- \* Martin Mahner -- nature theme
- \* Will Maier -- directory HTML builder
- \* Jacob Mason -- websupport library (GSOC project)
- \* Roland Meister -- epub builder
- \* Ezio Melotti -- collapsible sidebar JavaScript
- \* Daniel Neuhäuser -- JavaScript domain, Python 3 support (GSOC)
- \* Christopher Perkins -- autosummary integration
- \* Benjamin Peterson -- unittests
- \* T. Powers -- HTML output improvements
- \* Jeppe Pihl -- literalinclude improvements
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- \* Shibukawa Yoshiki -- pluggable search API and Japanese search
- \* Antonio Valentino -- qthelp builder
- \* Pauli Virtanen -- autodoc improvements, autosummary extension
- \* Stefan van der Walt -- autosummary extension
- \* Thomas Waldmann -- apidoc module fixes

\* John Waltman -- Texinfo builder  
 \* Barry Warsaw -- setup command improvements  
 \* Sebastian Wiesner -- image handling, distutils support  
 \* Joel Wurtz -- cellspanning support in LaTeX

Many thanks for all contributions!

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-----
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Upstream-Name: Underscore
Upstream-Contact: http://github.com/documentcloud/underscore/issues/
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>>> libjson-c2
HomePage: https://github.com/json-c/json-c/wiki
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Upstream-Name: json-c
Upstream-Contact: <michael@metaparadigm.com>
Source: https://github.com/json-c/json-c/wiki
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Upstream-Name: jsoncpp
Upstream-Contact: Christopher Dunn <cdunn2001@gmail.com>
Source: https://github.com/open-source-parsers/jsoncpp

```

Files: \*

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Files: *
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```
lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
```

```

lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

```

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

```

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

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```

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```

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```

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```
lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
```



```
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
```

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

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

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

lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c

```

lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

```

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

```

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

```

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

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Local-Date: Fri, 06 Jun 2003 13:18:52 -0400
Date: Fri, 6 Jun 2003 10:18:52 -0700
From: Juan Gomez <juang@us.ibm.com>
To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source
Stephen,
```



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Date: Thu, 5 Jun 2003 16:53:32 -0400 (EDT)  
From: Mark Adamson <adamson@andrew.cmu.edu>  
To: Stephen Frost <sfrost@debian.org>  
Subject: Re: Mark Adamson license in OpenLDAP source  
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* To: Stephen Frost <sfrost@snowman.net>
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* From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>
* Date: Wed, 28 May 2003 10:55:44 -0700
* Cc: Steve Langasek <vorlon@netexpress.net>, debian-legal@lists.debian.org,
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* In-reply-to: <20030528162613.GB8524@ns.snowman.net>
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<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

```
libgccj10-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
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gcc/tssystem.h, gcc/typeclass.h).
- 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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Written by Francois-Xavier Coudert <fxcoudert@gcc.gnu.org>

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

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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:

$$-d/dm d/*$$

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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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Upstream-Name: Lua team
Upstream-Contact: team@lua.org
Source: http://www.lua.org/ftp
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```
-----
>>> libluajit-5.1-2
HomePage: http://luajit.org
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```

```

Format: http://dep.debian.net/deps/dep5/
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Upstream-Contact: Mike Pall, http://luajit.org/contact.html
Source: http://luajit.org/
Files: *
Copyright: 2005-2011, Mike Pall
License: MIT/X
Files: src/lua.h src/lauxlib.h src/lualib.h
Copyright: 1994-2011, Lua.org, PUC-Rio
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```
-----
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Upstream-Name: LuaJIT
Upstream-Contact: Mike Pall, http://lua-jit.org/contact.html
Source: http://lua-jit.org/
Files: *
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Upstream-Name: lz4

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>>> liblzma5

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Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

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

Source:

<http://tukaani.org/xz>

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To: Jonathan Nieder <jrnieder@gmail.com>
Subject: Re: XZ utils for Debian
Date: Sun, 19 Jul 2009 13:28:23 +0300
Message-Id: <200907191328.23816.lasse.collin@tukaani.org>
```

```
[...]
```

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 src/liblzma/check/crc64\_tablegen.c  
 src/liblzma/lzma/fastpos\_tablegen.c  
 src/liblzma/rangecoder/price\_tablegen.c

```

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  .
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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,
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Origin: configure.ac from XZ Utils,
        visibility.m4 serial 1 (gettext-0.15),
        Autoconf 2.52g
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>>> liblzo2-2

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Upstream author: Markus F.X.J. Oberhumer <markus@oberhumer.com>

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-----  
>>> libmagic1

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Upstream-Name: file

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Files: \*

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Files:

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- src/asprintf.c
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Upstream-Name: GNU libmatheval

Upstream-Contact: Aleksandar B. Samardzic <asamardzic@gnu.org>

Source: <http://www.gnu.org/software/libmatheval/>

Comment: This package was debianized by Miguel Gea Milvaques <debian@miguelgea.com> on Fri, 15 Oct 2004 17:06:13 +0200.

The current Maintainer is Julian Taylor <jtaylor.debian@googlegmail.com>

Files: \*

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Applies to memmem implementation



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Changes:

\* Added Debian GNU/Linux packaging files.

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```
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```

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Upstream-Name: libmnl

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

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

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Files: *
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Packaging is done by the Debian GCC Maintainers

<debian-gcc@lists.debian.org>, with sources obtained from:

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

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

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

The current gcc-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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libquadmath/math:

atanq.c, expmlq.c, j0q.c, j1q.c, loglpq.c, logq.c:

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

Changes for 128-bit \_\_float128 are

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

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c, sinq\_kernel.c, truncq.c:

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D:

gdc-5 GNU D Compiler

libphobos-5-dev D standard runtime library

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

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- d/\*

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The DMD Compiler implementation of the D programming language:

- d/dmd/\*

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dbug/main.c
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dbug/remove_function_from_trace.pl
dbug/tests.c
dbug/tests-t.pl
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dbug/user.r
extra/yassl/src/dummy.cpp
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libmysqld/resource.h
mysql-test/*
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storage/ndb/bin/*
storage/ndb/demos/*
support-files/build-tags
support-files/binary-configure.sh
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support-files/my-huge.cnf.sh
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win/create_def_file.js
man/*
.gitignore
BUILD-CMAKE
COPYING
Doxyfile-perfschema
INSTALL
INSTALL-SOURCE
INSTALL-WIN-SOURCE
VERSION
plugin/connection_control/*
plugin/innodb_memcached/daemon_memcached/*
plugin/innodb_memcached/README-innodb_memcached
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Files: BUILD/*
Docs/*
client/*
client/echo.c
client/get_password.c
cmake/*
debug/debug_add_tags.pl
extra/*
include/*
libmysql/*

```

```

libmysqld/*
libservices/*
mysql-test/include/have_perfschema.inc
mysql-test/include/have_perfschema.inc
mysql-test/lib/mtr_cases.pm
mysql-test/lib/mtr_gcov.pl
mysql-test/lib/mtr_gprof.pl
mysql-test/lib/mtr_io.pl
mysql-test/lib/mtr_match.pm
mysql-test/lib/mtr_misc.pl
mysql-test/lib/mtr_process.pl
mysql-test/lib/mtr_report.pm
mysql-test/lib/mtr_results.pm
mysql-test/lib/mtr_stress.pl
mysql-test/lib/mtr_unique.pm
mysql-test/lib/My/ConfigFactory.pm
mysql-test/lib/My/Config.pm
mysql-test/lib/My/CoreDump.pm
mysql-test/lib/My/File/*
mysql-test/lib/My/Find.pm
mysql-test/lib/My/Handles.pm
mysql-test/lib/My/Options.pm
mysql-test/lib/My/Platform.pm
mysql-test/lib/My/SafeProcess/Base.pm
mysql-test/lib/My/SafeProcess.pm
mysql-test/lib/My/SafeProcess/safe_kill_win.cc
mysql-test/lib/My/SafeProcess/safe_process.cc
mysql-test/lib/My/SafeProcess/safe_process.pl
mysql-test/lib/My/SafeProcess/safe_process_win.cc
mysql-test/lib/My/SysInfo.pm
mysql-test/lib/My/Test.pm
mysql-test/lib/t/*
mysql-test/lib/v1/mtr_cases.pl
mysql-test/lib/v1/mtr_gcov.pl
mysql-test/lib/v1/mtr_gprof.pl
mysql-test/lib/v1/mtr_im.pl
mysql-test/lib/v1/mtr_io.pl
mysql-test/lib/v1/mtr_match.pl
mysql-test/lib/v1/mtr_misc.pl
mysql-test/lib/v1/mtr_process.pl
mysql-test/lib/v1/mtr_report.pl
mysql-test/lib/v1/mtr_stress.pl
mysql-test/lib/v1/mtr_timer.pl
mysql-test/lib/v1/mtr_unique.pl
mysql-test/lib/v1/My/*
mysql-test/lib/v1/My/*
mysql-test/lib/v1/mysql-test-run.pl
mysql-test/mysql-stress-test.pl
mysql-test/mysql-test-run.pl
mysql-test/std_data/*
mysql-test/suite/perfschema/include/*

```

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mysql-test/suite/perfschema_stress/include/*
mysql-test/suite/perfschema_stress/include/*
mysys/*
packaging/WiX/ca/*
plugin/audit_null/*
plugin/auth/*
plugin/daemon_example/*
plugin/fulltext/*
plugin/semisync/semisync_slave.cc
plugin/semisync/semisync_slave.h
scripts/*
sql/*
sql-common/*
storage/*
strings/*
support-files/compiler_warnings.supp
support-files/config.huge.ini.sh
support-files/config.medium.ini.sh
support-files/config.small.ini.sh
support-files/MacOSX/*
support-files/RHEL4-SELinux/*
support-files/MySQL-shared-compat.spec.sh
support-files/mysql.spec.sh
support-files/mysql.5.7.*.spec
support-files/mysql.m4
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 scripts/mysqlaccess.sh  
 scripts/mysql\_fix\_extensions.sh  
 scripts/mysql\_setpermission.sh  
 sql-bench/\*  
 storage/myisam/ftbench/ft-test-run.sh  
 storage/myisam/mi\_test\_all.sh  
 storage/ndb/test/run-test/atrt-analyze-result.sh  
 storage/ndb/test/run-test/atrt-clear-result.sh  
 storage/ndb/test/run-test/atrt-gather-result.sh  
 storage/ndb/test/run-test/atrt-setup.sh  
 storage/ndb/test/run-test/make-config.sh  
 storage/ndb/test/run-test/make-html-reports.sh  
 storage/ndb/test/run-test/make-index.sh  
 storage/ndb/test/run-test/ndb-autotest.sh  
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packaging/\*

libbinlogevents/\*

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plugin/password\_validation/\*

plugin/replication\_observers\_example/\*

plugin/rewriter/\*

plugin/rewrite\_example/\*

plugin/semisync/\*

```

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plugin/test_service_sql_api/*
plugin/version_token/*
plugin/keyring/*
testclients/*
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Files: packaging/*
CMakeLists.txt
README
config.h.cmake
configure.cmake
dbug/CMakeLists.txt
support-files/CMakeLists.txt
plugin/innodb_memcached/CMakeLists.txt
plugin/innodb_memcached/daemon_memcached/CMakeLists.txt
plugin/innodb_memcached/innodb_memcache/*
plugin/innodb_memcached/daemon_memcached/daemon/memcached_mysql.cc
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Upstream-Name: Nettle

Upstream-Contact: Niels Möller <nisse@lysator.liu.se>

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.  
A list of the supported algorithms, their origins and licenses (from the manual):

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.  
ARCFOUR  
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The C implementation is by Nippon Telegraph and Telephone Corporation (NTT), heavily modified by Niels Möller. Assembler for x86 and x86\_64 by Niels Möller. Released under the LGPL.

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CAST128  
The implementation of the CAST128 cipher is written by Steve Reid. Released into the public domain.

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DES  
The implementation of the DES cipher is written by Dana L. How, and released under the LGPL.

.  
MD2  
The implementation of MD2 is written by Andrew Kuchling, and hacked some by Andreas Sigfridsson and Niels Möller. Python Cryptography Toolkit license (essentially public domain).

.  
MD4  
This is almost the same code as for MD5 below, with modifications by Marcus Comstedt. Released into the public domain.

.  
MD5  
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## SHA1

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## SHA224, SHA256, SHA384, and SHA512

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

.

## TWOFISH

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

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## RSA

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>>> libnetty-3.9-java

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Upstream-Name: nghttp2
Upstream-Contact: Tatsuhiro Tsujikawa <t-tujikawa@users.sourceforge.net>
Source: https://github.com/tatsuhiro-t/nghttp2
Files: *

```

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Upstream-Name: nginx
Source: http://nginx.org/en/download.html
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Copyright: 2002-2014 Igor Sysoev
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```

```

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Upstream-Name: nginx
Source: http://nginx.org/en/download.html
Files: *
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```
-----
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Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: nginx
Source: http://nginx.org/en/download.html
```

```

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```
-----
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Copyright Notice:
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: nginx
Source: http://nginx.org/en/download.html
Files: *
Copyright: 2002-2014 Igor Sysoev
          2011-2014 Nginx, Inc.
              Maxim Dounin
              Valentin V. Bartenev
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       src/http/modules/nginx_http_uwsgi_module.c
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          2009-2010 Unbit S.a.s.
          2008      Manlio Perillo (manlio.perillo@gmail.com)

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```
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Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: nginx
Source: http://nginx.org/en/download.html
Files: *
Copyright: 2002-2014 Igor Sysoev
          2011-2014 Nginx, Inc.
              Maxim Dounin
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```
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Copyright Notice:
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: nginx
Source: http://nginx.org/en/download.html
Files: *
Copyright: 2002-2014 Igor Sysoev
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```
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```
-----
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HomePage: http://nginx.net
Copyright Notice:
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: nginx
Source: http://nginx.org/en/download.html
Files: *
Copyright: 2002-2014 Igor Sysoev
          2011-2014 Nginx, Inc.
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2011 Dmitry E. Oboukhov <unera@debian.org>

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```
-----
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Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: nginx
Source: http://nginx.org/en/download.html
Files: *
Copyright: 2002-2014 Igor Sysoev
          2011-2014 Nginx, Inc.
              Maxim Dounin
              Valentin V. Bartenev
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License: BSD-2-clause
Files: src/core/nginx_murmurhash.c
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```

```

        2011          Dmitry E. Oboukhov <unera@debian.org>
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---

```
>>> libnginx-mod-http-uploadprogress
```

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 Upstream-Name: nginx  
 Source: <http://nginx.org/en/download.html>  
 Files: \*  
 Copyright: 2002-2014 Igor Sysoev  
           2011-2014 Nginx, Inc.  
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```
-----
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HomePage: http://nginx.net
Copyright Notice:
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: nginx
Source: http://nginx.org/en/download.html
Files: *
Copyright: 2002-2014 Igor Sysoev
          2011-2014 Nginx, Inc.
              Maxim Dounin
              Valentin V. Bartenev
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License: BSD-2-clause
Files: src/core/nginx_murmurhash.c
Copyright: Copyright (C) Austin Appleby
License: BSD-2-clause
Files: src/http/modules/nginx_http_scgi_module.c
       src/http/modules/nginx_http_uwsgi_module.c
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        2009-2014, Kartik Mistry <kartik@debian.org>
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        2011      Dmitry E. Oboukhov <unera@debian.org>
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Copyright: Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
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        Igor Sysoev
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Files: debian/modules/nchan/src/store/redis/cmp.*
Copyright: 2015 Charles Gunyon
License: MIT
Files: debian/modules/http-uploadprogress/*

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```

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          2002-2007, Igor Sysoev
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          2009-2012, Piotr Sikora <piotr.sikora@frickle.com>
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---

```
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HomePage: http://nginx.net
Copyright Notice:
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: nginx
Source: http://nginx.org/en/download.html
Files: *
Copyright: 2002-2014 Igor Sysoev
          2011-2014 Nginx, Inc.
              Maxim Dounin
              Valentin V. Bartenev
              Roman Arutyunyan
              Ruslan Ermilov
License: BSD-2-clause
Files: src/core/nginx_murmurhash.c
Copyright: Copyright (C) Austin Appleby
License: BSD-2-clause
Files: src/http/modules/nginx_http_scgi_module.c
      src/http/modules/nginx_http_uwsgi_module.c
Copyright: Copyright (C) Igor Sysoev
          Copyright (C) Nginx, Inc.
          2009-2010 Unbit S.a.s.
          2008      Manlio Perillo (manlio.perillo@gmail.com)
License: BSD-2-clause
Files: contrib/geo2nginx.pl
Copyright: 2005, Andrei Nigmatulin
License: BSD-2-clause
Files: debian/*
Copyright: 2007-2009, Fabio Tranchitella <kobold@debian.org>
          2008,      Jose Parrella <joseparrella@cantv.net>
          2009-2014, Kartik Mistry <kartik@debian.org>
          2010-2014, Michael Lustfield <michael@lustfield.net>
          2011      Dmitry E. Oboukhov <unera@debian.org>
          2011-2013, Cyril Lavier <cyril.lavier@davromaniak.eu>
          2013-2016, Christos Trochalakis <ctrochalakis@debian.org>
License: BSD-2-clause
Files: debian/modules/http-headers-more-filter/*
Copyright: Copyright (c) 2009-2014, Yichun "agentzh" Zhang (章亦春)
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          Copyright (c) 2010-2013, Bernd Dorn
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```

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       debian/modules/http-ndk/src/hash/sha.h  
 Copyright: Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)  
 License: BSD-4-clause  
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 Files: debian/modules/nchan/\*  
 Copyright: 2009-2016 Leo Ponomarev  
 License: MIT  
 Files: debian/modules/nchan/src/store/redis/cmp.\*  
 Copyright: 2015 Charles Gunyon  
 License: MIT  
 Files: debian/modules/http-uploadprogress/\*  
 Copyright: Brice Figureau  
       2002-2007, Igor Sysoev  
 License: BSD-2-clause  
 Files: debian/modules/http-cache-purge/\*  
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       2009-2012, Piotr Sikora <piotr.sikora@frickle.com>  
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```
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HomePage: http://nginx.net
Copyright Notice:
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: nginx
Source: http://nginx.org/en/download.html
Files: *
Copyright: 2002-2014 Igor Sysoev
          2011-2014 Nginx, Inc.
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```

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Files: contrib/geo2nginx.pl

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```
-----
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Copyright Notice:
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: nginx
Source: http://nginx.org/en/download.html
Files: *
Copyright: 2002-2014 Igor Sysoev
          2011-2014 Nginx, Inc.
              Maxim Dounin
              Valentin V. Bartenev
              Roman Arutyunyan
              Ruslan Ermilov

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          2008      Manlio Perillo (manlio.perillo@gmail.com)

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```

```

2009-2014, Kartik Mistry <kartik@debian.org>
2010-2014, Michael Lustfield <michael@lustfield.net>
2011      Dmitry E. Oboukhov <unera@debian.org>
2011-2013, Cyril Lavier <cyril.lavier@davromaniak.eu>
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Files: debian/modules/http-dav-ext/*
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```

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Source: http://nginx.org/en/download.html
Files: *
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This package was debianized by Heiko Stuebner <heiko@sntech.de> on Tue, 16 Jan 2006 12:00:46 +0000.

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

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

## Upstream Author:

Thomas Graf <tgraf@suug.ch>

## Copyright:

lib/route/addr.c

include/netlink/route/addr.h

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Baruch Even <baruch@ev-en.org>

lib/route/cls/u32.c

lib/route/cls/fw.c

lib/route/sch/htb.c

include/netlink/route/cls/fw.h

include/netlink/route/sch/htb.h

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lib/netfilter/log\_msg.c

lib/netfilter/ct.c

include/netlink/netfilter/log\_msg.h

include/netlink/netfilter/log.h

lib/netfilter/log\_obj.c

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include/netlink/netfilter/queue\_msg.h

lib/netfilter/queue\_msg\_obj.c

lib/netfilter/queue\_msg.c

lib/netfilter/queue.c

```

lib/netfilter/netfilter.c
lib/netfilter/queue_obj.c
include/netlink/netfilter/netfilter.h
include/netlink/netfilter/queue.h
src/nf-queue.c
    Copyright (c) Patrick McHardy <kaber@trash.net>
include/netlink/xfrm/selector.h
include/netlink/xfrm/sa.h
include/netlink/xfrm/ae.h
include/netlink/xfrm/sp.h
include/netlink/xfrm/template.h
include/netlink/xfrm/lifetime.h
lib/xfrm/sa.c
lib/xfrm/template.c
lib/xfrm/ae.c
lib/xfrm/sp.c
lib/xfrm/selector.c
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src/nl-addr-list.c
src/nl-cls-add.c
src/cls/utils.c
src/cls/cgroup.c
src/cls/utils.h
src/cls/basic.c
src/nl-addr-delete.c:
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Public License can be found in /usr/share/common-licenses/GPL-2
include/netlink/xfrm/selector.h
include/netlink/xfrm/sa.h
include/netlink/xfrm/ae.h
include/netlink/xfrm/sp.h
include/netlink/xfrm/template.h
include/netlink/xfrm/lifetime.h
lib/xfrm/sa.c
lib/xfrm/template.c
lib/xfrm/ae.c
lib/xfrm/sp.c
lib/xfrm/selector.c
lib/xfrm/lifetime.c

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Tue, 16 Jan 2006 12:00:46 +0000.
The packaging is based on Michael Biebl's <biebl@teco.edu> original packaging
of libnl1.
It was downloaded from https://github.com/thom311/libnl/releases
Upstream Author:
    Thomas Graf <tgraf@suug.ch>
Copyright:
lib/route/addr.c
include/netlink/route/addr.h
    Copyright (c) Thomas Graf <tgraf@suug.ch>
    Baruch Even <baruch@ev-en.org>
lib/route/cls/u32.c
lib/route/cls/fw.c
```

```

lib/route/sch/htb.c
include/netlink/route/cls/fw.h
include/netlink/route/sch/htb.h
    Copyright (c) Thomas Graf <tgraf@suug.ch>
    Copyright (c) Petr Gotthard <petr.gotthard@siemens.com>
    Copyright (c) Siemens AG Oesterreich
lib/netfilter/log_msg.c
lib/netfilter/ct.c
include/netlink/netfilter/log_msg.h
include/netlink/netfilter/log.h
lib/netfilter/log_obj.c
    Copyright (c) Thomas Graf <tgraf@suug.ch>
    Copyright (c) Philip Craig <philipc@snapgear.com>
    Copyright (c) Patrick McHardy <kaber@trash.net>
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include/netlink/netfilter/queue_msg.h
lib/netfilter/queue_msg_obj.c
lib/netfilter/queue_msg.c
lib/netfilter/queue.c
lib/netfilter/netfilter.c
lib/netfilter/queue_obj.c
include/netlink/netfilter/netfilter.h
include/netlink/netfilter/queue.h
src/nf-queue.c
    Copyright (c) Patrick McHardy <kaber@trash.net>
include/netlink/xfrm/selector.h
include/netlink/xfrm/sa.h
include/netlink/xfrm/ae.h
include/netlink/xfrm/sp.h
include/netlink/xfrm/template.h
include/netlink/xfrm/lifetime.h
lib/xfrm/sa.c
lib/xfrm/template.c
lib/xfrm/ae.c
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```
include/netlink/xfrm/selector.h
include/netlink/xfrm/sa.h
include/netlink/xfrm/ae.h
include/netlink/xfrm/sp.h
include/netlink/xfrm/template.h
include/netlink/xfrm/lifetime.h
lib/xfrm/sa.c
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trust/pem.c trust/pem.h common/argv.c common/argv.h common/pkcs11x.h
common/pkcs11i.h
common/test-constants.c common/test-hash.c
pll-kit/pkcs11.h pll-kit/test-managed.c pll-kit/test-modules.c
trust/builder.c
trust/builder.h trust/digest.h trust/module.c trust/module.h trust/pem.c
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p11-kit/test-log.c trust/anchor.c trust/anchor.h  
trust/enumerate.c trust/enumerate.h trust/extract.c  
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        common/dict.c common/dict.h

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        common/test-constants.c common/test-hash.c
        p11-kit/pkcs11.h p11-kit/test-managed.c p11-kit/test-modules.c
        trust/builder.c
        trust/builder.h trust/digest.h trust/module.c trust/module.h trust/pem.c
        trust/pem.h trust/oid.c trust/oid.h trust/parser.h
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 p11-kit/test-log.c trust/anchor.c trust/anchor.h  
 trust/enumerate.c trust/enumerate.h trust/extract.c  
 trust/extract-cer.c trust/extract.h trust/extract-jks.c  
 trust/extract-openssl.c trust/extract-pem.c trust/index.c  
 trust/index.h trust/list.c trust/list.h trust/persist.c  
 trust/persist.h trust/save.c trust/save.h trust/frob-bc.c  
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Files: common/mock.h common/path.h common/frob-getauxval.c

common/test-lexer.c common/test-message.c

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p11-kit/iter.c p11-kit/iter.h p11-kit/test-iter.c

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Upstream-Name: libcap

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Files: *
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```
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THE C++ WRAPPER FUNCTIONS

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Format:
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Upstream-Name: pcsc-lite
Upstream-Contact: muscle@lists.musclecard.com
                  ludovic.rousseau@free.fr
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-----
>>> libperl5.22
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: perl
Source: http://www.perl.com/CPAN/src/5.0/
Comment:
    This package was debianized by Brendan O'Dea <bod@debian.org> on
    Thu, 17 Aug 2000 16:10:54 +1000.
    .
    Upstream Authors:
    .
    Larry Wall et. al. (see /usr/share/doc/perl/AUTHORS).
    .
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cpan/Module-Load/\*  
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bzip2/libbzip2 version 1.0.5 of 10 December 2007

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Files:

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2003 Chris Rivera
2003 Robert Love <rml@tech9.net>
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```
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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

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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                 |
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| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
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| 2.4            | 2.3          | 2004      | PSF        | yes                 |
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- (2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1

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

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dh\_python2, pycompile, pyclean and debpython module:

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```

```
-----
>>> libpython-stdlib
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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
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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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| 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                 |
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| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |
| 2.4.4          | 2.4.3        | 2006      | PSF        | yes                 |
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| 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                 |
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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                 |
| 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                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.5   | 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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Mersenne Twister

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The `\_random` module includes code based on a download from  
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A C-program for MT19937, with initialization improved 2002/1/26.

Coded by Takuji Nishimura and Makoto Matsumoto.

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

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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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=====
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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| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
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| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
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Mersenne Twister

-----

The `\_random` module includes code based on a download from  
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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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 - 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.  
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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

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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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| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
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| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
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| 2.6.4          | 2.6.3        | 2009      | 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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-----

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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.
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In 1995, Guido continued his work on Python at the Corporation for
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In May 2000, Guido and the Python core development team moved to
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| 2.1.2 | 2.1.1 | 2002      | PSF | yes |
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Mersenne Twister

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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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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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| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
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| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
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|-------|-------|------|-----|-----|
| 2.5   | 2.4   | 2006 | PSF | yes |
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| 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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| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
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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
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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 |
| 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 |
| 2.5   | 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 |
| 3.0   | 2.6   | 2008      | PSF | yes |
| 3.0.1 | 3.0   | 2009      | PSF | yes |
| 3.1   | 3.0.1 | 2009      | PSF | yes |
| 3.1.1 | 3.1   | 2009      | PSF | yes |
| 3.1.2 | 3.1.1 | 2010      | PSF | yes |
| 3.1.3 | 3.1.2 | 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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Any feedback is very welcome.

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

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Sockets

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

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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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#### 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



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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                 |
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| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
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| 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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| 2.6.2          | 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                 |
| 3.0            | 2.6          | 2008      | PSF        | yes                 |
| 3.0.1          | 3.0          | 2009      | PSF        | yes                 |
| 3.1            | 3.0.1        | 2009      | PSF        | yes                 |
| 3.1.1          | 3.1          | 2009      | PSF        | yes                 |
| 3.1.2          | 3.1.1        | 2010      | PSF        | yes                 |
| 3.1.3          | 3.1.2        | 2010      | PSF        | yes                 |
| 3.1.4          | 3.1.3        | 2011      | PSF        | yes                 |
| 3.2            | 3.1          | 2011      | PSF        | yes                 |
| 3.2.1          | 3.2          | 2011      | PSF        | yes                 |
| 3.2.2          | 3.2.1        | 2011      | PSF        | yes                 |

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Mersenne Twister

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A C-program for MT19937, with initialization improved 2002/1/26.

Coded by Takuji Nishimura and Makoto Matsumoto.

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

or `init_by_array(init_key, key_length)`.

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

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

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

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 -----

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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.

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| 2.6   | 2.5   | 2008 | PSF | yes |
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| 3.1.2 | 3.1.1 | 2010 | PSF | yes |
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Mersenne Twister

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A C-program for MT19937, with initialization improved 2002/1/26.

Coded by Takuji Nishimura and Makoto Matsumoto.

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Modified by Jack Jansen, CWI, July 1995:

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

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```
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collection, containing Ada, C, C++, Fortran 95, Java, Objective-C,
Objective-C++, and Treelang compilers, documentation, and support
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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
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  gcc/tssystem.h, gcc/typeclass.h).
- 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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- \* 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 Phobos standard runtime library:

- d/phobos/\*

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       src/erasure-code/isa/*
       src/include/str_map.h
       src/test/common/test_str_map.cc
       src/test/erasure-code/*
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Files: src/mount/canonicalize.c

src/test/common/test\_config.cc

src/test/crush/TestCrushWrapper.cc

src/test/common/Throttle.cc

src/test/objectstore/chain\_xattr.cc

src/test/mon/mon-test-helpers.sh

src/test/objectstore/chain\_xattr.cc

src/test/osd/osd-test-helpers.sh

src/ceph-disk

src/stop.sh

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src/test/mon/PGMap.cc

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Files: src/common/ceph\_hash.cc

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`http://burtleburtle.net/bob/hash/evahash.html`

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src/java/native/JniConstants.\*

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<https://git.kernel.org/cgit/utils/util-linux/util-linux.git/tree/mount-deprecated/fstab.c?h=v2.22#n559>

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Files: src/test/librbd/fsx.c

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Comment:

<http://codemonkey.org.uk/projects/fsx/>

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Files: man/\*

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Upstream-Contact: Sage Weil <sage@newdream.net>
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Files-Excluded: debian
Files: *
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Files: src/erasure-code/jerasure/ErasureCode*
       src/erasure-code/ErasureCode*
       src/erasure-code/isa/*
       src/include/str_map.h
       src/test/common/test_str_map.cc
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 src/test/crush/TestCrushWrapper.cc  
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 src/test/mon/mon-test-helpers.sh  
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Files: m4/acx\_pthread.m4

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<https://bitbucket.org/jimplank/gf-complete>

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"mount/fstab.c" from line 559:  
<https://git.kernel.org/cgit/utils/util-linux/util-linux.git/tree/mount-deprecated/fstab.c?h=v2.22#n559>  
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Comment:

<http://codemonkey.org.uk/projects/fsx/>  
<http://codemonkey.org.uk/projects/fsx/fsx-macosforge/fsx.c>  
 Files: man/\*

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Upstream Authors: heimdal-bugs@pdc.kth.se

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>>> libsasl2-dev

HomePage: <http://www.cyrusimap.org/>

Copyright Notice:

Format: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=173>

Upstream-Name: Cyrus SASL

Source: <ftp://ftp.andrew.cmu.edu/pub/cyrus-mail/>

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>>> libsasl2-modules-db
HomePage: http://www.cyrusimap.org/
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Format: http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=173
Upstream-Name: Cyrus SASL
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Upstream-Name: sbc
Source: http://www.bluez.org/
Files: sbc/sbc.c sbc/sbc_math.h
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Files: src/formats.h
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Files: debian/sbcinfo.1

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Upstream-Name: libseccomp
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#### Authors:

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 Merlin Hughes [merlin@merlin.org](mailto:merlin@merlin.org)  
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libsepol is

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-----
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HomePage: http://www.slf4j.org
Copyright Notice:
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Simple Logging Facade for Java (SLF4J)
Source: http://www.slf4j.org/dist/
Comment:
    The upstream supplied source package contains binary jar files and
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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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-----  
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```

-----  
tools/shhopt.c, tools/shhopt.h:

```
Title:      shhopt - library for parsing command line options.
Version:    1.1.2
Entered-date: 23MAR97
Description: C-functions for parsing command line options, both
             traditional one-character options, and GNU'ish
             --long-options.
Keywords:   programming, library, lib, commandline, options
Author:     s.h.huseby@usit.uio.no (Sverre H. Huseby)
Primary-site: http://www.ifi.uio.no/~sverrehu/pub-unix/
Alternate-site: sunsite.unc.edu /pub/Linux/libs
             shhopt-1.1.2.tar.gz
```

Platforms: Requires ANSI C-compiler.

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```
-----
-----
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It was downloaded from: <http://www.mega-nerd.com/libsndfile/>

Upstream Author: Erik de Castro Lopo <erikd@mega-nerd.com>

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>>> libsnmp-base

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src/libsodium/crypto\_pwhash/scryptsalsa20sha256/nosse/pwhash\_scryptsalsa20sha256\_nosse.c

src/libsodium/crypto\_pwhash/scryptsalsa20sha256/sse/pwhash\_scryptsalsa20sha256\_sse.c

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src/libsodium/crypto\_auth/hmacsha512256/cp/hmac\_hmacsha512256.c

src/libsodium/crypto\_hash/sha256/cp/hash\_sha256.c

src/libsodium/crypto\_hash/sha512/cp/hash\_sha512.c

src/libsodium/crypto\_pwhash/scryptsalsa20sha256/pbkdf2-sha256.h

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src/libsodium/crypto\_core/hsalsa20/ref2/core\_hsalsa20.c

src/libsodium/crypto\_core/salsa2012/ref/core\_salsa2012.c

src/libsodium/crypto\_onetimeauth/poly1305/53/auth\_poly1305\_53.c

src/libsodium/crypto\_stream/salsa20/ref/stream\_salsa20\_ref.c

src/libsodium/crypto\_stream/salsa20/ref/xor\_salsa20\_ref.c

src/libsodium/crypto\_stream/salsa208/ref/stream\_salsa208.c

src/libsodium/crypto\_stream/salsa208/ref/xor\_salsa208.c

src/libsodium/crypto\_stream/salsa2012/ref/stream\_salsa2012.c

src/libsodium/crypto\_stream/salsa2012/ref/xor\_salsa2012.c

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Files:

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-----
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: sqlite3
Source: http://www.sqlite.org/cgi/src/dir?ci=trunk
Files: *
Copyright: D. Richard Hipp <drh@hwaci.com>
License: public-domain
The files listed have been put on the public domain by the sqlite3
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Files: debian/*
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```
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```

command-line interface parsing library library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:

tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Upstream-Name: libssh
Upstream-Contact: libssh@libssh.org
                  Andreas Schneider <asn@cryptomilk.org>
Source: https://red.libssh.org/projects/libssh/files
Files: include/libssh/auth.h
       include/libssh/bind.h
       include/libssh/buffer.h
       include/libssh/channels.h
       include/libssh/crc32.h
       include/libssh/crypto.h
       include/libssh/dh.h
       include/libssh/ecdh.h
       include/libssh/gssapi.h
       include/libssh/kex.h
       include/libssh/keys.h
       include/libssh/legacy.h
       include/libssh/libcrypto.h
       include/libssh/libgcrypt.h
       include/libssh/libssh.h
       include/libssh/libsshpp.hpp
       include/libssh/messages.h
       include/libssh/misc.h
       include/libssh/packet.h
       include/libssh/pcap.h
       include/libssh/pki.h
       include/libssh/pki_priv.h
```

```
include/libssh/poll.h
include/libssh/priv.h
include/libssh/scp.h
include/libssh/server.h
include/libssh/session.h
include/libssh/sftp.h
include/libssh/socket.h
include/libssh/string.h
include/libssh/threads.h
include/libssh/wrapper.h
src/auth1.c
src/base64.c
src/bind.c
src/buffer.c
src/client.c
src/connect.c
src/crc32.c
src/ecdh.c
src/error.c
src/gcrypt_missing.c
src/init.c
src/kex.c
src/kex1.c
src/legacy.c
src/libcrypto.c
src/libgcrypt.c
src/log.c
src/messages.c
src/packet.c
src/packet1.c
src/packet_cb.c
src/packet_crypt.c
src/pcap.c
src/server.c
src/session.c
src/sftpserver.c
src/socket.c
src/string.c
src/threads.c
src/threads/pthread.c
src/wrapper.c
tests/benchmarks/bench_raw.c
tests/benchmarks/bench_scp.c
tests/benchmarks/bench_sftp.c
tests/benchmarks/benchmarks.c
tests/benchmarks/benchmarks.h
tests/benchmarks/latency.c
tests/client/torture_algorithms.c
tests/client/torture_auth.c
tests/client/torture_connect.c
tests/client/torture_knownhosts.c
```

```

tests/client/torture_session.c
tests/test_pcap.c
tests/test_socket.c
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Files: examples/exec.c
       examples/senddata.c
       include/libssh/ssh1.h
       include/libssh/ssh2.h
       src/curve25519_ref.c
       tests/authentication.c
       tests/benchmarks/bench1.sh
       tests/benchmarks/bench2.sh
       tests/chmodtest.c
       tests/client/torture_proxycommand.c
       tests/client/torture_sftp_dir.c
       tests/client/torture_sftp_read.c
       tests/client/torture_sftp_static.c
       tests/cmdline.c
       tests/connection.c
       tests/generate.py
       tests/sftp_stress/main.c
       tests/test_exec.c
       tests/test_ssh_bind_accept_fd.c
       tests/test_tunnel.c
       tests/tests.h
       tests/unittests/torture_buffer.c
       tests/unittests/torture_callbacks.c
       tests/unittests/torture_channel.c
       tests/unittests/torture_init.c
       tests/unittests/torture_isipaddr.c
       tests/unittests/torture_keyfiles.c
       tests/unittests/torture_list.c
       tests/unittests/torture_misc.c
       tests/unittests/torture_options.c
       tests/unittests/torture_pki.c
       tests/unittests/torture_rand.c

```

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```

Files: examples/authentication.c
       examples/connect_ssh.c
       examples/examples_common.h
       examples/knownhosts.c
       examples/libssh_scp.c
       examples/libsshpp.cpp
       examples/libsshpp_noexcept.cpp
       examples/proxy.c
       examples/sample.c
       examples/samplesftp.c

```

```

examples/samplessh-cb.c
examples/samplessh-kbdint.c
examples/samplessh-tty.c
examples/samplessh.c
examples/scp_download.c
examples/sshnetcat.c

```

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Files: src/channels.c  
 src/channels1.c  
 src/gzip.c  
 src/known\_hosts.c  
 src/misc.c  
 src/options.c  
 src/pki.c  
 src/pki\_crypto.c  
 src/pki\_gcrypt.c  
 src/sftp.c

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Files: include/libssh/agent.h  
 include/libssh/options.h  
 src/agent.c  
 src/callbacks.c  
 src/config.c  
 tests/client/torture\_forward.c  
 tests/client/torture\_request\_env.c  
 tests/torture.c  
 tests/torture.c  
 tests/torture.h

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 src/curve25519.c

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 src/scp.c

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       cmake/Modules/DefineCompilerFlags.cmake
       cmake/Modules/DefineInstallationPaths.cmake
       cmake/Modules/DefinePlatformDefaults.cmake
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  Using license from cmake/Modules/COPYING-CMAKE-SCRIPTS
Files: cmake/Modules/FindGCRYPT.cmake
       cmake/Modules/FindOpenSSL.cmake
       cmake/Modules/FindZLIB.cmake
       cmake/Modules/MacroEnsureOutOfSourceBuild.cmake
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```

```
-----
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```
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collection, containing Ada, C, C++, Fortran 95, Java, Objective-C,
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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.
- libvtv

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Developed by:

LLVM Team

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Version 3.1, 31 March 2009
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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.

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- d/\*

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- d/dmd/\*

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The Zlib data compression library:

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

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The Phobos standard runtime library:

- d/phobos/\*

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>>> libstdc++6

HomePage: <http://gcc.gnu.org/>

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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](mailto:debian-gcc@lists.debian.org)>, with sources obtained from:

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

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

<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](http://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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Developed by:

LLVM Team

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Version 3.1, 31 March 2009

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Written by Francois-Xavier Coudert <fxcoudert@gcc.gnu.org>

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

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libquadmath/math:

atanq.c, expmlq.c, j0q.c, j1q.c, loglpq.c, logq.c:

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

Changes for 128-bit \_\_float128 are

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ldexpq.c:

\* Conversion to long double by Ulrich Drepper,

\* Cygnus Support, drepper@cygnus.com.

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c,

sinq\_kernel.c, truncq.c:

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isinfq.c:

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

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Cephes Math Library Release 2.2: January, 1991

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Adapted for glibc November, 2001

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gcc/go/gofrontend, libgo:

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```
D:
gdc-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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```
-----
>>> libsuitesparseconfig4.4.6
HomePage: http://www.suitesparse.com
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: SuiteSparse
Upstream-Contact: Timothy A. Davis <davis@tamu.edu>
Source: http://www.suitesparse.com
Files: *
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: libthai
Upstream-Contact: Theppitak Karoonboonyanan <thep@linux.thai.net>
Source: ftp://linux.thai.net/pub/thailinux/software/libthai/
Files: *
Copyright: 2001-2013 Theppitak Karoonboonyanan <thep@linux.thai.net>,
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          Vuthichai Ampornaramveth <vuthi@nii.ac.jp>,
          Poonlap Veerathanabutr <poonlap@linux.thai.net>,
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Upstream-Name: libthai

Upstream-Contact: Theppitak Karoonboonyanan <thep@linux.thai.net>

Source: <ftp://linux.thai.net/pub/thailinux/software/libthai/>

Files: \*

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

Upstream-Name: LibTIFF

Upstream-Contact: [tiff@lists.maptools.org](mailto:tiff@lists.maptools.org)

Source: <http://libtiff.maptools.org/>

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```
-----
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: TimeDate
Upstream-Contact: Graham Barr <gbarr@pobox.com>
Source: https://metacpan.org/release/TimeDate
Files: *
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Files: lib/Date/Language/Bulgarian.pm
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Files: debian/*
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---

```
>>> libtinfo5
```

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HomePage: http://invisible-island.net/ncurses/
```

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

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

```
Current versions of the ncurses sources are found at
```

```
ftp://invisible-island.net/ncurses/.
```

```
It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>,
```

```
David Engel <david@elo.ods.com>. Michael Alan Dorman
```

```
<mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup
```

```
<jjttroup@comp.brad.ac.uk>, J.H.M. Dassen (Ray)
```

```
<jdassen@wi.LeidenUniv.nl>, and Galen Hazelwood <galenh@micron.net>
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over various years.
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>>> libtsan0

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<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-5-base

gcc-5-soft-float

gcc-5-source

GCC intrinsics (platform-dependent)

Base files common to all compilers

Software floating point (ARM only)

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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- libitm
- libssp
- libstdc++-v3
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Version 3.1, 31 March 2009

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

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ldexpq.c:

\* Conversion to long double by Ulrich Drepper,

\* Cygnus Support, drepper@cygnus.com.

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c,

sinq\_kernel.c, truncq.c:

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isinfq.c:

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

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

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



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Cephes Math Library Release 2.2: January, 1991

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Adapted for glibc November, 2001

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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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>>> libubsan0

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<[debian-gcc@lists.debian.org](mailto:debian-gcc@lists.debian.org)>, with sources obtained from:

```

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

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ldexpq.c:

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

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c, sinq\_kernel.c, truncq.c:

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log10q.c:

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gcc/go/gofrontend, libgo:

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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:

$$- \frac{d}{dm} \frac{d}{d^*}$$

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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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Upstream-Name: systemd
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Upstream-Name: ustr (ustr - Micro String API - for C)

Upstream-Contact: James Antill <james@and.org>

Source: <http://www.and.org/ustr/>

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Upstream-Contact: util-linux@vger.kernel.org
Source: https://www.kernel.org/pub/linux/utils/util-linux/
Files: *
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                1992-1997 Michael K. Johnson, johnsonm@redhat.com
                1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002,
                2003, 2004, 2005, 2008 Theodore Ts'o <tytso@mit.edu>
                1994 Kevin E. Martin (martin@cs.unc.edu)
                1994 Salvatore Valente <svalente@mit.edu>
```

1994,1996 Alessandro Rubini (rubini@ipvvis.unipv.it)  
 1994-2005 Jeff Tranter (tranter@pobox.com)  
 1995, 1999, 2000 Andries E. Brouwer <aeb@cw.nl>  
 1997-2005 Frodo Looijaard <frodo@frodo.looijaard.name>  
 1998 Danek Duvall <duvall@alumni.princeton.edu>  
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lib/loopdev.c

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 term-utils/mesg.c  
 term-utils/script.c  
 term-utils/ttymsg.c  
 term-utils/wall.c  
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>>> libx11-6

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>>> libxdamagel

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>>> libxpm4

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>>> libxshmfence1

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>>> libxslt1-dev

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This package was debianized by Nicolás Lichtmaier <nick@debian.org> on Thu, 22 Feb 2001 23:09:08 -0300. The current package maintainer is Ardo van Rangelooij <ardo@debian.org>.

This package's upstream homepage is <http://xmlsoft.org/XSLT/>

Upstream Author: Daniel Veillard <Daniel.Veillard@imag.fr>

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 2010, GW <gw.2010@tnode.com or http://gw.tnode.com/>  
 License: Artistic-2  
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HomePage: http://lloyd.github.com/yajl/
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: YAJL (Yet Another JSON Library)
Upstream-Contact: Lloyd Hilaiel <me@lloyd.io>
Source: http://lloyd.github.com/yajl/
Files: *
Copyright: 2007-2014 Lloyd Hilaiel <me@lloyd.io>
License: ISC
Files: src/yajl_tree.c
       src/api/yajl_tree.h
Copyright: 2010-2011 Florian Forster <ff@octo.it>
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HomePage: http://lloyd.github.com/yajl/
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: YAJL (Yet Another JSON Library)
Upstream-Contact: Lloyd Hilaiel <me@lloyd.io>
Source: http://lloyd.github.com/yajl/
Files: *
Copyright: 2007-2014 Lloyd Hilaiel <me@lloyd.io>
License: ISC
Files: src/yajl_tree.c
       src/api/yajl_tree.h
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```

```
Upstream-Name: LibYAML
```

```
Upstream-Contact: Kirill Simonov <xi@resolvent.net>
```

```
Source: http://pyyaml.org/wiki/LibYAML
```

```
Files: *
```

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```
>>> libyaml-cpp0.5v5
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Upstream-Name: yaml-cpp
Source: https://github.com/jbeder/yaml-cpp
Files: *
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>>> libzmq5
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: ZeroMQ
Source: http://zeromq.org
Comment: The upstream tarball has been repacked in order to remove the bundled
tarball of OpenPGM.
Files: *
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```

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       src/options.*
       src/req.*
       src/socket_base.*
       src/pipe.*
       src/encoder.cpp
       src/lb.cpp
       src/session_base.*
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 Upstream-Name: Apache Zookeeper  
 Source: <http://hadoop.apache.org/zookeeper/releases.html>  
 Files: \*  
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 Files: src/contrib/zooinspector/src/java/com/\*  
       debian/patches/01-add-jtoaster-to-zooinspector.patch  
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```
-----
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HomePage: http://savannah.gnu.org/projects/findutils/
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It was downloaded from ftp://ftp.gnu.org/gnu/findutils
Debian maintainer history: The original package was put together by
Ian Murdock <imurdock@debian.org>, afterwards Kevin Dalley
<kevind@rahul.net> took over. 2003-07 Andreas Metzler
<ametzler@debian.org> followed.
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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```

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HomePage: https://fedorahosted.org/logrotate/
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This package was originally debianized by Joseph Carter
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This version was downloaded from RedHat's server at:
  https://fedorahosted.org/releases/l/o/logrotate/
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Upstream-Name: LSB implementation package
Files: *
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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
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```
-----
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: lsof
Upstream-Contact: https://lists.rcac.purdue.edu/listinfo/lsof-1
Source: ftp://lsof.itap.purdue.edu/pub/tools/unix/lsof/
Comment: The following changes were made to the upstream tarball:
  1.) The directory dialects/uw was removed for being non-DFSG
  and not needed in Debian.
  2.) The main source was a tarball within a tarball. Only the innermost
  tarball has been retained.
  3.) The top-level directory has been stripped away as it embedded the
  version number making packaging more difficult.
Files: *
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Files: debian/*
Copyright:
  1996, Dominik Kubla <dominik@debian.org>
  1997, Michael Meskes <meskes@debian.org>
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Files: dialects/freebsd/include/procfs/pfsnode.h
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Files: dialects/darwin/libproc/dstore.c dialects/darwin/libproc/ddev.c
dialects/darwin/libproc/dsock.c dialects/darwin/libproc/dproc.c
dialects/darwin/libproc/dproto.h dialects/darwin/libproc/dlsof.h
dialects/darwin/libproc/dfile.c dialects/darwin/libproc/dmnt.c
dialects/darwin/libproc/machine.h [portins thereof]
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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

HomePage: Copyright Notice:

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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
```

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```
>>> man-db
HomePage: http://man-db.nongnu.org/
Copyright Notice:
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: man-db
Upstream-Contact: Colin Watson <cjwatson@debian.org>
Source: http://man-db.nongnu.org/
Files: *
Copyright: 1990, 1991 John W. Eaton
          1994, 1995 Markus Armbruster
          1994, 1995 Graeme W. Wilford (Wilf.)
          1995 Carl Edman
          1996-1998, 2000 Fabrizio Polacco
          2001-2012 Colin Watson
          1984, 1989-1992, 1995-2012 Free Software Foundation, Inc.
```

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-----  
>>> mawk  
HomePage: Copyright Notice:  
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>.  
mawk 1.3.3 Nov 1996, Copyright (C) Michael D. Brennan  
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```
-----
>>> mime-support
HomePage: Copyright Notice:
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
Copyright: (c) 1991 Bell Communications Research, Inc. (Bellcore)
License: Bellcore
```

```
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  for any purpose and without fee is hereby granted, provided
  that the above copyright notice and this permission notice
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```

```
Comment: Author: Nathaniel S. Borenstein
-----
```

```
>>> mount
HomePage: Copyright Notice:
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: *
Copyright:      Michal Luscon <mluscon@redhat.com>
                1986 Gary S. Brown
                1990 Gordon Irlam (gordoni@cs.ua.oz.au)
                1991, 1992 Linus Torvalds
                1991-2004 Miquel van Smoorenburg
                1992 A. V. Le Blanc (LeBlanc@mcc.ac.uk)
                1992-1997 Michael K. Johnson, johnsonm@redhat.com
                1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002,
                2003, 2004, 2005, 2008 Theodore Ts'o <tytso@mit.edu>
                1994 Kevin E. Martin (martin@cs.unc.edu)
                1994 Salvatore Valente <svalente@mit.edu>
                1994,1996 Alessandro Rubini (rubini@ipvvis.unipv.it)
```

1994-2005 Jeff Tranter (tranter@pobox.com)  
 1995, 1999, 2000 Andries E. Brouwer <aeb@cw.nl>  
 1997-2005 Frodo Looijaard <frodo@frodo.looijaard.name>  
 1998 Danek Duvall <duvall@alumni.princeton.edu>  
 1999 Andreas Dilger  
 1999-2002 Transmeta Corporation  
 1999, 2000, 2002-2009, 2010, 2011, 2012, 2014 Red Hat, Inc.  
 2000 Werner Almesberger  
 2004-2006 Michael Holzt, kju -at- fqdn.org  
 2005 Adrian Bunk  
 2007-2014 Karel Zak <kzak@redhat.com>  
 2007, 2011 SuSE LINUX Products GmbH  
 2008 Cai Qian <qcai@redhat.com>  
 2008 Hayden A. James (hayden.james@gmail.com)  
 2008 James Youngman <jay@gnu.org>  
 2008 Roy Peled, the.roy.peled -at- gmail.com  
 2009 Mikhail Gusarov <dottedmag@dottedmag.net>  
 2010, 2011, 2012 Davidlohr Bueso <dave@gnu.org>  
 2010 Jason Borden <jborden@bluehost.com>A  
 2010 Hajime Taira <htaira@redhat.com>  
 2010 Masatake Yamato <yamato@redhat.com>  
 2011 IBM Corp.  
 2012 Andy Lutomirski <luto@amacapital.net>  
 2012 Lennart Poettering  
 2012 Sami Kerola <kerolasa@iki.fi>  
 2012 Cody Maloney <cmaloney@theoreticalchaos.com>  
 2012 Werner Fink <werner@suse.de>  
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Files: schedutils/chrt.c

      schedutils/taskset.c

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

      2010 Karel Zak <kzak@redhat.com>

License: GPL-2

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Files: sys-utils/nsenter.c

Copyright: 2012-2013 Eric Biederman <ebiederm@xmission.com>

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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
text-utils/line.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
      text-utils/hexdump-parse.c
      text-utils/rev.c
      text-utils/ul.c
```

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```
Files: text-utils/tailf.c
```

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```

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```
Files: text-utils/pg.c
```

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```
Files: login-utils/last-deprecated.c
```

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```
Files: login-utils/login.c
```

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Files: login-utils/logindefs.c  
 Copyright: 2003, 2004, 2005 Thorsten Kukuk  
 License: BSD-3-clause  
 Files: libuuid/\*  
       libuuid/src/\*  
       libuuid/man/\*  
 Copyright: 1996, 1997, 1998, 1999, 2007 Theodore Ts'o.  
           1999 Andreas Dilger (adilger@enel.ucalgary.ca)  
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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 <oprala@redhat.com>  
           2012-2014 Karel Zak <kzak@redhat.com>  
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 Files: login-utils/setpwnam.h  
       login-utils/setpwnam.c  
 Copyright: 1994 Martin Schulze <joe@infodrom.north.de>  
           1994 Salvatore Valente <svalente@mit.edu>  
 License: LGPL-2+  
 Files: libfdisk/\*  
       libfdisk/src/\*  
 Copyright: 2007-2013 Karel Zak <kzak@redhat.com>  
           2012 Davidlohr Bueso <dave@gnu.org>  
 License: LGPL-2.1+  
 Files: lib/cpuset.c  
       \*/match.\*  
       lib/canonicalize.c  
       include/at.h  
 Copyright: 2008-2009, 2010, 2011, 2012 Karel Zak <kzak@redhat.com>  
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 Files: \*/readutmp.\*  
 Copyright: 1992-2007, 2009-2014 Free Software Foundation, Inc.  
 License: GPL-3+  
 Files: \*/timeutils.\*  
 Copyright: 2010 Lennart Poettering  
 License: LGPL-2.1+  
 Files: include/list.h  
 Copyright: 2008 Karel Zak <kzak@redhat.com>  
           1999-2008 by Theodore Ts'o  
 License: LGPL  
 Files: libblkid/\*  
       libblkid/src/\*  
       libblkid/samples/\*  
       libblkid/src/partitions/\*



```

libblkid/src/superblocks/*
libblkid/src/topology/*
Copyright: 1999, 2001 Andries Brouwer
          1995, 1995, 1996, 1997, 1999, 2000, 2001, 2002, 2003, 2004
          Theodore Ts'o.
          2001 Andreas Dilger (adilger@turbolinux.com)
          2004-2008 Kay Sievers <kay.sievers@vrfy.org>
          2008-2013 Karel Zak <kzak@redhat.com>
          2009 Bastian Friedrich <bastian.friedrich@collax.com>
          2009 Corentin Chary <corentincj@iksaif.net>
          2009 Mike Hommey <mh@glandium.org>
          2009 Red Hat, Inc.
          2009-2010 Andreas Dilger <adilger@sun.com>
          2010 Andrew Nayenko <resver@gmail.com>
          2010 Jeroen Oortwijn <oortwijn@gmail.com>
          2010 Jiro SEKIBA <jir@unicus.jp>
          2011 Philipp Marek <philipp.marek@linbit.com>
          2012 Milan Broz <mbroz@redhat.com>
          2013 Alejandro Martinez Ruiz <alex@nowcomputing.com>
          2013 Eric Sandeen <sandeen@redhat.com>
          2013 Rolf Fokkens <rolf@fokkens.nl>
          2013 Zeeshan Ali (Khattak) <zeeshanak@gnome.org>
License: LGPL-2.1+
Files: include/cpuset.h
       lib/randutils.c
Copyright: *unknown*
License: LGPL
Files: misc-utils/blkid.c
Copyright: 2001 Andreas Dilger
License: LGPL
Files: libmount/*
       libmount/src/*
Copyright: 2008-2012 Karel Zak <kzak@redhat.com>
License: LGPL-2.1+
Files: libmount/python/*
Copyright: 2013, Red Hat, Inc.
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Files: libsmartcols/*
Copyright: 2009-2014 Karel Zak <kzak@redhat.com>
          2014 Ondrej Oprala <oprala@redhat.com>
License: LGPL
Files: debian/*
Copyright: Guy Maor <maor@debian.org>
          Sean 'Shaleh' Perry <shaleh@debian.org>
          Adrian Bunk <bunk@stusta.de>
          LaMont Jones <lamont@debian.org>
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```
-----
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HomePage: Copyright Notice:
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: mountall
License: GPL-2
Files: *
Copyright: 2009-2012 Canonical Ltd.
License: GPL-2
Files: intl/*
Copyright: 1995-2007 Free Software Foundation, Inc.
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```

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>>> multiarch-support

HomePage: <http://www.gnu.org/software/libc/libc.html>

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 support-files/build-tags  
 support-files/binary-configure.sh  
 support-files/magic  
 support-files/my-default.cnf.sh  
 support-files/my-huge.cnf.sh  
 support-files/my-innodb-heavy-4G.cnf.sh  
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 support-files/my-medium.cnf.sh

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support-files/my-small.cnf.sh
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support-files/mysql.server-sys5.sh
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mysql-test/lib/My/SafeProcess/safe_process_win.cc
mysql-test/lib/My/SysInfo.pm
mysql-test/lib/My/Test.pm
mysql-test/lib/t/*
mysql-test/lib/v1/mtr_cases.pl
mysql-test/lib/v1/mtr_gcov.pl
mysql-test/lib/v1/mtr_gprof.pl
mysql-test/lib/v1/mtr_im.pl
mysql-test/lib/v1/mtr_io.pl
mysql-test/lib/v1/mtr_match.pl
mysql-test/lib/v1/mtr_misc.pl
mysql-test/lib/v1/mtr_process.pl
mysql-test/lib/v1/mtr_report.pl
mysql-test/lib/v1/mtr_stress.pl
mysql-test/lib/v1/mtr_timer.pl
mysql-test/lib/v1/mtr_unique.pl
mysql-test/lib/v1/My/*
mysql-test/lib/v1/My/*
mysql-test/lib/v1/mysql-test-run.pl
mysql-test/mysql-stress-test.pl
mysql-test/mysql-test-run.pl
mysql-test/std_data/*
mysql-test/suite/perfschema/include/*
mysql-test/suite/perfschema_stress/include/*
mysql-test/suite/perfschema_stress/include/*
mysys/*
packaging/WiX/ca/*
plugin/audit_null/*
plugin/auth/*
plugin/daemon_example/*
plugin/fulltext/*
plugin/semisync/semisync_slave.cc
plugin/semisync/semisync_slave.h

```

```

scripts/*
sql/*
sql-common/*
storage/*
strings/*
support-files/compiler_warnings.supp
support-files/config.huge.ini.sh
support-files/config.medium.ini.sh
support-files/config.small.ini.sh
support-files/MacOSX/*
support-files/RHEL4-SELinux/*
support-files/MySQL-shared-compat.spec.sh
support-files/mysql.spec.sh
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 scripts/mysqlaccess.sh  
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 sql-bench/\*  
 storage/myisam/ftbench/ft-test-run.sh  
 storage/myisam/mi\_test\_all.sh  
 storage/ndb/test/run-test/atrt-analyze-result.sh  
 storage/ndb/test/run-test/atrt-clear-result.sh  
 storage/ndb/test/run-test/atrt-gather-result.sh  
 storage/ndb/test/run-test/atrt-setup.sh  
 storage/ndb/test/run-test/make-config.sh  
 storage/ndb/test/run-test/make-html-reports.sh  
 storage/ndb/test/run-test/make-index.sh  
 storage/ndb/test/run-test/ndb-autotest.sh  
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 packaging/\*  
 libbinlogevents/\*  
 libbinlogstandalone/\*  
 plugin/password\_validation/\*  
 plugin/replication\_observers\_example/\*  
 plugin/rewriter/\*  
 plugin/rewrite\_example/\*  
 plugin/semisync/\*  
 plugin/test\_services/\*  
 plugin/test\_service\_sql\_api/\*  
 plugin/version\_token/\*  
 plugin/keyring/\*  
 testclients/\*

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Files: packaging/\*  
 CMakeLists.txt  
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configure.cmake
dbug/CMakeLists.txt
support-files/CMakeLists.txt
plugin/innodb_memcached/CMakeLists.txt
plugin/innodb_memcached/daemon_memcached/CMakeLists.txt
plugin/innodb_memcached/innodb_memcache/*
plugin/innodb_memcached/daemon_memcached/daemon/memcached_mysql.cc
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-----  
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HomePage: <http://invisible-island.net/ncurses/>

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

Current versions of the ncurses sources are found at

<ftp://invisible-island.net/ncurses/>.

It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>, David Engel <david@elo.ods.com>. Michael Alan Dorman

<mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup

<jjttroup@comp.brad.ac.uk>, J.H.M. Dassen (Ray)

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Upstream-Maintainer: Phil Blundell <philb@gnu.org>,

Bernd Eckenfels <net-tools@lina.inka.de>

Upstream-Source: <https://developer.berlios.de/projects/net-tools/>

Files: \*

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-----  
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It is currently maintained by Marco d'Itri <md@linux.it>.

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-----  
>>> netcat-traditional

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```
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HomePage: http://www.lysator.liu.se/~nisse/nettle/
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Upstream-Name: Nettle
Upstream-Contact: Niels Möller <nisse@lysator.liu.se>
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.
A list of the supported algorithms, their origins and licenses (from
the manual):
.
AES
The implementation of the AES cipher (also known as rijndael) is
written by Rafael Sevilla. Assembler for x86 by Rafael Sevilla and
Niels Möller, Sparc assembler by Niels Möller. Released under the
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.
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ARCTWO
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.
CAMELLIA
The C implementation is by Nippon Telegraph and Telephone
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CAST128
The implementation of the CAST128 cipher is written by Steve Reid.
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.
DES
The implementation of the DES cipher is written by Dana L. How, and
```

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.  
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.  
MD4

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.  
MD5

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.  
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.  
SHA224, SHA256, SHA384, and SHA512

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.  
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```
-----
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Source: http://nginx.org/en/download.html
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```

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```
-----
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HomePage: http://nginx.net
Copyright Notice:
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: nginx
```

Source: <http://nginx.org/en/download.html>  
Files: \*  
Copyright: 2002-2014 Igor Sysoev  
            2011-2014 Nginx, Inc.  
                    Maxim Dounin  
                    Valentin V. Bartenev  
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License: BSD-2-clause  
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Copyright: Copyright (C) Austin Appleby  
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            src/http/modules/nginx\_http\_uwsgi\_module.c  
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            debian/modules/http-ndk/src/hash/sha.h  
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```
-----
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Copyright Notice:
This package was debianized by Cajus Pollmeier <cajus@debian.org>
on Mon, 29 Mar 2004 15:39:36 +0200.
It was downloaded from http://www.nagios.org/
Upstream Author: Ethan Galstad <nagios@nagios.org>
Copyright © 2000-2006 Ethan Galstad (nagios@nagios.org)
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-----
```

```
-----
>>> nsenter
HomePage:
  https://mirrors.edge.kernel.org/pub/linux/utils/util-linux/
  https://github.com/karelzak/util-linux/blob/master/sys-utils/nsenter.c
Author:
Eric Biederman
Copyright:
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/*
 * nsenter(1) - command-line interface for setns(2)
 *
 * Copyright (C) 2012-2013 Eric Biederman <ebiederm@xmission.com>
-----
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* with this program; if not, write to the Free Software Foundation, Inc.,
* 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.
*/

```

```

-----
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HomePage: http://support.ntp.org/
Copyright Notice:
This package is maintained for Debian by:
Bruce Walker <wlbw@debian.org>
Bdale Garbee <bdale@gag.com>
Matthias Urlichs <smurf@debian.org>
Peter Eisentraut <petere@debian.org>
Kurt Roeckx <kurt@roeckx.be>
The upstream source is available from http://www.ntp.org
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```

    The following individuals contributed in part to the Network Time
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```

```

    1. Mark Andrews <mark_andrews@isc.org> Leitch atomic clock controller

```

2. Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
3. Viraj Bais <vbais@mailman1.intel.com> and Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
4. Michael Barone <michael.barone@lmco.com> GPSVME fixes
5. Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
6. Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
8. Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
9. Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
10. Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
11. Steve Clift <clift@ml.csiro.au> OMEGA clock driver
12. Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
13. Sven Dietrich <sven\_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
14. John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
15. Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
16. Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
17. John Hay <jhay@icomtek.csir.co.za> IPv6 support and testing
18. Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
19. Mike Iglesias <iglesias@uci.edu> DEC Alpha port
20. Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
21. Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul
22. Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or <H.Lambermont@chello.nl> ntp sweep
23. Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
24. Frank Kardel <kardel (at) ntp (dot) org> PARSE <GENERIC> driver (>14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
25. William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HP/UX modifications
26. Dave Katz <dkatz@cisco.com> RS/6000 AIX port
27. Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
28. George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
29. Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
30. Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
31. Danny Mayer <mayer@ntp.org> Network I/O, Windows Port, Code Maintenance
32. David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG

33. Wolfgang Moeller <moeller@gwdgvl.dnet.gwdg.de> VMS port
34. Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility
35. Tom Moore <tmoore@fielvel.daytonoh.ncr.com> i386 svr4 port
36. Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
37. Derek Mulcahy <derek@toybox.demon.co.uk> and Damon Hart-Davis  
<d@hd.org> ARCRON MSF clock driver
38. Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de>  
monitoring/trap scripts, statistics file handling
39. Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
40. Wilfredo Sánchez <wsanchez@apple.com> added support for NetInfo
41. Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
42. Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space  
on the stuff in the html/pic/ subdirectory
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45. Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
46. Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure  
makeover, various other bits (see the ChangeLog)
47. Kenneth Stone <ken@sdd.hp.com> HP-UX port
48. Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support
49. Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver
50. Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime  
clock driver
51. Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and  
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  cpan/Compress-Raw-Bzip2/bzip2-src/README states:
  Note that the files bzip2.c, bzip2recover.c, bzlib.c & decompress.c
  have been modified to allow them to build with a C++ compiler.
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Julian Seward, jseward@bzip.org  
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Wed, 06 Aug 2003 10:58:17 -0400.
It was downloaded from http://www.irqbalance.org/
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Thu, 19 Jun 2008 12:03:09 -0400
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It was originally downloaded from: http://www.xmission.com/~ebiederm/files/kexec/
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Upstream Authors:

Nicolas Clapies <nclapies@entrouvert.com>

Valery Febvre <vfebvre@easter-eggs.com>

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Upstream-Name: Howard Chu, Symas Corp.

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Upstream-Contact: Michael Sweet <mxml@easysw.com>
Source: http://svn.easysw.com/public/mxml/
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Tue, 16 Jan 2006 12:00:46 +0000.
The packaging is based on Michael Biebl's <biebl@teco.edu> original packaging
of libnl1.
It was downloaded from https://github.com/thom311/libnl/releases
Upstream Author:
    Thomas Graf <tgraf@suug.ch>
Copyright:
lib/route/addr.c
include/netlink/route/addr.h
    Copyright (c) Thomas Graf <tgraf@suug.ch>
    Baruch Even <baruch@ev-en.org>
lib/route/cls/u32.c
lib/route/cls/fw.c
lib/route/sch/htb.c
include/netlink/route/cls/fw.h
include/netlink/route/sch/htb.h
    Copyright (c) Thomas Graf <tgraf@suug.ch>
    Copyright (c) Petr Gotthard <petr.gotthard@siemens.com>
    Copyright (c) Siemens AG Oesterreich
lib/netfilter/log_msg.c
lib/netfilter/ct.c
include/netlink/netfilter/log_msg.h
include/netlink/netfilter/log.h
```

```

lib/netfilter/log_obj.c
    Copyright (c) Thomas Graf <tgraf@suug.ch>
    Copyright (c) Philip Craig <philipc@snapgear.com>
    Copyright (c) Patrick McHardy <kaber@trash.net>
    Copyright (c) Secure Computing Corporation
include/netlink/netfilter/queue_msg.h
lib/netfilter/queue_msg_obj.c
lib/netfilter/queue_msg.c
lib/netfilter/queue.c
lib/netfilter/netfilter.c
lib/netfilter/queue_obj.c
include/netlink/netfilter/netfilter.h
include/netlink/netfilter/queue.h
src/nf-queue.c
    Copyright (c) Patrick McHardy <kaber@trash.net>
include/netlink/xfrm/selector.h
include/netlink/xfrm/sa.h
include/netlink/xfrm/ae.h
include/netlink/xfrm/sp.h
include/netlink/xfrm/template.h
include/netlink/xfrm/lifetime.h
lib/xfrm/sa.c
lib/xfrm/template.c
lib/xfrm/ae.c
lib/xfrm/sp.c
lib/xfrm/selector.c
lib/xfrm/lifetime.c
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src/nl-addr-list.c
src/nl-cls-add.c
src/cls/utils.c
src/cls/cgroup.c
src/cls/utils.h
src/cls/basic.c
src/nl-addr-delete.c:
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include/netlink/xfrm/selector.h
include/netlink/xfrm/sa.h
include/netlink/xfrm/ae.h

```

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

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```
-----
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```

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libnuma sources are available from  
<https://github.com/numactl/numactl>

Upstream Authors:

Andi Kleen <ak@suse.de>

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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: unixODBC
Upstream-Contact: unixodbc-dev@mailman.unixodbc.org
Source: http://www.unixodbc.org/
Files: *
Copyright: 1999-2005 Nick Gorham <nick@easysoft.com>,
          Peter Harvey <pharvey@codebydesign.com>, et al.
License: LGPL-2+
Files: exe/*
Copyright: 1999-2005 Nick Gorham <nick@easysoft.com>,
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-----
>>> libslang2
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: S-Lang
Upstream-Contact: John E. Davis <davis@space.mit.edu>
Source: ftp://space.mit.edu/pub/davis/slang
Comment:
  This package was debianized by Jim Mintha <jim@dodo2.adm.uva.nl>
  on Mon, 16 Aug 1999 21:59:03 +0200.
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Copyright: 2003-2012 Alastair McKinstry <mckinstry@debian.org>
          2012      Dmitry Smirnov <onlyjob@member.fsf.org>
          2003      Petter Reinholdtsen <pere@debian.org>
          2003      Martin Sjogren <sjogren@debian.org>
          2002      Junichi Uekawa <dancer@debian.org>
          1999      Ben Collins <bcollins@debian.org>
          1997-2003 Jim Mintha <jmintha@debian.org>
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Upstream-Name: FreeTDS
Upstream-Contact: freetds@lists.ibiblio.org
Source: ftp://mirrors.ibiblio.org/freetds/
Files: *
Copyright: 1998-2013 Brian Bruns, James K. Lowden, Frediano Ziglio et al.
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```

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```

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>>> linux-tools-4.4.0-178

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Upstream-Name: lpeg

Upstream-Contact: Roberto Ierusalimschy <[roberto@inf.puc-rio.br](mailto:roberto@inf.puc-rio.br)>

Source: <http://www.inf.puc-rio.br/~roberto/lpeg.html>

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Upstream-Name: MySQL 5.7
Upstream-Contact: http://bugs.mysql.com/
Source: http://dev.mysql.com/downloads/mysql/5.7.html
Comments:
The file Docs/mysql.info is removed from the upstream source
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 dbug/my\_main.c  
 dbug/remove\_function\_from\_trace.pl  
 dbug/tests.c  
 dbug/tests-t.pl  
 dbug/monty.doc  
 dbug/user.r  
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 include/probes\_mysql\_nodtrace.h  
 libmysqld/resource.h  
 mysql-test/\*  
 regex/\*  
 sql-bench/graph-compare-results.sh  
 storage/ndb/bin/\*  
 storage/ndb/demos/\*  
 support-files/build-tags  
 support-files/binary-configure.sh  
 support-files/magic  
 support-files/my-default.cnf.sh  
 support-files/my-huge.cnf.sh  
 support-files/my-innodb-heavy-4G.cnf.sh  
 support-files/my-large.cnf.sh  
 support-files/my-medium.cnf.sh  
 support-files/my-small.cnf.sh  
 support-files/mysqld\_multi.server.sh  
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 win/create\_def\_file.js  
 man/\*

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BUILD-CMAKE
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Doxyfile-perfschema
INSTALL
INSTALL-SOURCE
INSTALL-WIN-SOURCE
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client/get_password.c
cmake/*
dbug/dbug_add_tags.pl
extra/*
include/*
libmysql/*
libmysqld/*
libservices/*
mysql-test/include/have_perfschema.inc
mysql-test/include/have_perfschema.inc
mysql-test/lib/mtr_cases.pm
mysql-test/lib/mtr_gcov.pl
mysql-test/lib/mtr_gprof.pl
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mysql-test/lib/mtr_report.pm
mysql-test/lib/mtr_results.pm
mysql-test/lib/mtr_stress.pl
mysql-test/lib/mtr_unique.pm
mysql-test/lib/My/ConfigFactory.pm

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mysql-test/lib/My/Config.pm
mysql-test/lib/My/CoreDump.pm
mysql-test/lib/My/File/*
mysql-test/lib/My/Find.pm
mysql-test/lib/My/Handles.pm
mysql-test/lib/My/Options.pm
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mysql-test/mysql-stress-test.pl
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mysql-test/std_data/*
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mysql-test/suite/perfschema_stress/include/*
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mysys/*
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plugin/audit_null/*
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scripts/*
sql/*
sql-common/*
storage/*
strings/*
support-files/compiler_warnings.supp

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support-files/config.medium.ini.sh
support-files/config.small.ini.sh
support-files/MacOSX/*
support-files/RHEL4-SELinux/*
support-files/MySQL-shared-compat.spec.sh
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libbinlogevents/\*  
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plugin/replication\_observers\_example/\*  
plugin/rewriter/\*  
plugin/rewrite\_example/\*  
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CMakeLists.txt  
README  
config.h.cmake  
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dbug/CMakeLists.txt  
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plugin/innodb\_memcached/CMakeLists.txt  
plugin/innodb\_memcached/daemon\_memcached/CMakeLists.txt

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plugin/innodb_memcached/innodb_memcache/*
plugin/innodb_memcached/daemon_memcached/daemon/memcached_mysql.cc
plugin/innodb_memcached/daemon_memcached/daemon/memcached_mysql.h
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       dbug/remove_function_from_trace.pl
       dbug/tests.c
       dbug/tests-t.pl
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       extra/yassl/src/dummy.cpp
       include/probes_mysql_nodtrace.h
       libmysqld/resource.h
       mysql-test/*
       regex/*
       sql-bench/graph-compare-results.sh
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       support-files/my-medium.cnf.sh
       support-files/my-small.cnf.sh
       support-files/mysqld_multi.server.sh
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INSTALL-WIN-SOURCE
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client/get_password.c
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dbug/dbug_add_tags.pl
extra/*
include/*
libmysql/*
libmysqld/*
libservices/*
mysql-test/include/have_perfschema.inc
mysql-test/include/have_perfschema.inc
mysql-test/lib/mtr_cases.pm
mysql-test/lib/mtr_gcov.pl
mysql-test/lib/mtr_gprof.pl
mysql-test/lib/mtr_io.pl
mysql-test/lib/mtr_match.pm
mysql-test/lib/mtr_misc.pl
mysql-test/lib/mtr_process.pl
mysql-test/lib/mtr_report.pm
mysql-test/lib/mtr_results.pm
mysql-test/lib/mtr_stress.pl
mysql-test/lib/mtr_unique.pm
mysql-test/lib/My/ConfigFactory.pm
mysql-test/lib/My/Config.pm
mysql-test/lib/My/CoreDump.pm
mysql-test/lib/My/File/*
mysql-test/lib/My/Find.pm
mysql-test/lib/My/Handles.pm

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mysql-test/lib/My/Options.pm
mysql-test/lib/My/Platform.pm
mysql-test/lib/My/SafeProcess/Base.pm
mysql-test/lib/My/SafeProcess.pm
mysql-test/lib/My/SafeProcess/safe_kill_win.cc
mysql-test/lib/My/SafeProcess/safe_process.cc
mysql-test/lib/My/SafeProcess/safe_process.pl
mysql-test/lib/My/SafeProcess/safe_process_win.cc
mysql-test/lib/My/SysInfo.pm
mysql-test/lib/My/Test.pm
mysql-test/lib/t/*
mysql-test/lib/v1/mtr_cases.pl
mysql-test/lib/v1/mtr_gcov.pl
mysql-test/lib/v1/mtr_gprof.pl
mysql-test/lib/v1/mtr_im.pl
mysql-test/lib/v1/mtr_io.pl
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mysql-test/lib/v1/mtr_timer.pl
mysql-test/lib/v1/mtr_unique.pl
mysql-test/lib/v1/My/*
mysql-test/lib/v1/My/*
mysql-test/lib/v1/mysql-test-run.pl
mysql-test/mysql-stress-test.pl
mysql-test/mysql-test-run.pl
mysql-test/std_data/*
mysql-test/suite/perfschema/include/*
mysql-test/suite/perfschema_stress/include/*
mysql-test/suite/perfschema_stress/include/*
mysys/*
packaging/WiX/ca/*
plugin/audit_null/*
plugin/auth/*
plugin/daemon_example/*
plugin/fulltext/*
plugin/semisync/semisync_slave.cc
plugin/semisync/semisync_slave.h
scripts/*
sql/*
sql-common/*
storage/*
strings/*
support-files/compiler_warnings.supp
support-files/config.huge.ini.sh
support-files/config.medium.ini.sh
support-files/config.small.ini.sh
support-files/MacOSX/*
support-files/RHEL4-SELinux/*

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support-files/MySQL-shared-compat.spec.sh
support-files/mysql.spec.sh
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Files: mysys_ssl/*
    packaging/*
    libbinlogevents/*
    libbinlogstandalone/*
    plugin/password_validation/*
    plugin/replication_observers_example/*
    plugin/rewriter/*
    plugin/rewrite_example/*
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    plugin/test_service_sql_api/*
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Files: packaging/*
    CMakeLists.txt
    README
    config.h.cmake
    configure.cmake
    dbug/CMakeLists.txt
    support-files/CMakeLists.txt
    plugin/innodb_memcached/CMakeLists.txt
    plugin/innodb_memcached/daemon_memcached/CMakeLists.txt
    plugin/innodb_memcached/innodb_memcache/*
    plugin/innodb_memcached/daemon_memcached/daemon/memcached_mysql.cc
    plugin/innodb_memcached/daemon_memcached/daemon/memcached_mysql.h
    plugin/innodb_memcached/daemon_memcached/utilities/util.c
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Files: plugin/innodb\_memcached/daemon\_memcached/win32/win32.c  
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Copyright: 2006, 2010 Oracle and/or its affiliates.  
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: MySQL 5.7
Upstream-Contact: http://bugs.mysql.com/
Source: http://dev.mysql.com/downloads/mysql/5.7.html
Comments:
```

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Files: debian/additions/innotop/*
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Files: cmd-line-utils/libedit/config.h
       dbug/example1.c
       dbug/example2.c
       dbug/example3.c
       dbug/factorial.c
       dbug/main.c
       dbug/my_main.c
       dbug/remove_function_from_trace.pl
       dbug/tests.c
       dbug/tests-t.pl
       dbug/monty.doc
       dbug/user.r
       extra/yassl/src/dummy.cpp
       include/probes_mysql_nodtrace.h
       libmysqld/resource.h
       mysql-test/*
       regex/*
       sql-bench/graph-compare-results.sh
       storage/ndb/bin/*
       storage/ndb/demos/*
       support-files/build-tags
       support-files/binary-configure.sh
       support-files/magic
       support-files/my-default.cnf.sh
       support-files/my-huge.cnf.sh
       support-files/my-innodb-heavy-4G.cnf.sh
       support-files/my-large.cnf.sh
       support-files/my-medium.cnf.sh
       support-files/my-small.cnf.sh
       support-files/mysqld_multi.server.sh
       support-files/mysql-log-rotate.sh
       support-files/mysql.server-sys5.sh
       win/create_def_file.js
       man/*
       .gitignore
       BUILD-CMAKE
       COPYING
       Doxyfile-perfschema
       INSTALL
       INSTALL-SOURCE
       INSTALL-WIN-SOURCE
       VERSION
       plugin/connection_control/*
       plugin/innodb_memcached/daemon_memcached/*

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client/echo.c
client/get_password.c
cmake/*
dbug/dbug_add_tags.pl
extra/*
include/*
libmysql/*
libmysqld/*
libservices/*
mysql-test/include/have_perfschema.inc
mysql-test/include/have_perfschema.inc
mysql-test/lib/mtr_cases.pm
mysql-test/lib/mtr_gcov.pl
mysql-test/lib/mtr_gprof.pl
mysql-test/lib/mtr_io.pl
mysql-test/lib/mtr_match.pm
mysql-test/lib/mtr_misc.pl
mysql-test/lib/mtr_process.pl
mysql-test/lib/mtr_report.pm
mysql-test/lib/mtr_results.pm
mysql-test/lib/mtr_stress.pl
mysql-test/lib/mtr_unique.pm
mysql-test/lib/My/ConfigFactory.pm
mysql-test/lib/My/Config.pm
mysql-test/lib/My/CoreDump.pm
mysql-test/lib/My/File/*
mysql-test/lib/My/Find.pm
mysql-test/lib/My/Handles.pm
mysql-test/lib/My/Options.pm
mysql-test/lib/My/Platform.pm
mysql-test/lib/My/SafeProcess/Base.pm
mysql-test/lib/My/SafeProcess.pm
mysql-test/lib/My/SafeProcess/safe_kill_win.cc

```

```

mysql-test/lib/My/SafeProcess/safe_process.cc
mysql-test/lib/My/SafeProcess/safe_process.pl
mysql-test/lib/My/SafeProcess/safe_process_win.cc
mysql-test/lib/My/SysInfo.pm
mysql-test/lib/My/Test.pm
mysql-test/lib/t/*
mysql-test/lib/v1/mtr_cases.pl
mysql-test/lib/v1/mtr_gcov.pl
mysql-test/lib/v1/mtr_gprof.pl
mysql-test/lib/v1/mtr_im.pl
mysql-test/lib/v1/mtr_io.pl
mysql-test/lib/v1/mtr_match.pl
mysql-test/lib/v1/mtr_misc.pl
mysql-test/lib/v1/mtr_process.pl
mysql-test/lib/v1/mtr_report.pl
mysql-test/lib/v1/mtr_stress.pl
mysql-test/lib/v1/mtr_timer.pl
mysql-test/lib/v1/mtr_unique.pl
mysql-test/lib/v1/My/*
mysql-test/lib/v1/My/*
mysql-test/lib/v1/mysql-test-run.pl
mysql-test/mysql-stress-test.pl
mysql-test/mysql-test-run.pl
mysql-test/std_data/*
mysql-test/suite/perfschema/include/*
mysql-test/suite/perfschema_stress/include/*
mysql-test/suite/perfschema_stress/include/*
mysys/*
packaging/WiX/ca/*
plugin/audit_null/*
plugin/auth/*
plugin/daemon_example/*
plugin/fulltext/*
plugin/semisync/semisync_slave.cc
plugin/semisync/semisync_slave.h
scripts/*
sql/*
sql-common/*
storage/*
strings/*
support-files/compiler_warnings.supp
support-files/config.huge.ini.sh
support-files/config.medium.ini.sh
support-files/config.small.ini.sh
support-files/MacOSX/*
support-files/RHEL4-SELinux/*
support-files/MySQL-shared-compat.spec.sh
support-files/mysql.spec.sh
support-files/mysql.5.7.*.spec
support-files/mysql.m4
support-files/ndb-config-2-node.ini.sh

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unittest/*
vio/*
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Files: cmd-line-utils/libedit/filecomplete.c
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       cmd-line-utils/libedit/np/fgetln.c
       cmd-line-utils/libedit/read.h
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Files: client/completion_hash.h
       scripts/mysqlaccess.sh
       scripts/mysql_fix_extensions.sh
       scripts/mysql_setpermission.sh

```

```

sql-bench/*
storage/myisam/ftbench/ft-test-run.sh
storage/myisam/mi_test_all.sh
storage/ndb/test/run-test/atrt-analyze-result.sh
storage/ndb/test/run-test/atrt-clear-result.sh
storage/ndb/test/run-test/atrt-gather-result.sh
storage/ndb/test/run-test/atrt-setup.sh
storage/ndb/test/run-test/make-config.sh
storage/ndb/test/run-test/make-html-reports.sh
storage/ndb/test/run-test/make-index.sh
storage/ndb/test/run-test/ndb-autotest.sh
strings/strxmov.c
strings/strxnmov.c
support-files/MacOSX/postflight.sh
support-files/MacOSX/preflight.sh
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plugin/innodb\_memcached/innodb\_memcache/\*  
plugin/innodb\_memcached/daemon\_memcached/daemon/memcached\_mysql.cc  
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```
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  http://nmap.org/
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```

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==LibPcap Raw Packet Capture Library==

LibPcap is used by Nmap on UNIX for raw packet reading during host discovery, port scanning, and OS detection. It is available from <http://www.tcpdump.org>. It is bundled with the Nmap Security Scanner in the libpcap-possiblymodified subdirectory. The BSD-style license for version 0.8.3 follows:

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==Libdnet raw networking library==

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==LibPCRE Perl-compatible Regular Expression Library==

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Written by: Philip Hazel

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==Lua programming language==

The LUA programming language may optionally be embedded into Nmap as part of the Nmap Scripting Engine functionality. LUA will not be included if the `-without-liblua` configuration option is given. If Lua is included, Nmap also includes some LUA modules which also fall under the free LUA license. The LUA license is as follows:

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==OpenSSL SSL encryption library==

OpenSSL can optionally be used by Nmap Service Detection to communicate with SSL-enabled protocols such as https, pop3-s, imaps, etc. Its BSD-style license is too long to include here, but available from <http://www.openssl.org/> . OpenSSL is not bundled with Nmap.

---

```
>>> oracle-instantclient12.2-basic
```

```
HomePage: Copyright Notice:
```

```
This package was debianized by the alien program by converting  
a binary .rpm package on Mon, 19 Jun 2017 08:34:36 +0000
```

```
Copyright: Oracle
```

```
Information from the binary package:
```

```
Name      : oracle-instantclient12.2-basic
```

```
Version    : 12.2.0.1.0
```

```
Release    : 1
```

```
Architecture: x86_64
```

```
Install Date: (not installed)
```

```
Group      : Applications/File
```

```
Size       : 221529855
```

```
License    : Oracle
```

```
Signature  : (none)
```

```
Source RPM : oracle-instantclient12.2-basic-12.2.0.1.0-1.src.rpm
```

```
Build Date : Thu 26 Jan 2017 01:15:21 PM UTC
```

```
Build Host : adc4150465.us.oracle.com
```

```
Relocations : (not relocatable)
```

```
Packager   : Nobody <nobody@oracle.com>
```

```
Vendor     : Oracle Corporation
```

```
URL        : http://www.oracle.com/
```

```
Summary    : Oracle Instant Client Basic package
```

```
Description :
```

```
Instant Client allows you to run your applications without installing the standard  
Oracle client or having an ORACLE_HOME. OCI, OCCI, ODBC, and JDBC applications work  
without modification, while using significantly less disk space than before. No  
recompile, no hassle.
```

```
This is the Basic package, supporting OCI, OCCI, and JDBC-OCI with all  
languages.
```

---

```
>>> python-cffi
```

```
HomePage: http://cffi.readthedocs.org/
```

```
Copyright Notice:
```

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

```
Upstream-Name: CFFI
```

```
Upstream-Contact: Armin Rigo
```

```
Source: http://pypi.python.org/pypi/cffi/
```

```
Files: *
```

```
Copyright: 2012-2016, Armin Rigo
```

```
          2012-2013, Maciej Fijalkowski
```

```
License: Expat
```

```
Files: c/libffi_msvc/*
```

```
Copyright: 1996-2003, Red Hat, Inc.
```

```
          2002, Bo Thorsen
```

```
          2001, John Beniton
```

```

    2002, Ranjit Mathew
    2002, Roger Sayle
License: Expat
Files: debian/*
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-----
>>> python-cffi-backend
HomePage: http://cffi.readthedocs.org/
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Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: CFFI
Upstream-Contact: Armin Rigo
Source: http://pypi.python.org/pypi/cffi/
Files: *
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    2012-2013, Maciej Fijalkowski
License: Expat
Files: c/libffi_msvc/*
Copyright: 1996-2003, Red Hat, Inc.
    2002, Bo Thorsen
    2001, John Beniton
    2002, Ranjit Mathew
    2002, Roger Sayle
License: Expat
Files: debian/*
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```
>>> python-kubernetes
HomePage: https://github.com/kubernetes-incubator/client-python
Authors:
    Kubernetes
Copyrights:
    Copyright 2014 The Kubernetes Authors.
```

```
Description:      Python client for kubernetes http://kubernetes.io/
Licence:
```

```
    Apache License
    Version 2.0, January 2004
    http://www.apache.org/licenses/
```

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-----  
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HomePage: <https://github.com/openshift/openshift-restclient-python>

Author: OpenShift

Description: Python client for OpenShift <http://openshift.redhat.com/>

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Files-Excluded:
  utils/*.exe
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Source: http://pypi.python.org/pypi/pycparser
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```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
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the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
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GNU General Public License for more details.
```

```
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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
```

```
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
```

```
Ty Coon, President of Vice
```

That's all there is to it!

```
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```

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Version 2, June 1991

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated



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

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

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

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

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

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

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

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

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object

file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is

normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

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Ty Coon, President of Vice

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----- SECTION 11: GNU Lesser General Public License, V3.0 -----

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Version 3, 29 June 2007

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Defining a subclass of a class defined by the Library is deemed a mode  
of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an  
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The "Minimal Corresponding Source" for a Combined Work means the  
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The "Corresponding Application Code" for a Combined Work means the  
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The object code form of an Application may incorporate material from  
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code under terms of your choice, provided that, if the incorporated  
material is not limited to numerical parameters, data structure  
layouts and accessors, or small macros, inline functions and templates  
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- a) Give prominent notice with each copy of the object code that the



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### ----- SECTION 12: Mozilla Public License, V2.0 -----

#### Mozilla Public License

##### Version 2.0

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Version 1.1 - 26 February 2007

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LPPL Version 1.0 1999-03-01

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```

```
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```

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```

```
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```

```
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```

```
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```

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```
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The LaTeX Project Public License

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```
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```

```
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```

```
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```

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```

```
% archives in directory macros/latex/base/lppl.txt; either
```

```
% version 1 of the License, or (at your option) any later version.
```

```
----- SECTION 24: LaTeX Project Public License v1.2 -----
```

```
The LaTeX Project Public License
```

```
=====
```

```
LPPL Version 1.2 1999-09-03
```

```
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```
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```

```
PREAMBLE
```

```
=====
```

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% The latest version of this license is in
% http://www.latex-project.org/lppl.txt
```

```
% and version 1.2 or later is part of all distributions of LaTeX
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%
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document would apply, with 'The Program' referring to the two files 'pig.dtx' and
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