

Licensing Information User Manual Oracle Solaris 11.3

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◆◆◆ CHAPTER 1

Introduction

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◆◆◆ CHAPTER 2

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For information on third party notices and licenses for Oracle Solaris 11.3, see [“Third-Party Notices and/or Licenses for Oracle Solaris 11.3” on page 10](#).
- *Oracle Java*
 - For information on third party notices and licenses for Standard Edition 8 JRE and JDK, see [“Third-Party Notices and/or Licenses for Standard Edition 8 JRE and JDK” on page 49](#).
 - For information on third party notices and licenses for Standard Edition 7 JRE and JDK, see [“Third-Party Notices and/or Licenses for Standard Edition 7 JRE and JDK” on page 125](#).
- *Oracle Validation Test Suite (VTS)*
For information on third party notices and licenses for Oracle VTS 7.0 PS19 see [“Third Party Notices and Licenses for Oracle VTS 7.0 PS19” on page 237](#).

Third-Party Notices and/or Licenses

This section provides the third party notices and licenses for open source and commercial software products or components, as applicable, contained in Oracle Solaris 11.3.

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Oracle Solaris 11.3 OS packages along with the link to license information are listed in the following table.

TABLE 1 Third Party Licenses and Notices

Technology Name	Technology Version	Packages and Link to License Text
OpenStack Neutron	2015.1.2	cloud/openstack/neutron
OpenStack Horizon	1.11.0.1	cloud/openstack/horizon
OpenStack Horizon	2.0.3.1	cloud/openstack/horizon
OpenStack Horizon	2.14.5.1	cloud/openstack/horizon
OpenStack Horizon	2.0.0.2	cloud/openstack/horizon
OpenStack Horizon	1.5.0.0	cloud/openstack/horizon
OpenStack Horizon	1.2.5.2	cloud/openstack/horizon
OpenStack Horizon	\$(VERSION_LR_DND)	cloud/openstack/horizon
OpenStack Horizon	0.2.5.1	cloud/openstack/horizon
OpenStack Horizon	1.4.5.3	cloud/openstack/horizon
OpenStack Horizon	0.0.4.2	cloud/openstack/horizon
OpenStack Horizon	1.3.7.0	cloud/openstack/horizon
OpenStack Horizon	0.11.0.2	cloud/openstack/horizon
OpenStack Horizon	Django	cloud/openstack/horizon
OpenStack Horizon	1.2.0	cloud/openstack/horizon
OpenStack Horizon	1.3.1.0	cloud/openstack/horizon
OpenStack Horizon	3.2.0.0	cloud/openstack/horizon
OpenStack Horizon	3.1.6.2	cloud/openstack/horizon
OpenStack Horizon	4.3.0.0	cloud/openstack/horizon
OpenStack Horizon	2.0.0.2	cloud/openstack/horizon
OpenStack Horizon	1.10.2.1	cloud/openstack/horizon
OpenStack Horizon	1.2.1.1	cloud/openstack/horizon
ACL	1.0.4	library/java/apache-commons-logging
Afrikaans Dictionary	0.20060117	library/myspell/dictionary/extra
American English Dictionary	0.20040623	library/myspell/dictionary/en
Apache Commons File Upload	1.2.1	system/management/ocm
Apache Commons IO	1.4	system/management/ocm
Apache Derby	10.6.2.3	library/java/javadb

Technology Name	Technology Version	Packages and Link to License Text
Apache Jakarta Regexp	1.2	system/management/ocm
Apache LOG4J	1.1.1	system/management/ocm
Apache LOG4J	1.2.17	system/management/ocm
App-ClusterSSH	4.02_01	terminal/cssh-512
Arabeyes Arabic TrueType fonts	2.0	system/font/truetype/arabeyes
Armenian Dictionary	0.10.1	library/myspell/dictionary/extra
Arphic Ukai	0.1.20060928	system/font/truetype/arphic-ukai
Arphic Uming Chinese TrueType font	0.1.20060928	system/font/truetype/arphic-uming
Authen-PAM	0.16	library/perl-5/authen-pam-512
BPG Georgian fonts	0.2009	system/font/truetype/bpg-georgian
Babel	1.3	library/python/babel-27
Brazilian Portuguese Dictionary	2700g	library/myspell/dictionary/pt_br
Bulgarian Dictionary	4.1	library/myspell/dictionary/extra
CAckKey	0.7.4	system/library/security/pkcs11_cackey
CDE	1.0.10	cde/cde-runtime
CEN/TC304	CEN/TC304 PrEnv E	system/locale/extra
CGI	4.28	library/perl-5/CGI-522
CLDR	21.0.1	system/locale
Catalan Dictionary	0.1	library/myspell/dictionary/extra
Cheetah	2.4.4	library/python/cheetah-27
CherryPy	5.1.0	library/python/cherrypy-27
Coherence	0.6.6.2	library/python/coherence-27
ConsoleKit	0.4.1	library/security/pam/module/pam-consolekit
Cracklib	2.7	system/library
Croatian Dictionary	0.20060607	library/myspell/dictionary/extra
Csh		system/core-os
Czech Dictionary	0.20061029	library/myspell/dictionary/cs
DBI	1.636	library/perl-5/database-512
DPS	X11R6.9	library/motif/libdpstxnm
DTraceToolkit	0.99	system/dtrace/dtrace-toolkit
Danish Dictionary	1.6.1	library/myspell/dictionary/extra
Django	1.11.1	library/python/django-27
Dutch Dictionary	0.20050717	library/myspell/dictionary/extra
Esperanto Dictionary	0.20041129	library/myspell/dictionary/noinst
Estonian Dictionary	0.20030602	library/myspell/dictionary/extra
Faroese Dictionary	0.2.28	library/myspell/dictionary/noinst

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Technology Name	Technology Version	Packages and Link to License Text
FormEncode	1.2.6	library/python/formencode-27
French Dictionary	1.0.1	library/myspell/dictionary/fr
GConf	2.31.1	gnome/config/gconf
GParted	0.4.5	desktop/administration/gparted
GRUB2	2.00	source/system/grub
Galician Dictionary	0.20030203	library/myspell/dictionary/noinst
Gentium fonts	1.02	system/font/truetype/gentium
German Dictionary	0.20051213	library/myspell/dictionary/de
Greek Dictionary	0.6	library/myspell/dictionary/extra
Gtkspell	2.0.16	library/desktop/gtkspell
HAL (Hardware Abstraction Layer)	0.5.4	system/hal
HKSCS	2008	system/library/iconv/extra
Hebrew Dictionary	0.1	library/myspell/dictionary/extra
Hungarian Dictionary	1.1.1	library/myspell/dictionary/hu
IBus	1.3.9	system/input-method/ibus
IBus anthy	1.2.5	system/input-method/ibus/anthy
IBus chewing	1.3.9.2	system/input-method/ibus/chewing
IBus hangul	1.3.0.20100329	system/input-method/ibus/hangul
IBus m17n	1.3.1	system/input-method/ibus/ibus-m17n
IBus pinyin	1.2.0.20090915	system/input-method/ibus/pinyin
IBus sayura	1.3.0.20100716	system/input-method/ibus/sayura
IBus table	1.3.0.20100621	system/input-method/ibus/table
IBus table array30	1.3.0	system/input-method/ibus/table/array30
IBus table cangjie	1.3.0	system/input-method/ibus/table/cangjie
IBus table cantonese	1.3.0	system/input-method/ibus/table/cantonese
IBus table cantonhk	1.3.0	system/input-method/ibus/table/cantonhk
IBus table cns11643	1.3.0	system/input-method/ibus/table/cns11643
IBus table erbi	1.3.0	system/input-method/ibus/table/erbi
IBus table jyutping	1.3.0	system/input-method/ibus/table/jyutping
IBus table quick	1.3.0	system/input-method/ibus/table/quick
IBus table rustrad	1.3.0	system/input-method/ibus/table/rustrad
IBus table stroke5	1.3.0	system/input-method/ibus/table/stroke5
IBus table thai	1.3.0	system/input-method/ibus/table/thai
IBus table translit	1.3.0	system/input-method/ibus/table/translit
IBus table viqr	1.3.0	system/input-method/ibus/table/viqr
IBus table wu	1.3.0	system/input-method/ibus/table/wu

Technology Name	Technology Version	Packages and Link to License Text
IBus table wubi	1.3.0	system/input-method/ibus/table/wubi
IBus table xinhua	1.3.0	system/input-method/ibus/table/xinhua
IBus table yong	1.3.0	system/input-method/ibus/table/yong
IBus table zhengma	1.3.0	system/input-method/ibus/table/zhengma
IBus table zhuyin	1.3.0	system/input-method/ibus/table/zhuyin
IBus table ziranma	1.3.0	system/input-method/ibus/table/ziranma
IBus xkbc	1.3.3.20100922	system/input-method/ibus/xkbc
ICU	3.6	system/library/iconv/unicode-core
ICU	4.6.1	library/icu
ICU	54.1	library/icu
ICU	59.1	developer/icu
IETF/IANA mapping tbls and algorithm		system/library/iconv/unicode
IIMF	12	system/input-method/iim
IIMF Hong Kong - Core	12	system/input-method/iim/hkle-core
IIMF Hong Kong - Open	12	system/input-method/iim/hkle-open
IIMF Japanese - Anthy	12	system/input-method/iim/anthy
IIMF Simplified Chinese - Core	12	system/input-method/iim/cle-core
IIMF Simplified Chinese - Open	12	system/input-method/iim/cle-open
IIMF Traditional Chinese - Chewing	12	system/input-method/iim/twle-chewing
IIMF Traditional Chinese - Core	12	system/input-method/iim/twle-core
IIMF Traditional Chinese - Open	12	system/input-method/iim/twle-open
IIMF XIM Library	12	system/input-method/iim-xim
IIMF hangul	0.1.0	system/input-method/iim/hangul
IIMF thai	0.1.0	system/input-method/iim/thaile
IPA Font	3.01	system/font/truetype/ipafont
IPA Font Mincho	3.01	system/font/truetype/ipafont-mincho
ISO/IEC	10646-1:1993	system/locale
ImageMagick	6.9.9-40	image/imagemagick
Imaging	1.1.7	library/python/python-imaging-27
Irish Gaelic Dictionary	4.3	library/myspell/dictionary/noinst
Italian Dictionary	2.3	library/myspell/dictionary/it
JSS	4.3.2	library/java/jss
Jinja2	2.7.3	library/python/jinja2-27
Jython	2.1 2.2 2.2.1	system/management/ocm
Kacst Fonts	2.0	system/font/truetype/kacst
Kerberos	1.16.1.0	security/kerberos-5

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Kurdish Dictionary	0.20	library/myspell/dictionary/extra
LZMA SDK	4.62	system/library
Latvian Dictionary	0.8.1	library/myspell/dictionary/extra
Lithuanian Dictionary	1.2.1	library/myspell/dictionary/extra
Locale definition info from IEEE Std 1003.2-1992 v. Year 1992	1003.2-1992	system/locale
Lohit Indic TrueType fonts	2.4.3	system/font/truetype/lohit
M2Crypto	0.21.1	library/python/m2crypto-27
MP Print Filter	2.5.12	print/mp
Magenta MgOpen fonts	0.1	system/font/truetype/mgopen
Mako	0.4.1	library/python/mako-27
Man command support: SGML (Standard Generalized Markup Language) SDATA (Specific Character Data)		text/doctools
Manx Gaelic Dictionary	1.0	library/myspell/dictionary/noinst
Markdown	2.3.1	library/python/markdown-27
MarkupSafe	0.18	library/python/markupsafe-27
MiniSAT	1.14.1	package/pkg
Mozilla ldap tools		naming/ldap
Mozilla libldap5	5	system/library
MySQL-python	1.2.5	library/python/python-mysql-27
NDMP SDK		service/storage/ndmp
NSPR	4.17	library/nspr
NSS	3.34	library/security/nss
Ndebele Dictionary	0.20060120	library/myspell/dictionary/noinst
Net-SSLeay	1.78	library/perl-5/net-ssleay-512
Netscape Communications		system/kernel/crypto
Northern Sotho Dictionary	0.20060120	library/myspell/dictionary/noinst
Norwegian Bokmal Dictionary	0.20080310	library/myspell/dictionary/extra
Norwegian Nynorsk Dictionary	0.20080310	library/myspell/dictionary/extra
ORBit2	2.14.19	library/gnome/gnome-component
Open Fabrics kernel components	1.5.3	system/io/infiniband/open-fabrics
Open MPI	1.5.4	developer/openmpi-15
OpenJade	1.3.2	developer/documentation-tool/openjade
OpenSP	1.5.1	developer/documentation-tool/opensp
OpenSSH	5.6	network/ssh
Oracle JSSE	1.0.3	system/management/ocm

Technology Name	Technology Version	Packages and Link to License Text
PAPI	3.5	diagnostic/cpu-counters
PTP		service/network/ptp
Paste	1.7.5.1	library/python/paste-27
PasteDeploy	1.5.0	library/python/paste.deploy-27
Persian Dictionary	0.11	library/myspell/dictionary/noinst
Pint	0.6	library/python/pint-27
Polish Dictionary	0.20061202	library/myspell/dictionary/pl
Portuguese Dictionary	0.20081113	library/myspell/dictionary/extra
PowerTOP	1.2	diagnostic/powertop
PrettyTable	0.7.2	library/python/prettytable-27
PyYAML	3.9	library/python/pyyaml-27
Pygments	1.6	library/python/pygments-27
Pyrex	0.9.9	library/python/python-extra-27
Python	2.7.14	library/python/tkinter-27
Python	3.4.8	library/python/tkinter-34
RSA	4	system/kernel/crypto
Really Slick Screensavers Port to GLX (rss-glx)	0.9.0	desktop/xscreensaver/hacks/rss-glx
Reliable Datagram Sockets	1.0	system/io/infiniband/reliable-datagram-sockets
Reliable Datagram Sockets (RDSv3)	1.3	system/io/infiniband/reliable-datagram-sockets-v3
RequireJS	2.0.5	system/install/auto-install/auto-install-common
RequireJS i18n plugin	2.0.1	system/install/auto-install/auto-install-common
RequireJS text plugin	2.0.3	system/install/auto-install/auto-install-common
Romanian Dictionary	3.2	library/myspell/dictionary/extra
Routes	1.13	library/python/routes-27
Russian Dictionary	0.99.5	library/myspell/dictionary/ru
SIL Fonts	0.1	system/font/truetype/sil
SQLAlchemy	0.9.8	library/python/sqlalchemy-27
SQLite	2.8.15	system/core-os
SUNWcheese	2.28.1	image/webcam/cheese
Scottish Gaelic Dictionary	0.1.1	library/myspell/dictionary/noinst
Setswana Dictionary	0.20040329	library/myspell/dictionary/noinst
Slovak Dictionary	0.20050911	library/myspell/dictionary/extra
Slovenian Dictionary	1.0	library/myspell/dictionary/extra
SolBook DTD	2.0	text/doctools
Solarflare		service/network/ptp

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South African English Dictionary	0.20060120	library/myspell/dictionary/noinst
Southern Sotho Dictionary	0.20060123	library/myspell/dictionary/noinst
Spanish Dictionary	0.1	library/myspell/dictionary/es
Swazi/Swati Dictionary	0.20060705	library/myspell/dictionary/noinst
Swedish Dictionary	0.200306	library/myspell/dictionary/sv
Swiss German Dictionary	0.20090221	library/myspell/dictionary/de
Tempita	0.5.1	library/python/tempita-27
Thai Dictionary	0.20061212	library/myspell/dictionary/extra
Thai TrueType fonts	0.4.9	system/font/truetype/thai-scalable
The Open Group Technical Standard Portable Layout Services: Context-dependent and Directional Text - ISBN 1-85912-142-X		system/manual
The Open Group Technical Standard Portable Layout Services: Context-dependent and Directional Text - ISBN 1-85912-142-X	1-85912-142-X	system/library/liblayout
Tk	804.33	library/perl5/perl-tk-512
Tsonga Dictionary	0.20060123	library/myspell/dictionary/noinst
Twisted	10.1.0	library/python/python-twisted-27
TwistedWeb2	8.1.0	library/python/python-twisted-web2-27
Ukrainian Dictionary	0.20090125	library/myspell/dictionary/extra
Un-Fonts Korean TrueType fonts	1.0.2.080608	system/font/truetype/unfonts-ko-core
Unicode	6.0	library/icu
Unifont	7.0.06	system/font/truetype/unifont
V4L2 API definition header files	V4L2 in Linux 3.14	system/header
Vanilla-DMZ	0.4	gnome/theme/cursor/dmz-cursor
Vanilla-DMZ-AA	0.4	gnome/theme/cursor/dmz-cursor-aa
Venda Dictionary	0.20060706	library/myspell/dictionary/noinst
WSME	0.6.4	library/python/wsme-27
WebOb	1.2.3	library/python/webob-27
WebTest	2.0.6	library/python/webtest-27
WenQuanYi Zen Hei	0.6.26	system/font/truetype/wqy-zenhei
X11-Protocol	0.56	library/perl-5/perl-x11-protocol-512
XML-LibXML	2.0121	library/perl-5/xml-libxml-512
XML-Namespacesupport	1.11	library/perl-5/xml-namespacesupport-512
XML-Parser	2.44	library/perl-5/xml-parser-512
XML-SAX	0.99	library/perl-5/xml-sax-512

Technology Name	Technology Version	Packages and Link to License Text
XML-SAX-Base	1.08	library/perl-5/xml-sax-base-512
XML-Simple	2.18	library/perl-5/xml-simple-512
Xen PV Drivers	Xen 3.0.4-1	driver/xvm/pv
Xhosa Dictionary	0.20060123	library/myspell/dictionary/noinst
Xkeyboard-Config	2.5	x11/keyboard/data-xkb
Zulu Dictionary	0.20060120	library/myspell/dictionary/noinst
a2ps	4.14	print/filter/a2ps
aac	2.2.3	driver/storage/aac
aalib	1.4rc5	library/aalib
accerciser	1.10.1	gnome/accessibility/accerciser
accessx		x11/keyboard/accessx
acpica	20140325	system/kernel
acpidump	20071116	diagnostic/acpidump
afe	v0.8.0	driver/network/ethernet/afe
agpgart	0.9.1	driver/graphics/agpgart
aioeventlet	0.4	library/python/aioeventlet-27
alacarte	0.13.2	desktop/xdg/menu-editor/alacarte
alembic	0.7.4	library/python/alembic-27
amqp	1.4.6	library/python/amqp-27
ant	1.10.1	developer/build/ant
antlr	2.7.7	developer/parser/antlr-2
anyjson	0.3.3	library/python/anyjson-27
apache2	2.2.34	web/server/apache-22
apache2	2.4.33	web/server/apache-24
appres	1.0.4	x11/xt-resource-utilities
apr	1.3.9	library/apr-13
apr	1.5.1	library/apr-15
apr-util	1.3.9	library/apr-util-13
apr-util	1.5.4	library/apr-util-15
arcmsr	2010.02.02.03.57	driver/storage/arcmsr
areca	7.1	backup/areca
arn	1.0	driver/network/wlan/am
arp		system/network
at-spi	1.30.1	gnome/accessibility/gnome-a11y-libs
at-spi2-atk	2.24.0	library/desktop/at-spi2-atk
at-spi2-core	2.24.0	library/desktop/at-spi2-core

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ath	20040619	driver/network/wlan/ath
atk	2.24.0	library/desktop/atk
atu	1.92	driver/network/wlan/atu
audiofile	0.2.7	gnome/gnome-audio
autoconf	2.13	developer/build/autoconf-213
autoconf	2.68	developer/build/autoconf
autogen	5.9	developer/build/autogen
automake	1.10	developer/build/automake-110
automake	1.11.2	developer/build/automake-111
automake	1.9.6	developer/build/automake-19
avahi	0.6.30	system/network/avahi
avant	0.3.2.1	desktop/avant-window-navigator
babl	0.1.2	image/library/babl
backup		system/core-os
basename		compatibility/ucb
bash	4.4.19.19	shell/bash
bcc	0.16.17	developer/bcc
bdfpcf	1.0.4	x11/font-utilities
beautifulsoup4	4.2.1	library/python/beautifulsoup4-27
bge	1.91.2.32.2.1	driver/network/ethernet/bge
bigreqsproto	1.1.2	x11/header/x11-protocols
bind	9.10.6-P1	network/dns/bind
bind	9.6-ESV-R11	system/manual
binutils	2.30-1	developer/gnu-binutils
bison	3.0.4	developer/parser/bison
bitmap	1.0.7	image/editor/bitmap
bluefish	2.0.2	web/editor/bluefish
bnu		service/network/uucp
bootp	2.2	service/network/dhcp
boto	2.34.0	library/python/boto-27
bpf	4.3BSD	system/network/bpf
brasero	2.30.3	desktop/cd-burning/brasero
brltty	4.2	library/accessibility/brltty
bug-buddy	2.30.0	gnome/crash-report/bug-buddy
bzip2	1.0.6	compress/bzip2
cairo	1.14.8	library/desktop/cairo

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cairo-java	1.0.8	library/java/java-gnome
cairomm	1.8.2	library/desktop/c++/cairomm
ccid	1.4.20	library/security/pcsc-lite/ccid
ccsm	0.8.2	desktop/compiz/ccsm
cdrtools	3.1	media/cdrtools
cff	1.5.2	library/python/cffi-27
check	0.9.14	developer/test/check
checkeq		text/doctools
checknr		text/doctools
cinder	Kilo 2015.1.2	cloud/openstack/cinder
cliff	1.10.1	library/python/cliff-27
clisp	2.49	runtime/clisp
cloudbase-init	0.9.9	system/management/cloudbase-init
clutter	1.2.14	library/desktop/clutter
clutter-gst	1.2.0	library/desktop/clutter/clutter-gst
clutter-gtk	0.10.8	library/desktop/clutter/clutter-gtk
cmake	3.9.1	developer/build/cmake
cmd2	0.6.7	library/python/cmd2-27
compiz	0.8.4	desktop/compiz
compiz-plugins-extra	0.8.4	desktop/compiz/plugin/compiz-fusion-extra
compiz-plugins-main	0.8.4	desktop/compiz/plugin/compiz-fusion-main
compizconfig-backend-gconf	0.8.4	desktop/compiz/library/compizconfig-gconf
compizconfig-backend-python	0.8.4	library/python/python-compizconfig-27
compositeproto	0.4.2	x11/header/x11-protocols
compress		system/core-os
comsat		service/network/comsat
conflict	20100627	shell/conflict
constype	1.0.4	diagnostic/constype
convmv	1.15	text/convmv
coolkey	1.1.0	system/library/security/pkcs11_coolkey
core Indic fonts	0.1	system/font/truetype/indic-fonts-core
coreutils	8.16	file/gnu-coreutils
cov-core	1.7	library/python/cov-core-27
coverage	3.5	library/python/coverage-27
cron		system/core-os
cryptography	1.7.2	library/python/cryptography-27

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cssutils	0.9.6	library/python/cssutils-27
cups	1.4.5	library/print/cups-libs
curl	7.59.0	web/curl
cvs	1.12.13	developer/versioning/cvs
cx_Oracle	5.2.1	library/python/cx_oracle-27
d2to1	0.2.10	library/python/d2to1-27
damageproto	1.2.1	x11/header/x11-protocols
dasher	4.11	gnome/accessibility/dasher
dbus	1.8.20	system/library/dbus
dbus-glib	0.102	system/library/libdbus-glib
dbus-python27	1.2.0	library/python/python-dbus-27
dcraw	8.99	image/dcraw
decorator	3.4.0	library/python/decorator-27
dejagnum	1.6	developer/test/dejagnum
dejavu-fonts-ttf	2.33	system/font/truetype/dejavu
deskbar-applet	2.30.1	gnome/applet/gnome-applets
desktop-file-utils	0.17	gnome/preferences/control-center
devhelp	0.21	developer/gnome/devhelp
dia	0.97.1	editor/diagram/dia
dialog	1.1	terminal/dialog
diffstat	1.51	text/diffstat
diffutils	2.8.7	text/gnu-diffutils
dispswitch		x11/x11-server-utilities
django-appconf	0.6	library/python/django-appconf-27
django-pyscss	1.0.6	library/python/django-pyscss-27
django_compressor	1.4	library/python/django_compressor-27
django_openstack_auth	1.2.0	library/python/django_openstack_auth-27
dmxproto	2.3.1	x11/header/x11-protocols
dnsmasq	2.78	service/network/dnsmasq
dnspython	1.12.0	library/python/dnspython-27
docbook-dtds	1.0	data/docbook/docbook-dtds
docbook-style-dsssl	1.79	data/docbook/docbook-style-dsssl
docbook-style-xsl	1.75.2	data/docbook/docbook-style-xsl
dogpile.cache	0.5.3	library/python/dogpile.cache-27
dogpile.core	0.4.1	library/python/dogpile.core-27
doxygen	1.7.6.1	developer/documentation-tool/doxygen

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dri2proto	2.8	x11/header/x11-protocols
drivel	3.0.2	editor/blog/drivel
drm	1.6	driver/graphics/drm
echo		compatibility/ucb
editres	1.0.6	x11/xt-resource-utilities
eeprom		system/core-os
efb	1.25	driver/graphics/efb
ejabberd	2.1.13	web/server/ejabberd
ekiga	3.2.7	communication/conferencing/ekiga
elinks	0.11.7	web/browser/elinks
elxl	1.109	driver/network/ethernet/elxl
emacs	24.3	editor/gnu-emacs
enchant	1.6.0	library/spell-checking/enchant
encodings	1.0.4	x11/library/libfontenc
enscript	1.6.4	print/filter/enscript
enum34	1.0.4	library/python/enum-27
eog	2.30.2	image/viewer/eog
eog-plugins	2.30.1	image/viewer/eog/eog-plugins
eqn		text/doctools
erlang	19.3	runtime/erlang
espeak	1.44.0.5	library/speech/espeak
eventlet	0.17.4	library/python/eventlet-27
evieext	1.1.1	x11/header/x11-protocols
evince	2.30.3	desktop/pdf-viewer/evince
evolution	2.30.3	mail/evolution
evolution-data-server	2.30.3	library/desktop/evolution-data-server
evolution-exchange	2.30.3	mail/evolution/connector/evolution-exchange
evolution-webcal	2.28.1	mail/evolution/connector/evolution-webcal
expect	5.45	shell/expect
extras	0.0.3	library/python/extras-27
facter	2.4.6	system/management/facter
fakeroot	1.12.2	developer/fakeroot
fastcgi	2.4.0	library/fastcgi
fetchmail	6.3.22	mail/fetchmail
fftw	3.2.1	library/fftw-3
file-roller	2.30.2	desktop/archive-manager/file-roller

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filechunkio	1.5	library/python/filechunkio-27
findutils	4.2.31	file/gnu-findutils
firefox	52.9.0	web/browser/firefox
fixesproto	5.0	x11/header/x11-protocols
fixtures	1.0.0	library/python/fixtures-27
flac	1.2.1	codec/flac
flex	2.5.35	developer/lexer/flex
fltk	1.3.4	x11/library/toolkit/fltk
font-adobe-100dpi	1.0.3	system/font/xorg/iso8859-1
font-adobe-75dpi	1.0.3	system/font/xorg/iso8859-1
font-adobe-utopia-100dpi	1.0.4	system/font/xorg/iso8859-1
font-adobe-utopia-75dpi	1.0.4	system/font/xorg/iso8859-1
font-adobe-utopia-type1	1.0.4	system/font/xorg/xorg-core
font-alias	1.0.3	system/font/xorg/xorg-core
font-arabic-misc	1.0.3	system/font/xorg/xorg-core
font-bh-100dpi	1.0.3	system/font/xorg/iso8859-1
font-bh-75dpi	1.0.3	system/font/xorg/iso8859-1
font-bh-lucidatypewriter-100dpi	1.0.3	system/font/xorg/iso8859-1
font-bh-lucidatypewriter-75dpi	1.0.3	system/font/xorg/iso8859-1
font-bh-ttf	1.0.3	system/font/truetype/bh-luxi
font-bh-type1	1.0.3	system/font/xorg/xorg-core
font-bitstream-100dpi	1.0.3	system/font/xorg/xorg-core
font-bitstream-75dpi	1.0.3	system/font/xorg/xorg-core
font-bitstream-type1	1.0.3	system/font/xorg/xorg-core
font-cronyx-cyrillic	1.0.3	system/font/xorg/cyrillic
font-cursor-misc	1.0.3	system/font/xorg/xorg-core
font-daewoo-misc	1.0.3	system/font/daewoo-misc
font-dec-misc	1.0.3	system/font/xorg/xorg-core
font-ibm-type1	1.0.3	system/font/xorg/xorg-core
font-isas-misc	1.0.3	system/font/isas-misc
font-jjis-misc	1.0.3	system/font/jjis-misc
font-micro-misc	1.0.3	system/font/xorg/xorg-core
font-misc-cyrillic	1.0.3	system/font/xorg/cyrillic
font-misc-ethiopic	1.0.3	system/font/misc-ethiopic
font-misc-meltho	1.0.3	system/font/misc-meltho
font-misc-misc	1.1.2	system/font/xorg/iso8859-1

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font-mutt-misc	1.0.3	system/font/xorg/xorg-core
font-schumacher-misc	1.1.2	system/font/xorg/iso8859-1
font-screen-cyrillic	1.0.4	system/font/xorg/cyrillic
font-sony-misc	1.0.3	system/font/xorg/xorg-core
font-sun-misc	1.0.3	system/font/xorg/xorg-core
font-util	1.3.0	x11/font-utilities
font-winitzki-cyrillic	1.0.3	system/font/xorg/cyrillic
font-xfree86-type1	1.0.4	system/font/xorg/xorg-core
fontconfig	2.12.1	system/library/fontconfig
fontproto	2.1.2	x11/header/x11-protocols
foomatic-db	0.20080903	print/cups/filter/foomatic-db
foomatic-db-engine	0.20080903	print/cups/filter/foomatic-db-engine
foomatic-filters	4.0.15	print/lp/filter/foomatic-rip
foomatic-filters-ppds	0.2008.8.18	print/lp/filter/foomatic-ppds
fping	2.4b2_to	diagnostic/fping
freeglut	2.6.0	x11/library/freeglut
freeipmi	0.7.16	system/management/freeipmi
freetts	1.2.1	gnome/accessibility/gnome-a11y-libs
freetype	2.9	system/library/freetype-2
from		compatibility/ucb
fsfonts	1.0.4	x11/xfs/xfs-utilities
fstobdf	1.0.5	x11/xfs/xfs-utilities
ftp		network/ftp
futures	2.2.0	library/python/futures-27
gSOAP	2.7.17	system/library/security/pkcs11_kms
gamin	0.1.10	library/file-monitor/gamin
gawk	3.1.8	text/gawk
gcalctool	5.30.2	desktop/calculator/gcalctool
gcc	3.4.3	developer/gcc-3
gcc	4.5.2	developer/gcc-45
gcc	4.7.3	developer/gcc-4/gcc-c++-47
gcc	4.8.2	developer/gcc-4/gcc-c++-48
gcc	5.4.0	developer/gcc/gcc-c++-5
gcc	7.3.0	developer/gcc/gcc-c++-7
gconf-editor	2.30.0	gnome/config/gconf/gconf-editor
gd2	2.0.35	library/gd

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gdb	7.6	developer/debug/gdb
gdbm	1.8.3	library/database/gdbm
gdk-pixbuf	2.36.0	library/desktop/gdk-pixbuf
gdm	2.30.7	system/display-manager/gdm
gedit	2.30.4	editor/gedit
gedit-plugins	2.30.0	editor/gedit/gedit-plugins
gegl	0.1.2	image/library/gegl
getopt	1.1.5	shell/gnu-getopt
getopt_long		system/library
gettext	0.19.8	text/gnu-gettext
gettext-tools	0.16.1	developer/gnome/gettext
gftp	2.0.19	desktop/gftp
ghostscript	9.00	print/filter/ghostscript
gimp	2.6.10	image/editor/gimp
gimp-hdrtools	0.1	image/editor/gimp
gimp-help	2.4.2	image/editor/gimp/gimp-help
git	2.15.2	developer/versioning/git
gksu	2.0.2	desktop/gksu
glade	3.6.7	developer/ui-designer/glade
glade-java	2.12.8	library/java/java-gnome
gladman	04-03-08	system/kernel/crypto
glance	Kilo 2015.1.2	cloud/openstack/glance
glance_store	0.4.0	library/python/glance_store-27
glib-networking	2.50.0	library/glib-networking
glib2	2.46.0	library/glib2
glib2-java	0.4.2	library/java/java-gnome
glibmm	2.24.1	library/c++/glibmm
glproto	1.4.16	x11/header/x11-protocols
gmime	2.5.3	library/gmime
gnome-applets	2.30.0	gnome/applet/gnome-applets
gnome-backgrounds	2.30.0	image/gnome-backgrounds
gnome-commander	1.2.8.8	desktop/file-manager/gnome-commander
gnome-common	2.28.0	developer/gnome/gettext
gnome-config-java	2.12.6	library/java/java-gnome/java-libgconf
gnome-control-center	2.30.1	gnome/preferences/control-center
gnome-desktop	2.30.2	gnome/gnome-panel

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gnome-devel-docs	2.30.1	documentation/gnome/gnome-devel-docs
gnome-doc-utils	0.20.3	developer/gnome/gnome-doc-utils
gnome-games	2.30.2	games/gnome-games
gnome-icon-theme	2.30.3	gnome/theme/gnome-icon-theme
gnome-keyring	2.30.3	gnome/gnome-keyring
gnome-libs-java	2.12.7	library/java/java-gnome
gnome-mag	0.16.2	gnome/accessibility/gnome-a11y-libs
gnome-media	2.30.0	gnome/media/gnome-media
gnome-menus	2.30.4	gnome/gnome-panel
gnome-mime-data	2.18.0	library/gnome/gnome-vfs
gnome-mount	0.4	gnome/file-manager/nautilus
gnome-netstatus	2.28.2	gnome/applet/gnome-applets
gnome-nettool	2.30.0	desktop/network/gnome-nettool
gnome-panel	2.30.2	gnome/gnome-panel
gnome-pilot	2.0.17	communication/pda/gnome-pilot
gnome-power-manager	2.24.4	gnome/gnome-power-manager
gnome-python	2.28.1	library/python/python-gnome-27
gnome-python-desktop	2.30.2	library/python/python-gnome-desktop-27
gnome-python-extra	2.25.3	library/python/python-gnome-extras-27
gnome-session	2.30.2	gnome/gnome-session
gnome-settings-daemon	2.30.2	gnome/preferences/control-center
gnome-speech	0.4.25	gnome/speech/gnome-speech
gnome-system-monitor	2.28.2	desktop/system-monitor/gnome-system-monitor
gnome-terminal	2.30.2	terminal/gnome-terminal
gnome-themes	2.30.2	gnome/theme/gnome-themes
gnome-user-docs	2.30.1	documentation/gnome/gnome-user-docs
gnome-utils	2.30.0	gnome/disk-analyzer/baobab
gnome-vfs	2.24.4	library/gnome/gnome-vfs
gnonlin	0.10.17	library/audio/gstreamer/plugin/gnonlin
gnu-gs-fonts-other	6.0	print/filter/ghostscript/fonts/gnu-gs-fonts-other
gnu-gs-fonts-std	6.0	print/filter/ghostscript/fonts/gnu-gs-fonts-std
gnump	4.3.2	library/gmp
gnupg	2.0.30	crypto/gnupg
gnuplot	4.6.0	image/gnuplot
gnutls	3.5.16	library/gnutls-3
gobby	0.4.12	editor/gobby

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gobject-introspection	1.46.0	library/desktop/gobject/gobject-introspection
gocr	0.48	image/gocr
goffice	0.8.11	library/desktop/goffice
google-droid-fonts	2013.06.07	system/font/truetype/google-droid
gperf	3.0.3	developer/gperf
gpgme	1.6.0	library/security/gpgme
gphoto2	2.4.10	gnome/gnome-camera
graphviz	2.28.0	image/graphviz
greenlet	0.4.9	library/python/greenlet-27
grep	2.14	text/gnu-grep
groff	1.22.2	text/groff
groups		compatibility/ucb
gsl	1.16	library/libgsl
gsskex	5.7p1	network/openssh
gsskrbkernel	[1.10, 1.8]	system/kernel/security/gss
gst-plugins-base	0.10.32	library/audio/gstreamer
gst-plugins-good	0.10.27	library/audio/gstreamer
gst-python	0.10.21	library/python/python-gst-27
gstreamer	0.10.32	library/audio/gstreamer
gthumb	2.12.0	image/viewer/gthumb
gtk-doc	1.24	developer/documentation-tool/gtk-doc
gtk-vnc	0.3.10	library/python/python-gtk-vnc-27
gtk-vnc	0.7.0	library/desktop/gtk-vnc
gtk2	2.24.31	library/desktop/gtk2
gtk2-engines	2.20.2	gnome/theme/gtk2-engines
gtk2-java	2.10.2	library/java/java-gnome
gtk3	3.18.0	library/desktop/gtk3
gtkam	0.1.17	gnome/gnome-camera
gtkhtml	3.30.3	library/desktop/gtkhtml
gtkmm	2.20.2	library/desktop/c++/gtkmm
gtksourceview	2.10.5	library/desktop/gtksourceview
gucharmap	2.30.3	desktop/character-map/gucharmap
guile	1.8.6	library/guile
gutenprint	5.2.7	print/filter/gutenprint
gvfs	1.6.7	library/gnome/gvfs
gzip	1.5	compress/gzip

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hal-cups-utils	0.6.19	print/cups/hal-cups-utils
harfbuzz	1.0.6	library/desktop/harfbuzz
heat	Kilo 2015.1.2	cloud/openstack/heat
help2man	1.46.1	developer/documentation-tool/help2man
hexedit	1.2.12	editor/hexedit
hicolor-icon-theme	0.12	gnome/theme/hicolor-icon-theme
hiera	1.3.4	library/ruby/hiera
horizon	0.2015.1.2	cloud/openstack/horizon
hplip	3.15.7	print/filter/hplip
htping	1.4.4	diagnostic/htping
httplib2	0.8	library/python/httplib2-27
hwa1480_fw	RC1.3PA2-2	system/io/usb
i915	2013Q3	driver/graphics/drm
ibutils	1.5.7	network/open-fabrics
iceauth	1.0.6	x11/library/libice
ico	1.0.4	x11/demo
icon-naming-utils	0.8.90	library/desktop/xdg/icon-naming-utils
icu	3.6	system/kernel
idna	2.0	library/python/idna-27
idnkit	1.0	library/idnkit
idnkit	2.1	library/idnkit/header-idnkit
idnkit2	2.1	library/idnkit
ifconfig		system/network
ifparse		system/network
iftop	0.17	diagnostic/iftop
ilmbase	1.0.1	library/ilmbase
imake	1.0.6	developer/build/imake
indent	2.2.9	developer/gnu-indent
infiniband-diags	1.6.5	network/open-fabrics
iniparse	0.4	library/python/iniparse
inputproto	2.3	x11/header/x11-protocols
installalias		x11/font-utilities
instant	1.116	text/doctools
intel		system/kernel/platform
intel-gpu-tools	1.3	x11/diagnostic/intel-gpu-tools
intltool	0.40.6	developer/gnome/gettext

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ipaddr	2.1.11	library/python/ipaddr-27
ipaddress	1.0.16	library/python/ipaddress-27
iperf	2.0.4	benchmark/iperf
ipfilter	4.1.9	network/ipfilter
ipmi	8.0,8.1	driver/management/ipmi
ipmitool	1.8.15.0	system/management/ipmitool
ipw	1.30.2.1	driver/network/wlan/ipw
ipython	0.10	library/python/ipython-27
ircii	20060725	network/chat/ircii
ironic	Kilo 2015.1.2	cloud/openstack/ironic
irssi	1.0.7	network/chat/irssi
isc-dhcp	4.3.6-P1	service/network/dhcp/isc-dhcp
iso-codes	3.21	data/iso-codes
iso8601	0.1.10	library/python/iso8601-27
iwh	1.0	driver/network/wlan/iwh
iwi	1.57	driver/network/wlan/iwi
iwk	1.16	driver/network/wlan/iwk
iwp	1.0	driver/network/wlan/iwp
jQuery	1.8.0	system/install/auto-install/auto-install-common
jakarta-commons-collections	3.2.1	library/java/commons-collections
jansson	2.7	library/jansson
java-atk-wrapper	0.30.4	gnome/accessibility/gnome-a11y-libs
java_cup	0.10k	developer/parser/java_cup
jdom	1.1.1	library/java/jdom
jflex	1.4.1	developer/lexer/jflex
jpackage-utils	1.7.5	developer/java/jpackage-utils
jpeg	6b	image/library/libjpeg
jsl	0.3.0	developer/javascript/jsl
json-c	0.12	library/json-c
jsonpatch	1.1	library/python/jsonpatch-27
jsonpointer	1.0	library/python/jsonpointer-27
jsonrplib	0.1.3	library/python/jsonrplib-27
jsonschema	2.0.0	library/python/jsonschema-27
junit	4.11	developer/java/junit
kbproto	1.0.6	x11/header/x11-protocols
kcmbd		network/legacy-remote-utilities

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keymaster.js	1.0.2	system/install/auto-install/auto-install-common
keystone	Kilo 2015.1.2	cloud/openstack/keystone
keystonemiddleware	1.5.2	library/python/keystonemiddleware-27
kombu	3.0.32	library/python/kombu-27
ksh93	\$(IPS_HUMAN_VERSION)	developer/astdev93
lastcomm		system/core-os
lbxproxy	1.0.3	x11/network/x11-network-proxies
lcms	1.19	library/lcms
ldappool	1.0	library/python/ldappool-27
ldtp	2.1.1	system/desktop/ldtp-27
less	458	text/less
lesscpy	0.9.10	library/python/lesscpy-27
lftp	4.7.6	network/ftp/lftp
libFS	1.0.5	x11/library/libfs
libICE	1.0.8	x11/library/libice
libIDL	0.8.14	library/gnome/gnome-component
libSM	1.2.2	x11/library/libsm
libX11	1.6.2	x11/library/libx11
libXScrnSaver	1.2.2	x11/library/libxscnsaver
libXau	1.0.8	x11/library/libxau
libXaw	1.0.12	x11/library/toolkit/libxaw7
libXaw4		x11/library/toolkit/libxaw4
libXaw5		x11/library/toolkit/libxaw5
libXcomposite	0.4.4	x11/library/libxcomposite
libXcursor	1.1.15	x11/library/libxcursor
libXdamage	1.1.4	x11/library/libxdamage
libXdmpc	1.1.1	x11/library/libxdmcp
libXevie	1.0.3	x11/library/libxevie
libXext	1.3.2	x11/library/libxext
libXfixes	5.0.1	x11/library/libxfixes
libXfont	1.5.4	x11/library/libxfont
libXft	2.3.1	x11/library/libxft
libXi	1.7.2	x11/library/libxi
libXinerama	1.1.3	x11/library/libxinerama
libXmu	1.1.2	x11/library/libxmu
libXp	1.0.2	x11/library/libxp

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libXpm	3.5.11	x11/library/libxpm
libXrandr	1.4.2	x11/library/libxrandr
libXrender	0.9.8	x11/library/libxrender
libXres	1.0.7	x11/library/libxres
libXt	1.1.4	x11/library/toolkit/libxt
libXtst	1.2.2	x11/library/libxtst
libXv	1.0.10	x11/library/libxv
libXvMC	1.0.8	x11/library/libxvnc
libXxf86misc	1.0.3	x11/library/libxxf86misc
libXxf86vm	1.1.3	x11/library/libxxf86vm
libanthy	9100h	system/input-method/library/libanthy
libarchive	3.3.1	library/libarchive
libart_lgpl	2.3.21	image/library/libart
libassuan	2.4.3	library/security/libassuan
libbonobo	2.24.3	library/gnome/gnome-component
libbonoboui	2.24.4	library/gnome/gnome-libs
libbsdmalloc		system/library
libcanberra	0.26	library/desktop/xdg/libcanberra
libchamplain	0.6.0	library/desktop/libchamplain
libchewing	0.3.2	system/input-method/library/libchewing
libcompizconfig	0.8.4	desktop/compiz/library/libcompizconfig
libconfuse	2.6	library/libconfuse
libcroco	0.6.2	library/libcroco
libcurses		compatibility/ucb
libdaemon	0.14	library/libdaemon
libdiscid	0.2.2	library/musicbrainz/libdiscid
libdmx	1.1.3	x11/library/libdmx
libdrm	2.4.43	x11/library/libdrm
libdwarf	1.24	developer/build/onbld
libedit	20110802-3.0	library/libedit
libee	0.4.1	library/libee
libepoxy	1.2	x11/library/libepoxy
liberation-fonts-ttf	1.07.2	system/font/truetype/liberation
libestr	0.1.9	library/libestr
libevent	1.4.14b	library/libevent
libexif	0.6.21	image/library/libexif

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libexif-gtk	0.3.5	library/gnome/gnome-libs
libexpat	2.2.1	library/expat
libffi	3.2.1	library/libffi
libfontenc	1.1.2	x11/library/libfontenc
libfuse	2.7.4	library/libfuse
libgail-gnome	1.20.3	gnome/accessibility/gnome-a11y-libs
libgc	7.2	library/gc
libgcrypt	1.7.9	system/library/security/libgcrypt
libgdata	0.6.5	library/desktop/libgdata
libgee	0.6.0	library/desktop/libgee
libgksu	2.0.12	desktop/gksu
libglade	2.6.4	library/desktop/libglade
libgnome	2.30.0	library/gnome/gnome-libs
libgnome-keyring	2.30.1	library/gnome/gnome-keyring
libgnomecanvas	2.30.2	library/desktop/libgnomecanvas
libgnomekbd	2.30.0	library/gnome/libgnomekbd
libgnomeui	2.24.4	library/gnome/gnome-libs
libgpg-error	1.27	library/security/libgpg-error
libgphoto2	2.4.10	gnome/gnome-camera
libgsf	1.14.19	library/desktop/libgsf
libgtkhtml	2.11.1	library/gnome/gnome-libs
libgtop	2.28.2	library/libgtop
libgweather	2.30.3	library/desktop/libgweather
libhangul	0.0.12	system/input-method/library/libhangul
libibmad	1.3.12	network/open-fabrics
libibumad	1.3.10.2	network/open-fabrics
libibverbs	1.1.4	network/open-fabrics
libical	0.46	library/libical
libidn	1.33	library/libidn
libidn2	2.0.4	library/libidn2
libinetutil		system/library
libkmf		system/library
libksba	1.3.5	library/security/libksba
liblxbutil	1.1.0	x11/network/x11-network-proxies
libldap4	4	system/library
liblogging	1.0.4	library/liblogging

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liblouis	2.1.1	library/liblouis
liblouisxml	2.1.0	library/liblouisxml
libmcrypt	2.5.8	system/library/security/libmcrypt
libmemcached	0.16	library/libmemcached
libmicrohttpd	0.9.52	library/libmicrohttpd
libmikmod	3.3.11.1	library/audio/libmikmod
libmilter	8.15.1	library/libmilter
libmlx4	1.0.1	network/open-fabrics
libmng	1.0.10	library/graphics/libmng
libmp		system/library
libmusicbrainz	3.0.3	library/musicbrainz/libmusicbrainz
libneon	0.30.1	library/neon
libnet	1.1.5	system/library/libnet
libnotify	0.4.5	library/libnotify
libogg	1.2.2	codec/ogg-vorbis
liboil	0.3.17	library/liboil
libotr	4.1.0	communication/im/pidgin
libpcap	1.5.1	system/library/libpcap
libpciaccess	0.13.2	diagnostic/scanpci
libpki	0.8.9	library/security/ocsp/libpki
libpng	1.4.20	image/library/libpng
libproxy	0.3.1	library/libproxy
libpthread-stubs	0.3	x11/library/libpthread-stubs
librabbitmq	1.0.1	library/python/librabbitmq-27
librdmacm	1.0.14.1	network/open-fabrics
libresolv		system/library
libresolv2		system/library
librstp	1.1.02	network/bridging
librsvg	2.40.16	image/library/librsvg
librsync	0.9.7	library/librsync
libsasl	2.12	system/library/security/gss
libsdl	1.2.14	library/sdl
libsdp	1.1.108	network/open-fabrics
libsexy	0.1.11	library/desktop/libsexy
libsigc++	2.2.8	library/c++/sigcpp
libsigsegv	2.6	library/libsigsegv

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libsndfile	1.0.28	library/libsndfile
libsoup	2.57.1	library/libsoup
libspectre	0.2.6	desktop/pdf-viewer/evince
libssh2	1.7.0	library/libssh2
libtasn1	2.8	library/libtasn1
libtecla	1.6.1	library/libtecla
libtermcap		compatibility/ucb
libtheora	1.1.1	codec/libtheora
libtiff	4.0.9	image/library/libtiff
libtool	2.4.2	developer/build/libtool
libtorrent	0.12.2	library/libtorrent
libucb		compatibility/ucb
libunique	1.1.6	library/libunique
libusb	1.0.20	library/libusb-1
libusb-wrapper	0.1.8	system/library/usb/libusb
libuuid	1.0	system/library
libvisual	0.4.0	library/desktop/libvisual
libvisual-plugins	0.4.0	library/desktop/libvisual
libvorbis	1.3.6	codec/ogg-vorbis
libwnck	2.30.5	gnome/gnome-panel
libxcb	1.9.1	x11/library/libxcb
libxkbfile	1.0.8	x11/library/libxkbfile
libxklavier	5.0	library/desktop/libxklavier
libxml2	2.9.5	library/libxml2
libxmlpp	2.26.1	library/c++/libxml++
libxslt	1.1.28	library/libxslt
lighttpd	1.4.41	web/server/lighttpd-14
linecache2	1.0.0	library/python/linecache2-27
links	2.9	web/browser/links
listres	1.0.3	x11/xt-resource-utilities
ln		compatibility/ucb
lndir	1.0.3	file/lndir
lockfile	0.9.1	library/python/lockfile-27
logilab-astng	0.24.0	library/python/logilab-astng
logilab-common	0.58.2	library/python/logilab-common
logrotate	3.7.8	system/file/logrotate

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logutils	0.3.3	library/python/logutils-27
look		text/spelling-utilities
ls		compatibility/ucb
lua	5.1.4	runtime/lua
luit	1.1.1	terminal/luit
lynx	2.8.7	web/browser/lynx
lz4		system/file-system/zfs
m17n	1.6.2	system/input-method/library/m17n
m17n-contrib	1.1.12	system/input-method/library/m17n/contrib
m4	1.4.12	developer/macro/gnu-m4
mailman	2.1.24.1	mail/mailman
make	3.82	developer/build/gnu-make
makedepend	1.0.5	developer/build/makedepend
mc	4.8.13	file/mc
mdb		system/kernel
mdns	1.0	service/network/dns/mdns
meld	1.8.6	developer/meld
memcached	1.4.33	service/memcached
memcached-java	2.0.1	library/java/memcached-java
mercurial	4.1.3	developer/versioning/mercurial
mesa	9.0.3	x11/library/mesa
mesa-demos	8.1.0	x11/demo/mesa-demos
metacity	2.30.1	gnome/window-manager/metacity
mkcookie		x11/session/xauth
mkfontdir	1.0.7	x11/font-utilities
mkfontscale	1.1.1	x11/font-utilities
mlocate	0.25	file/mlocate
mock	1.0.1	library/python/mock-27
mod_dtrace	0.3.1	web/server/apache-22/module/apache-dtrace
mod_fcgid	2.3.9	web/server/apache-22/module/apache-fcgid
mod_gss	1.3.8	service/network/ftp
mod_jk	1.2.41	web/server/apache-22/module/apache-jk
mod_perl	2.0.4	web/server/apache-22/module/apache-perl
mod_proxy_html	1.0.1	web/server/apache-22/module/apache-xml2enc
mod_proxy_html	3.1.1	web/server/apache-22/module/apache-proxy_html
mod_security2	2.8.0	web/server/apache-22/module/apache-security

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mod_wsgi	4.3.0	web/server/apache-22/module/apache-wsgi-27
mousetweaks	2.30.2	gnome/accessibility/mousetweaks
mpathd		system/network
mpc	0.9	library/mpc
mpfr	2.4.2	library/mpfr
mrtg	2.17.4	diagnostic/mrtg
msgpack-python	0.4.6	library/python/msgpack-27
mt		system/core-os
mtr	0.86	network/mtr
mutt	1.5.21	mail/mutt
mw1	1.5	driver/network/wlan/mw1
mxfe	0.8.0	driver/network/ethernet/mxfe
mysql	5.7.23	database/mysql-57/embedded
nanliu-staging	1.0.3	system/management/puppet/nanliu-staging
nano	2.0.9	editor/nano
nautilus	2.30.1	gnome/file-manager/nautilus
nautilus-open-terminal	0.18	gnome/file-manager/nautilus
nautilus-sendto	2.28.5	gnome/file-manager/nautilus/extension/nautilus-sendto
ncftp	3.2.3	network/ftp/ncftp
ncurses	5.7	library/ncurses
net-snmp	5.4.1	library/python/net-snmp-27
net6	1.3.14	library/c++/net6
net80211	1.43	system/kernel
netaddr	0.7.13	library/python/netaddr-27
netcat	1.89	network/netcat
nethack	3.4.3	games/nethack
netifaces	0.10.4	library/python/netifaces-27
nettle	3.1	library/security/nettle
networkx	1.9.1	library/python/networkx
neutron	2015.1.2	cloud/openstack/neutron
nicstat	1.95	diagnostic/nicstat
nmap	7.50	diagnostic/nmap
noVNC	0.5	web/novnc
nose	1.2.1	library/python/nose
nose-cover3	0.0.4	library/python/nose-cover3-27
notification-daemon	0.4.0	gnome/gnome-panel

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notify-python	0.1.1	library/python/python-notify-27
nova	Kilo 2015.1.2	cloud/openstack/nova
nsgmls	1.3.1	text/doctools
ntfsprogs	2.0.0	system/file-system/ntfsprogs
ntp	4.2.8p11	service/network/ntp
numpy27	1.4.1	library/python/python-extra-27
oauthlib	0.7.2	library/python/oauthlib-27
obby	0.4.7	library/c++/obby
ocaml	3.11.2	runtime/ocaml
oclock	1.0.3	x11/oclock
omp_collector_api.h		system/library/openmp
opal	3.6.8	communication/conferencing/ekiga
openca-ocspd	3.1.2	library/security/ocsp/openca-ocspd
openexr	1.6.1	library/openexr
openldap	2.4.45	service/network/ldap/openldap
openscap	1.2.6	library/perl-5/openscap-512
opensm	3.3.19	network/open-fabrics
openssh	7.5p1	network/openssh
openssl	1.0.0	system/kernel/crypto
openssl	1.0.2o	library/security/openssl
openssl-fips-140	1.0.2o	library/security/openssl/openssl-fips-140
openstack-cinder	6.1.0	system/management/puppet/openstack-cinder
openstack-glance	6.1.0	system/management/puppet/openstack-glance
openstack-heat	6.1.0	system/management/puppet/openstack-heat
openstack-horizon	6.1.0	system/management/puppet/openstack-horizon
openstack-ironic	6.1.0	system/management/puppet/openstack-ironic
openstack-keystone	6.1.0	system/management/puppet/openstack-keystone
openstack-neutron	6.1.0	system/management/puppet/openstack-neutron
openstack-nova	6.1.0	system/management/puppet/openstack-nova
openstack-openstacklib	6.1.0	system/management/puppet/openstack-openstacklib
openstack-swift	6.1.0	system/management/puppet/openstack-swift
openusb	1.0.1	system/library/usb/openusb
openwsman	2.2.3	system/management/web/openwsman
orca	2.30.2	gnome/accessibility/orca
oslo.concurrency	1.8.2	library/python/oslo.concurrency-27
oslo.config	1.9.3	library/python/oslo.config-27

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oslo.context	0.2.0	library/python/oslo.context-27
oslo.db	1.7.2	library/python/oslo.db-27
oslo.i18n	1.5.0	library/python/oslo.i18n-27
oslo.log	1.0.0	library/python/oslo.log-27
oslo.messaging	1.8.3	library/python/oslo.messaging-27
oslo.middleware	1.0.0	library/python/oslo.middleware-27
oslo.policy	0.3.2	library/python/oslo.policy-27
oslo.serialization	1.4.0	library/python/oslo.serialization-27
oslo.utils	1.4.0	library/python/oslo.utils-27
oslo.versionedobjects	0.1.1	library/python/oslo.versionedobjects-27
oslo.vmware	0.11.2	library/python/oslo.vmware-27
osprofiler	0.3.0	library/python/osprofiler-27
p7zip	16.02-3	compress/p7zip
pam_pkcs11	0.6.0	system/manual
pam_pkcs11	0.6.8	library/security/pam/module/pam-pkcs11
pango	1.40.4	library/desktop/pango
pangomm	2.26.1	library/desktop/c++/pangomm
paps	0.20151223	print/paps
parallel	0.2012.11.22	shell/parallel
paramiko	2.0.8	library/python/paramiko-27
parted	2.3	system/storage/parted
passlib	1.6.1	library/python/passlib-27
patch	2.7.6-1	text/gnu-patch
patchutils	0.3.1	text/patchutils
patricia		system/kernel
pbr	0.11.0	library/python/pbr-27
pbzip2	1.1.6	compress/pbzip2
pcan	5.1	driver/network/wlan/pcan
pcfs		system/file-system/pcfs
pci.ids	2018.06.18	system/data/hardware-registry
pconsole	1.0	terminal/pconsole
pcre	8.41	library/pcre
pcsc-lite	1.8.14	library/security/pcsc/pcsclite
pcwl	5.1	driver/network/wlan/pcwl
pecan	0.8.3	library/python/pecan-27
pep8	1.5.7	library/python/pep8-27

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perftest	1.3.0	network/open-fabrics
perl	5.12.5	runtime/perl-512
perl	5.22.1.1	runtime/perl-522
pf	5.5	network/firewall
pflogd	5.5	network/firewall/firewall-pflog
php	5.6.36	web/php-56
php	7.1.17	web/php-71
pidgin	2.10.11	communication/im/pidgin
pidgin-otr	4.0.1	communication/im/pidgin
pigz	2.2.5	compress/pigz
pilot-link	0.12.5	communication/pda/pilot-link
pinentry	0.7.6	security/pinentry
pip	6.0.8	library/python/pip-27
pixman	0.34.0	library/graphics/pixman
pixz	1.0.6	compress/pixz
pkcs11	2.20	system/header
pkcs11_tpm	2.2.6	system/library/security/pkcs11_tpm
pkg-config	0.23	developer/build/pkg-config
pkgbuild	1.3.105	package/pkgbuild
ply	3.1	library/python/ply-27
pmtools	1.10	library/perl-5/pmtools-512
policykit		system/library/policykit
poppler	0.14.4	desktop/pdf-viewer/evince
poppler-data	0.4.3	desktop/pdf-viewer/evince
popt	1.7	library/popt
portgen		system/library
posix_ipc	0.9.9	library/python/posix_ipc-27
postfix	3.2.2	service/network/smtp/postfix
ppp	2.4	system/network/ppp
pppdump	2.4.0	source/network/pppdump
printproto	1.0.5	x11/header/x11-protocols
privoxy	3.0.23	web/proxy/privoxy
procmail	3.22	mail/procmail
procps-ng	3.3.10	shell/watch
proftpd	1.3.6	service/network/ftp
proxymngr	1.0.3	x11/network/x11-network-proxies

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psutil	1.2.1	library/python/psutil-27
psutils	p17	print/psutils
pth	2.0.7	library/pth
ptlib	2.6.7	communication/conferencing/ekiga
pulseaudio	1.1	library/audio/pulseaudio
puppet	3.8.6	system/management/puppet
puppetlabs-apache	1.8.1	system/management/puppet/puppetlabs-apache
puppetlabs-concat	1.2.1	system/management/puppet/puppetlabs-concat
puppetlabs-inifile	1.4.3	system/management/puppet/puppetlabs-inifile
puppetlabs-mysql	3.6.2	system/management/puppet/puppetlabs-mysql
puppetlabs-ntp	4.1.2	system/management/puppet/puppetlabs-ntp
puppetlabs-rabbitmq	5.3.1	system/management/puppet/puppetlabs-rabbitmq
puppetlabs-rsync	0.4.0	system/management/puppet/puppetlabs-rsync
puppetlabs-stdlib	4.11.0	system/management/puppet/puppetlabs-stdlib
pv	1.2.0	shell/pipe-viewer
pwgen	2.06	crypto/pwgen
py	1.4.26	library/python/py-27
pyOpenSSL	0.13	library/python/pyopenssl-27
pyScss	1.2.1	library/python/pyscss-27
pyasn1	0.1.7	library/python/pyasn1-27
pyasn1-modules	0.0.5	library/python/pyasn1-modules-27
pybonjour	1.1.1	library/python/pybonjour-27
pycadf	0.8.0	library/python/pycadf
pycairo	1.8.10	library/python/pycairo-27
pycountry	0.17	library/python/pycountry-27
pycparser	2.10	library/python/pycparser-27
pycups	1.9.46	library/python/pycups-27
pycurl	7.19.0.1	library/python/pycurl
pydns	2.3.6	library/python/pydns-27
pyflakes	0.8.1	library/python/pyflakes-27
pygobject	2.21.3	library/python/pygobject-27
pygtk2	2.24.0	library/python/pygtk2-27
pygtksourceview	2.10.1	library/python/pygtksourceview2-27
pylint	0.25.2	developer/python/pylint
pylxml	2.3.3	library/python/lxml-27
pyorbit	2.24.0	library/python/pyorbit-27

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pyarsing	2.0.1	library/python/pyarsing-27
pyrabbit	1.0.1	library/python/pyrabbit-27
pysendfile	2.0.1	library/python/pysendfile-27
pytest	2.6.4	library/python/pytest-27
pytest-capturelog	0.7	library/python/pytest-capturelog-27
pytest-codecheckers	0.2	library/python/pytest-codecheckers-27
pytest-cov	1.6	library/python/pytest-cov-27
python-barbicanclient	3.0.3	library/python/barbicanclient-27
python-ceilometerclient	1.1.1	library/python/ceilometerclient-27
python-cinderclient	1.3.1	library/python/cinderclient-27
python-glanceclient	0.17.2	library/python/glanceclient-27
python-heatclient	0.4.0	library/python/heatclient-27
python-ironicclient	0.5.1	library/python/ironicclient-27
python-keystoneclient	1.3.3	library/python/keystoneclient-27
python-ldap	2.4.10	library/python/python-ldap-27
python-memcached	1.53	library/python/python-memcached-27
python-mimeparse	0.1.4	library/python/python-mimeparse-27
python-neutronclient	2.4.0	library/python/neutronclient-27
python-novaclient	2.23.2	library/python/novaclient-27
python-openstackclient	1.0.4	library/python/openstackclient-27
python-quantumclient	2.2.4.3	library/python/quantumclient-27
python-saharaclient	0.8.0	library/python/saharaclient-27
python-swiftclient	2.4.0	library/python/swiftclient
python-troveclient	1.0.9	library/python/troveclient-27
python-xdg	0.25	library/python/python-xdg-27
pytz	2014.10	library/python/pytz-27
pywbem	0.7.0	library/python/pywbem
qdox	1.9.2	library/java/qdox
qperf	0.4.9	network/open-fabrics
quagga	0.99.19	system/network/routing/quagga
quilt	0.60	developer/quilt
rabbitmq-server	3.6.9	network/amqp/rabbitmq
raccoon2	1.38	system/network/ike
ral	1.7	driver/network/wlan/ral
randrproto	1.4.0	x11/header/x11-protocols
raptor	1.4.19	library/raptor

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rarian	0.8.1	library/gnome/gnome-libs
rcp		network/legacy-remote-utilities
rdesktop	1.6.0	desktop/remote-desktop/rdesktop
rdiff-backup	1.3.3	backup/rdiff-backup
rdisc		system/network/routing
rds-tools	2.0.4	network/open-fabrics
readline	5.2	library/readline
realvnc-java-client	4.1	gnome/gnome-remote-desktop
recordproto	1.14.2	x11/header/x11-protocols
refer		text/doctools
renderproto	0.11.1	x11/header/x11-protocols
repoze.lru	0.6	library/python/repoze.lru-27
requests	2.6.0	library/python/requests-27
resourceproto	1.2.0	x11/header/x11-protocols
retrying	1.3.3	library/python/retrying-27
rfc3986	0.2.0	library/python/rfc3986-27
rgb	1.0.5	x11/x11-server-utilities
rhythmbox	0.13.3	gnome/media/gnome-media-player
rlogind		service/network/legacy-remote-utilities
route		system/network
routed.bsd		system/network/routing
rpm2cpio	1.3	package/rpm
rrdtool	1.4.3	image/rrdtool
rsh		network/legacy-remote-utilities
rsync	3.1.2	network/rsync
rsyslog	8.15.0	system/rsyslog
rtorrent	0.8.2	network/rtorrent
rts		system/kernel
rtw	1.9	driver/network/wlan/rtw
ruby	1.9.3.551	runtime/ruby-19
ruby	2.1.6	runtime/ruby-21
ruby	2.3.1	runtime/ruby-23
rum	1.13.2.1	driver/network/wlan/rum
rwd	1.17	driver/network/wlan/rwd
rwn	1.20	driver/network/wlan/rwn
samba	4.7.6	service/network/samba

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sane-backends	1.0.19	image/scanner/xsane/sane-backends
sane-frontends	1.0.14	image/scanner/xsane/sane-frontend
saz-memcached	2.8.1	system/management/puppet/saz-memcached
sblim-cim-client	1.3.9.1	system/management/wbem/wbemcli
sblim-wbemcli	1.6.1	system/management/wbem/sblim-cim-client
scp	0.8.0	library/python/scp-27
screen	4.5.1	terminal/screen
script		system/core-os
scmsaverproto	1.2.2	x11/header/x11-protocols
seahorse	2.30.1	gnome/security/seahorse
seahorse-plugins	2.30.1	gnome/security/seahorse/seahorse-plugins
sed	4.2.1	text/gnu-sed
semantic_version	2.4.2	library/python/semantic-version-27
sendmail	8.15.1	service/network/smtp/sendmail
sessreg	1.1.0	x11/session/sessreg
setuptools	0.9.6	library/python/setuptools-27
setuptools-git	1.0	library/python/setuptools-git-27
setxkbmap	1.3.0	x11/keyboard/xkb-utilities
sexy-python	0.1.9	library/python/python-sexy-27
sfe	2.2.0	driver/network/ethernet/sfe
sg3_utils	1.33	system/storage/sg3_utils
sgml-common	0.6.3	data/sgml-common
shared-mime-info	0.80	library/gnome/gnome-vfs
showfont	1.0.4	x11/xfs/xfs-utilities
simplegeneric	0.8.1	library/python/simplegeneric-27
simplejson	3.6.5	library/python/simplejson-27
singledispatch	3.4.0.3	library/python/singledispatch-27
six	1.9.0	library/python/six-27
slang	2.2.4	library/slang
slib	3b1	library/slib
slrn	0.9.9p1	network/nntp/slrn
smartmontools	6.5	system/storage/smartmontools
smbfs	1.4.5	system/file-system/smb
smp_utils	0.97	system/storage/smp_utils
smproxy	1.0.5	x11/session/smproxy
snia-hbaapi	2.0	system/library/storage/snia-hbaapi

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snia-ima	1.0	system/library/storage/snia-ima
snia-mpapi	1.1	system/library/storage/snia-mpapi
snort	2.8.6.1	diagnostic/snort
soelim		text/doctools
sound-juicer	2.28.2	desktop/cd-ripping/sound-juicer
spawn-fcgi	1.6.3	web/fastcgi/spawn-fcgi
speex	1.2	codec/speex
sqlalchemy-migrate	0.9.6	library/python/sqlalchemy-migrate-27
sqlite	3.17.0	database/sqlite-3
sqlparse	0.1.14	library/python/sqlparse-27
squid	3.5.23	web/proxy/squid
sscanf		system/kernel
startup-notification	0.9	library/gnome/gnome-libs
stdcxx	4.2.1	library/c++/stdcxx
stevedore	1.3.0	library/python/stevedore-27
stunnel	5.35	service/security/stunnel
subversion	1.7.20	developer/versioning/subversion
sudo	1.8.18.1	security/sudo
suds	0.4	library/python/suds-27
suhosin	0.9.38	web/php/extension/php-suhosin-extension-56
sum		compatibility/ucb
swift	2.3.0	cloud/openstack/swift
swig	1.3.35	developer/swig
swt	3.3.2	library/java/swt
synergy	1.3.4	desktop/synergy
system-config-printer	1.0.16	print/cups/system-config-printer
t11-sm-hba	1.0	system/library/storage/t11-sm-hba
tango-icon-theme	0.8.90	gnome/theme/tango-icon-theme
tar	1.28	archiver/gnu-tar
tarfile	2.4	package/pkg
taskflow	0.7.1	library/python/taskflow-27
tbl		text/doctools
tcl	8.5.12	runtime/tcl-8
tcltls	1.6	runtime/tcl-8/tcl-openssl
tcp-wrapper	7.6	security/tcp-wrapper
tcpdump	4.9.2	diagnostic/tcpdump

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tcsch	6.19.0	shell/tcsch
telnet		network/telnet
terminator	0.95	terminal/terminator
terminfo		system/data/terminfo
termio		system/kernel
test		compatibility/ucb
testresources	0.2.7	library/python/testresources-27
testscenarios	0.5.0	library/python/testscenarios-27
testtools	1.8.0	library/python/testtools-27
texi2html		text/texinfo
texinfo		text/texinfo
text-utilities	2.24.2	text/text-utilities
thunderbird	52.9.1	mail/thunderbird
tidy	1.0.0	text/tidy
tigervnc	1.7.1	desktop/remote-desktop/tigervnc
timers		system/kernel
tip		system/core-os
tk	8.5.12	runtime/tk-8
tmux	1.9.1	terminal/tmux
tog-pegasus	2.11.0	system/management/cim/pegasus
tomcat	8.5.32	web/java-servlet/tomcat-8
top	3.8beta1	diagnostic/top
totem	2.30.2	gnome/media/gnome-media-player
totem-pl-parser	2.32.1	library/media-player/totem-pl-parser
tox	1.8.1	library/python/tox-27
traceback2	1.4.0	library/python/traceback2-27
traceroute	1.3.2	system/network
tracker	0.6.95	library/desktop/search/tracker
transmission	1.93	desktop/torrent/transmission
transset	1.0.1	x11/transset
tree	1.5.3	file/tree
trollius	2.0	library/python/trollius-27
trousers	0.3.6	library/security/trousers
tsclient	0.150	desktop/remote-desktop/tsclient
tset		compatibility/ucb
ttf-baekmuk	2.1	system/font/gnome-fonts

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ttf-bitstream-vera	1.10	system/font/truetype/bitstream-vera
ttf-freefont	20100919	system/font/gnome-fonts
twm	1.0.8	desktop/window-manager/twm
uath	1.3	driver/network/wlan/uath
udfs		system/file-system/udfs
ufs		system/file-system/ufs
ul		text/doctools
unicode	5.0	system/kernel
units		system/core-os
unixODBC	2.3.1	library/unixodbc
unrar	5.5.5	archiver/unrar
unzip	610c23	compress/unzip
ural	1.70	driver/network/wlan/ural
urllib3	1.10.4	library/python/urllib3-27
urtw	1.23	driver/network/wlan/urtw
usb.ids	2018.05.04	system/data/hardware-registry
users		compatibility/ucb
util-macros	1.17.1	developer/build/autoconf/xorg-macros
vala	0.36.0	developer/vala
vgaarb	1.0.0	driver/x11/xsvc
vgrind		text/doctools
vi		developer/base-developer-utilities
videoproto	2.3.2	x11/header/x11-protocols
viewres	1.0.4	x11/xt-resource-utilities
vim	8.0.95	editor/gvim
vinagre	2.30.3	desktop/remote-desktop/vinagre
vino	2.32.2	gnome/gnome-remote-desktop
virtualenv	12.0.7	library/python/virtualenv-27
vmstat		system/core-os
vte	0.26.2	terminal/gnome-terminal
w3m	0.5.3	web/browser/w3m
waitress	0.8.5	library/python/waitress-27
warlock	1.0.1	library/python/warlock-27
webalizer	2.21-02	web/analytics/webalizer
websockify	0.6.0	library/python/websockify-27
wget	1.19.2	web/wget

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whereis		compatibility/ucb
which		system/core-os
which	2.16	shell/which
whoami		compatibility/ucb
wireshark	2.6.2	diagnostic/wireshark
wpa	0.2.5	service/network/wpa
wpi	1.38	driver/network/wlan/wpi
wxwidgets	2.8.12	library/graphics/wxwidgets
x11perf	1.5.4	benchmark/x11perf
xattr	0.7.4	library/python/xattr-27
xauth	1.0.7	x11/session/xauth
xbiff	1.0.3	x11/xbiff
xbitmaps	1.1.1	x11/data/xbitmaps
xcalc	1.0.5	x11/xcalc
xcb-proto	1.8	x11/library/libxcb
xcb-util	0.3.9	x11/library/xcb-util
xcb-util-image	0.3.9	x11/library/xcb-util
xcb-util-keysyms	0.3.9	x11/library/xcb-util
xcb-util-renderutil	0.3.8	x11/library/xcb-util
xcb-util-wm	0.3.9	x11/library/xcb-util
xchat	2.8.8	desktop/irc/xchat
xclipboard	1.1.3	x11/xclipboard
xclock	1.0.7	x11/xclock
xcmiscproto	1.2.2	x11/header/x11-protocols
xcmsdb	1.0.4	x11/x11-server-utilities
xcompmgr	1.1.6	desktop/window-manager/xcompmgr
xconsole	1.0.6	x11/xconsole
xcursor-themes	1.0.4	x11/data/xcursor-themes
xcursorgen	1.0.5	image/xcursorgen
xdebug	2.5.1	web/php/extension/php-xdebug-56
xdg-sound-theme	0.6	gnome/theme/sound/xdg-sound-theme
xdg-user-dirs	0.13	library/xdg/xdg-user-dirs
xdg-user-dirs-gtk	0.8	desktop/xdg/xdg-user-dirs-gtk
xdg-utils	1.0.2	desktop/xdg/xdg-utils
xditview	1.0.3	document/viewer/xditview
xdm	1.1.9	system/display-manager/xdm

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xcpyinfo	1.3.1	x11/diagnostic/x11-info-clients
xdriinfo	1.0.4	x11/diagnostic/x11-info-clients
xedit	1.2.1	editor/xedit
xev	1.2.1	x11/diagnostic/xev
xextproto	7.2.1	x11/header/x11-protocols
xeyes	1.1.1	x11/demo
xf86-input-acecad	1.5.0	x11/server/xorg/driver/xorg-input-acecad
xf86-input-keyboard	1.8.0	x11/server/xorg/driver/xorg-input-keyboard
xf86-input-mouse	1.9.1	x11/server/xorg/driver/xorg-input-mouse
xf86-input-synaptics	1.7.8	x11/server/xorg/driver/xorg-input-synaptics
xf86-input-vmmouse	13.0.0	x11/server/xorg/driver/xorg-input-vmmouse
xf86-input-void	1.4.0	x11/server/xorg/driver/xorg-input-void
xf86-video-ast	1.0.1	x11/server/xorg/driver/xorg-video-ast
xf86-video-ati	6.14.6	x11/server/xorg/driver/xorg-video-ati
xf86-video-ati	6.8.0	x11/server/xorg/driver/xorg-video-efb
xf86-video-cirrus	1.5.2	x11/server/xorg/driver/xorg-video-cirrus
xf86-video-dummy	0.3.7	x11/server/xorg/driver/xorg-video-dummy
xf86-video-intel	2.21.5	x11/server/xorg/driver/xorg-video-intel
xf86-video-mach64	6.9.4	x11/server/xorg/driver/xorg-video-mach64
xf86-video-mga	1.6.3	x11/server/xorg/driver/xorg-video-mga
xf86-video-openchrome	0.3.2	x11/server/xorg/driver/xorg-video-openchrome
xf86-video-r128	6.8.4	x11/server/xorg/driver/xorg-video-r128
xf86-video-vesa	2.3.3	x11/server/xorg/driver/xorg-video-vesa
xf86-video-vmware	13.0.1	x11/server/xorg/driver/xorg-video-vmware
xf86dgaproto	2.1	x11/header/x11-protocols
xf86driproto	2.1.1	x11/header/x11-protocols
xf86miscproto	0.9.3	x11/header/x11-protocols
xf86vidmodeproto	2.3.1	x11/header/x11-protocols
xfd	1.1.2	x11/xfd
xfindproxy	1.0.3	x11/network/x11-network-proxies
xfontsel	1.0.5	x11/xfontsel
xf86	1.1.4	x11/xf86
xf86info	1.0.4	x11/xf86/xf86-utilities
xfwp	1.0.2	x11/network/x11-network-proxies
xgamma	1.0.5	x11/x11-server-utilities
xgc	1.0.4	x11/demo

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xhost	1.0.6	x11/x11-server-utilities
xineramaproto	1.2.1	x11/header/x11-protocols
xinit	1.3.3	x11/session/xinit
xinput	1.6.1	x11/x11-server-utilities
xkbcomp	1.2.4	x11/keyboard/xkbcomp
xkbprint	1.0.3	x11/keyboard/xkb-utilities
xkbutils	1.0.4	x11/keyboard/xkb-utilities
xkill	1.0.4	x11/xkill
xload	1.1.2	diagnostic/xload
xlock		x11/xlock
xlogo	1.0.4	x11/demo
xlsatoms	1.1.1	x11/diagnostic/x11-info-clients
xlsclients	1.1.3	x11/diagnostic/x11-info-clients
xlsfonts	1.0.4	x11/diagnostic/x11-info-clients
xlswins		x11/diagnostic/x11-info-clients
xmag	1.0.5	x11/xmag
xmag_multivis		x11/xmag
xman	1.1.3	x11/xman
xmlrpc-c	1.16.24	library/xmlrpc-c
xmlto	0.0.25	developer/documentation-tool/xmlto
xmodmap	1.0.8	x11/x11-server-utilities
xorg-cf-files	1.0.5	developer/build/imake
xorg-docs	1.7	x11/documentation/xorg-docs
xorg-server	1.14.5	x11/modeline-utilities
xorg-sgml-doctools	1.11	x11/documentation/xorg-docs
xorriso	0.6.0	media/xorriso
xpr	1.0.4	x11/x11-window-dump
xprop	1.2.2	x11/x11-server-utilities
xproto	7.0.27	x11/header/x11-protocols
xproxymanagementprotocol	1.0.3	x11/header/x11-protocols
xrandr	1.4.1	x11/x11-server-utilities
xrdb	1.1.0	x11/x11-server-utilities
xrefresh	1.0.5	x11/x11-server-utilities
xscope	1.4	x11/diagnostic/xscope
xscreensaver	5.15	desktop/xscreensaver
xserver-common	1.14.5	x11/server/xserver-common

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xset	1.2.3	x11/x11-server-utilities
xsetroot	1.1.1	x11/x11-server-utilities
xstdcmap	1.0.3	x11/colormap-utilities
xstr		system/core-os
xterm	320	terminal/resize
xtrans	1.2.7	x11/library/xtrans
xvidtune	1.0.3	x11/xvidtune
xvinfo	1.1.2	x11/diagnostic/x11-info-clients
xwd	1.0.6	x11/x11-window-dump
xwininfo	1.1.3	x11/diagnostic/x11-info-clients
xwud	1.0.4	x11/x11-window-dump
xz	5.2.3	compress/xz
yasm	1.3.0	developer/yasm
yelp	2.30.2	gnome/help-viewer/yelp
yge	7.3	driver/network/ethernet/yge
zenity	2.30.0	gnome/zenity
zip	3.0	compress/zip
zlib	1.2.11	library/zlib
zope.interface	3.3.0	library/python/python-zope-interface-27
zsh	5.3.1	shell/zsh
zyd	0.1.3.1	driver/network/wlan/zyd

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888     8 888  .d88'   Y888..8P
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888     8 888           .8PY888.
`88.   .8' 888         d8'  `888b
`YbodP'  o888o       o888o  o88888o

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