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v4.0.0α5

```

Desired=Unknown/Install/Remove/Purge/Hold
| Status=Not/Inst/Conf-files/Unpacked/half-conf/Half-inst/trig-aWait/Trig-
pend
|/ Err?=(none)/Reinst-required (Status,Err: uppercase=bad)
||/ Name                           Version
Architecture Description
+---+-----+-----+-----+
====-
====-
====-
====

ii  adduser           3.116ubuntul      all
add and remove users and groups
ii  apt               1.6.6          armhf
commandline package manager
ii  apt-utils         1.6.6          armhf
package management related utility programs
ii  at                3.1.20-3.1ubuntu2   armhf
Delayed job execution and batch processing
ii  base-files        10.1ubuntu2.3    armhf
Debian base system miscellaneous files
ii  base-passwd       3.5.44         armhf
Debian base system master password and group files
ii  bash              4.4.18-2ubuntul    armhf
GNU Bourne Again SHell
ii  bash-completion    1:2.8-1ubuntul    all
programmable completion for the bash shell
ii  bc                1.07.1-2        armhf
GNU bc arbitrary precision calculator language
ii  bridge-utils      1.5-15ubuntul    armhf
Utilities for configuring the Linux Ethernet bridge
ii  bsdutils          1:2.31.1-0.4ubuntu3.2  armhf
basic utilities from 4.4BSD-Lite
ii  busybox            1:1.27.2-2ubuntu3    armhf
Tiny utilities for small and embedded systems
hi  busybox-initramfs 1:1.27.2-2ubuntu3-MAE  armhf
Standalone shell setup for initramfs
ii  bzip2              1.0.6-8.1        armhf
high-quality block-sorting file compressor - utilities
ii  ca-certificates    20180409        all
Common CA certificates
ii  coreutils          8.28-1ubuntul    armhf
GNU core utilities
ii  cpio               2.12+dfsg-6      armhf
GNU cpio -- a program to manage archives of files
ii  cpufrequtils       008-1build1      armhf
utilities to deal with the cpufreq Linux kernel feature

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ii cron	3.0pl1-128.1ubuntu1	armhf
process scheduling daemon		
ii curl	7.58.0-2ubuntu3.5	armhf
command line tool for transferring data with URL syntax		
ii dash	0.5.8-2.10	armhf
POSIX-compliant shell		
ii dbus	1.12.2-1ubuntu1	armhf
simple interprocess messaging system (daemon and utilities)		
ii ddclient	3.8.3-1.1ubuntu1	all
address updating utility for dynamic DNS services		
ii debconf	1.5.66	all
Debian configuration management system		
ii debconf-i18n	1.5.66	all
full internationalization support for debconf		
ii debianutils	4.8.4	armhf
Miscellaneous utilities specific to Debian		
ii dhcpcd5	6.11.5-0ubuntu1	armhf
DHCPv4, IPv6RA and DHCPv6 client with IPv4LL support		
ii diffutils	1:3.6-1	armhf
File comparison utilities		
ii distro-info-data	0.37ubuntu0.2	all
information about the distributions' releases (data files)		
ii dns-root-data	2018013001	all
DNS root data including root zone and DNSSEC key		
ii dnsmasq	2.79-1	all
Small caching DNS proxy and DHCP/TFTP server		
ii dnsmasq-base	2.79-1	armhf
Small caching DNS proxy and DHCP/TFTP server		
ii dosfstools	4.1-1	armhf
utilities for making and checking MS-DOS FAT filesystems		
ii dpkg	1.19.0.5ubuntu2.1	armhf
Debian package management system		
ii e2fslibs:armhf	1.44.1-1	armhf
transitional package		
ii e2fsprogs	1.44.1-1	armhf
ext2/ext3/ext4 file system utilities		
ii e2fsprogs-l10n	1.44.1-1	all
ext2/ext3/ext4 file system utilities - translations		
ii easy-rsa	2.2.2-2	all
Simple shell based CA utility		
ii ebtables	2.0.10.4-3.5ubuntu2.18.04.3	armhf
Ethernet bridge frame table administration		
ii eject	2.1.5+deb1+cvs20081104-13.2	armhf
ejects CDs and operates CD-Changers under Linux		
ii ethtool	1:4.15-0ubuntu1	armhf
display or change Ethernet device settings		
ii fdisk	2.31.1-0.4ubuntu3.2	armhf
collection of partitioning utilities		
ii file	1:5.32-2ubuntu0.1	armhf
Recognize the type of data in a file using "magic" numbers		

```

ii  findutils          4.6.0+git+20170828-2      armhf
utilities for finding files--find, xargs
ii  firewalld         0.4.4.6-1                  all
dynamically managed firewall with support for network zones
ii  fuse               2.9.7-1ubuntul           armhf
Filesystem in Userspace
ii  fuse-zip          0.4.4-1                  armhf
ZIP archive mounter based on FUSE
ii  gcc-5-base:armhf   5.5.0-12ubuntul           armhf
GCC, the GNU Compiler Collection (base package)
ii  gcc-6-base:armhf   6.4.0-17ubuntul           armhf
GCC, the GNU Compiler Collection (base package)
ii  gcc-8-base:armhf   8.2.0-1ubuntu2~18.04       armhf
GCC, the GNU Compiler Collection (base package)
ii  gir1.2-glib-2.0:armhf 1.56.1-1                armhf
Introspection data for GLib, GObject, Gio and GModule
ii  gpgv               2.2.4-1ubuntul.1        armhf
GNU privacy guard - signature verification tool
ii  grep               3.1-2                   armhf
GNU grep, egrep and fgrep
ii  gzip               1.6-5ubuntul           armhf
GNU compression utilities
ii  hostname            3.20                   armhf
utility to set/show the host name or domain name
ii  i2c-tools           4.0-2                   armhf
heterogeneous set of I2C tools for Linux
ii  ifupdown            0.8.17ubuntul.1       armhf
high level tools to configure network interfaces
ii  init                1.51                   armhf
metapackage ensuring an init system is installed
ii  init-system-helpers 1.51                   all
helper tools for all init systems
hi  initramfs-tools     0.130ubuntu3.1-MAE      all
generic modular initramfs generator (automation)
hi  initramfs-tools-bin 0.130ubuntu3.1-MAE      armhf
binaries used by initramfs-tools
hi  initramfs-tools-core 0.130ubuntu3.1-MAE      all
generic modular initramfs generator (core tools)
ii  initscripts          2.88dsf-59.3ubuntu2    armhf
scripts for initializing and shutting down the system
ii  inotify-tools        3.14-2                  armhf
command-line programs providing a simple interface to inotify
ii  insserv              1.14.0-5ubuntu3        armhf
boot sequence organizer using LSB init.d script dependency information
ii  install-info          6.5.0.dfsg.1-2       armhf
Manage installed documentation in info format
ii  iperf                2.0.10+dfsg1-1ubuntu0.18.04.1  armhf
Internet Protocol bandwidth measuring tool
ii  iproute2              4.15.0-2ubuntul           armhf
networking and traffic control tools
ii  iptables              1.6.1-2ubuntu2           armhf

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administration tools for packet filtering and NAT		
ii iputils-ping	3:20161105-1ubuntu2	armhf
Tools to test the reachability of network hosts		
ii ipython3	5.5.0-1	all
Enhanced interactive Python 3 shell		
ii isc-dhcp-common	4.3.5-3ubuntu7	armhf
common manpages relevant to all of the isc-dhcp packages		
ii klibc-utils	2.0.4-9ubuntu2	armhf
small utilities built with klibc for early boot		
ii kmod	24-1ubuntu3.1	armhf
tools for managing Linux kernel modules		
ii krb5-locales	1.16-2build1	all
internationalization support for MIT Kerberos		
ii less	487-0.1	armhf
pager program similar to more		
ii libacl1:armhf	2.2.52-3build1	armhf
Access control list shared library		
ii libapparmor1:armhf	2.12-4ubuntu5.1	armhf
changehat AppArmor library		
ii libapt-inst2.0:armhf	1.6.6	armhf
deb package format runtime library		
ii libapt-pkg5.0:armhf	1.6.6	armhf
package management runtime library		
ii libargon2-0:armhf	0~20161029-1.1	armhf
memory-hard hashing function - runtime library		
ii libasn1-8-heimdal:armhf	7.5.0+dfsg-1	armhf
Heimdal Kerberos - ASN.1 library		
ii libatm1:armhf	1:2.5.1-2build1	armhf
shared library for ATM (Asynchronous Transfer Mode)		
ii libattr1:armhf	1:2.4.47-2build1	armhf
Extended attribute shared library		
ii libaudit-common	1:2.8.2-1ubuntu1	all
Dynamic library for security auditing - common files		
ii libaudit1:armhf	1:2.8.2-1ubuntu1	armhf
Dynamic library for security auditing		
ii libblkid1:armhf	2.31.1-0.4ubuntu3.2	armhf
block device ID library		
ii libbsd0:armhf	0.8.7-1	armhf
utility functions from BSD systems - shared library		
ii libbz2-1.0:armhf	1.0.6-8.1	armhf
high-quality block-sorting file compressor library - runtime		
ii libc-bin	2.27-3ubuntu1	armhf
GNU C Library: Binaries		
ii libc6:armhf	2.27-3ubuntu1	armhf
GNU C Library: Shared libraries		
ii libcap-ng0:armhf	0.7.7-3.1	armhf
An alternate POSIX capabilities library		
ii libcap2:armhf	1:2.25-1.2	armhf
POSIX 1003.1e capabilities (library)		
ii libcap2-bin	1:2.25-1.2	armhf

POSIX 1003.1e capabilities (utilities)
ii libcom-err2:armhf 1.44.1-1 armhf
common error description library
ii libcomerr2:armhf 1.44.1-1 armhf
transitional package
ii libcpufreq 0.08-1build1 armhf
shared library to deal with the cpufreq Linux kernel feature
ii libcryptsetup12:armhf 2:2.0.2-1ubuntu1.1 armhf
disk encryption support - shared library
ii libcryptsetup4:armhf 2:1.6.6-5ubuntu2.1 armhf
disk encryption support - shared library
ii libcurl4:armhf 7.58.0-2ubuntu3.5 armhf
easy-to-use client-side URL transfer library (OpenSSL flavour)
ii libdb5.3:armhf 5.3.28-13.1ubuntu1 armhf
Berkeley v5.3 Database Libraries [runtime]
ii libdbus-1-3:armhf 1.12.2-1ubuntu1 armhf
simple interprocess messaging system (library)
ii libdebconfclient0:armhf 0.213ubuntu1 armhf
Debian Configuration Management System (C-implementation library)
ii libdevmapper1.02.1:armhf 2:1.02.145-4.1ubuntu3 armhf
Linux Kernel Device Mapper userspace library
ii libdns-export162 1:9.10.3.dfsg.P4-8ubuntu1.10 armhf
Exported DNS Shared Library
ii libedit2:armhf 3.1-20170329-1 armhf
BSD editline and history libraries
ii libelf1:armhf 0.170-0.4 armhf
library to read and write ELF files
ii libestr0:armhf 0.1.10-2.1 armhf
Helper functions for handling strings (lib)
ii libexpat1:armhf 2.2.5-3 armhf
XML parsing C library - runtime library
ii libext2fs2:armhf 1.44.1-1 armhf
ext2/ext3/ext4 file system libraries
ii libfastjson4:armhf 0.99.8-2 armhf
fast json library for C
ii libfdisk1:armhf 2.31.1-0.4ubuntu3.2 armhf
fdisk partitioning library
ii libffi6:armhf 3.2.1-8 armhf
Foreign Function Interface library runtime
ii libfribidi0:armhf 0.19.7-2 armhf
Free Implementation of the Unicode BiDi algorithm
ii libfuse2:armhf 2.9.7-1ubuntu1 armhf
Filesystem in Userspace (library)
ii libgcc1:armhf 1:8.2.0-1ubuntu2~18.04 armhf
GCC support library
ii libgcrypt20:armhf 1.8.1-4ubuntu1.1 armhf
LGPL Crypto library - runtime library
ii libgdbm-compat4:armhf 1.14.1-6 armhf
GNU dbm database routines (legacy support runtime version)
ii libgdbm5:armhf 1.14.1-6 armhf
GNU dbm database routines (runtime version)

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ii	libgirepository-1.0-1:armhf	1.56.1-1	armhf
Library for handling GObject introspection data (runtime library)			
ii	libglib2.0-0:armhf	2.56.3-0ubuntu0.18.04.1	armhf
GLib library of C routines			
ii	libglib2.0-data	2.56.3-0ubuntu0.18.04.1	all
Common files for GLib library			
ii	libgmp10:armhf	2:6.1.2+dfsg-2	armhf
Multiprecision arithmetic library			
ii	libgnutls-openssl27:armhf	3.5.18-1ubuntu1	armhf
GNU TLS library - OpenSSL wrapper			
ii	libgnutls30:armhf	3.5.18-1ubuntu1	armhf
GNU TLS library - main runtime library			
ii	libgpg-error0:armhf	1.27-6	armhf
library for common error values and messages in GnuPG components			
ii	libgssapi-krb5-2:armhf	1.16-2build1	armhf
MIT Kerberos runtime libraries - krb5 GSS-API Mechanism			
ii	libgssapi3-heimdal:armhf	7.5.0+dfsg-1	armhf
Heimdal Kerberos - GSSAPI support library			
ii	libgudev-1.0-0:armhf	1:232-2	armhf
GObject-based wrapper library for libudev			
ii	libhcrypto4-heimdal:armhf	7.5.0+dfsg-1	armhf
Heimdal Kerberos - crypto library			
ii	libheimbase1-heimdal:armhf	7.5.0+dfsg-1	armhf
Heimdal Kerberos - Base library			
ii	libheimntlm0-heimdal:armhf	7.5.0+dfsg-1	armhf
Heimdal Kerberos - NTLM support library			
ii	libhogweed4:armhf	3.4-1	armhf
low level cryptographic library (public-key cryptos)			
ii	libhx509-5-heimdal:armhf	7.5.0+dfsg-1	armhf
Heimdal Kerberos - X509 support library			
ii	libi2c0:armhf	4.0-2	armhf
userspace I2C programming library			
ii	libicu60:armhf	60.2-3ubuntu3	armhf
International Components for Unicode			
ii	libidn11:armhf	1.33-2.1ubuntu1	armhf
GNU Libidn library, implementation of IETF IDN specifications			
ii	libidn2-0:armhf	2.0.4-1.1build2	armhf
Internationalized domain names (IDNA2008/TR46) library			
ii	libinotifytools0	3.14-2	armhf
utility wrapper around inotify			
ii	libio-socket-ssl-perl	2.056-1	all
Perl module implementing object oriented interface to SSL sockets			
ii	libip4tc0:armhf	1.6.1-2ubuntu2	armhf
netfilter libip4tc library			
ii	libip6tc0:armhf	1.6.1-2ubuntu2	armhf
netfilter libip6tc library			
ii	libiptc0:armhf	1.6.1-2ubuntu2	armhf
netfilter libiptc library			
ii	libisc-export160	1:9.10.3.dfsg.P4-8ubuntu1.10	armhf
Exported ISC Shared Library			

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ii  libjson-c2:armhf          0.11-4ubuntu2           armhf
JSON manipulation library - shared library
ii  libjson-c3:armhf          0.12.1-1.3            armhf
JSON manipulation library - shared library
ii  libk5crypto3:armhf         1.16-2build1           armhf
MIT Kerberos runtime libraries - Crypto Library
ii  libkeyutils1:armhf         1.5.9-9.2ubuntu2        armhf
Linux Key Management Utilities (library)
ii  libklibc                  2.0.4-9ubuntu2           armhf
minimal libc subset for use with initramfs
ii  libkmod2:armhf             24-1ubuntu3.1           armhf
libkmod shared library
ii  libkrb5-26-heimdal:armhf   7.5.0+dfsg-1            armhf
Heimdal Kerberos - libraries
ii  libkrb5-3:armhf            1.16-2build1           armhf
MIT Kerberos runtime libraries
ii  libkrb5support0:armhf     1.16-2build1           armhf
MIT Kerberos runtime libraries - Support library
ii  libldap-2.4-2:armhf        2.4.45+dfsg-1ubuntu1  armhf
OpenLDAP libraries
ii  libldap-common             2.4.45+dfsg-1ubuntu1  all
OpenLDAP common files for libraries
ii  liblocale-gettext-perl     1.07-3build2           armhf
module using libc functions for internationalization in Perl
ii  liblz4-1:armhf              0.0~r131-2ubuntu3        armhf
Fast LZ compression algorithm library - runtime
ii  liblzma5:armhf              5.2.2-1.3            armhf
XZ-format compression library
ii  liblzo2-2:armhf              2.08-1.2            armhf
data compression library
ii  libmagic-mgc                1:5.32-2ubuntu0.1       armhf
File type determination library using "magic" numbers (compiled magic file)
ii  libmagic1:armhf              1:5.32-2ubuntu0.1       armhf
Recognize the type of data in a file using "magic" numbers - library
ii  libmbim-glib4:armhf          1.14.2-2.1ubuntu1        armhf
Support library to use the MBIM protocol
ii  libmbim-proxy                1.14.2-2.1ubuntu1        armhf
Proxy to communicate with MBIM ports
ii  libmnlo:armhf                 1.0.4-2            armhf
minimalistic Netlink communication library
ii  libmodbus5:armhf              3.0.6-2            armhf
library for the Modbus protocol
ii  libmount1:armhf               2.31.1-0.4ubuntu3.2  armhf
device mounting library
ii  libmpdec2:armhf                2.4.2-1ubuntu1        armhf
library for decimal floating point arithmetic (runtime library)
ii  libncurses5:armhf              6.1-1ubuntu1.18.04      armhf
shared libraries for terminal handling
ii  libncursesw5:armhf             6.1-1ubuntu1.18.04      armhf
shared libraries for terminal handling (wide character support)
ii  libnet-libidn-perl             0.12.ds-2build4        armhf

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Perl bindings for GNU Libidn		
ii libnet-ssleay-perl	1.84-1build1	armhf
Perl module for Secure Sockets Layer (SSL)		
ii libnetfilter-conntrack3:armhf	1.0.6-2	armhf
Netfilter netlink-conntrack library		
ii libnettle6:armhf	3.4-1	armhf
low level cryptographic library (symmetric and one-way cryptos)		
ii libnewt0.52:armhf	0.52.20-1ubuntu1	armhf
Not Erik's Windowing Toolkit - text mode windowing with slang		
ii libnfnetlink0:armhf	1.0.1-3	armhf
Netfilter netlink library		
ii libnghttp2-14:armhf	1.30.0-1ubuntu1	armhf
library implementing HTTP/2 protocol (shared library)		
ii libnginx-mod-http-echo	1.14.0-0ubuntu1.2	armhf
Bring echo and more shell style goodies to Nginx		
ii libnih1:armhf	1.0.3-6ubuntu2	armhf
NIH Utility Library		
ii libopts25:armhf	1:5.18.12-4	armhf
automated option processing library based on autogen		
ii libp11-kit0:armhf	0.23.9-2	armhf
library for loading and coordinating access to PKCS#11 modules - runtime		
ii libpam-modules:armhf	1.1.8-3.6ubuntu2	armhf
Pluggable Authentication Modules for PAM		
ii libpam-modules-bin	1.1.8-3.6ubuntu2	armhf
Pluggable Authentication Modules for PAM - helper binaries		
ii libpam-runtime	1.1.8-3.6ubuntu2	all
Runtime support for the PAM library		
ii libpam-systemd:armhf	237-3ubuntu10.6	armhf
system and service manager - PAM module		
ii libpam0g:armhf	1.1.8-3.6ubuntu2	armhf
Pluggable Authentication Modules library		
ii libpcap0.8:armhf	1.8.1-6ubuntu1	armhf
system interface for user-level packet capture		
ii libpcre3:armhf	2:8.39-9	armhf
Old Perl 5 Compatible Regular Expression Library - runtime files		
ii libperl5.26:armhf	5.26.1-6ubuntu0.2	armhf
shared Perl library		
ii libpipeline1:armhf	1.5.0-1	armhf
Pipeline manipulation library		
ii libpkcs11-helper1:armhf	1.22-4	armhf
library that simplifies the interaction with PKCS#11		
ii libpng12-0:armhf	1.2.54-1ubuntu1	armhf
PNG library - runtime		
ii libpolkit-agent-1-0:armhf	0.105-20ubuntu0.18.04.1	armhf
PolicyKit Authentication Agent API		
ii libpolkit-backend-1-0:armhf	0.105-20ubuntu0.18.04.1	armhf
PolicyKit backend API		
ii libpolkit-gobject-1-0:armhf	0.105-20ubuntu0.18.04.1	armhf
PolicyKit Authorization API		
ii libpopt0:armhf	1.16-11	armhf

lib for parsing cmdline parameters
ii libprocps4:armhf 2:3.3.10-4ubuntu2.3 armhf
library for accessing process information from /proc
ii libprocps6:armhf 2:3.3.12-3ubuntu1.1 armhf
library for accessing process information from /proc
ii libpsl5:armhf 0.19.1-5build1 armhf
Library for Public Suffix List (shared libraries)
ii libpython3-stdlib:armhf 3.6.5-3ubuntu1 armhf
interactive high-level object-oriented language (default python3 version)
ii libpython3.6-minimal:armhf 3.6.6-1~18.04 armhf
Minimal subset of the Python language (version 3.6)
ii libpython3.6-stdlib:armhf 3.6.6-1~18.04 armhf
Interactive high-level object-oriented language (standard library, version 3.6)
ii libqmi-glib5:armhf 1.20.0-1.1ubuntu1 armhf
Support library to use the Qualcomm MSM Interface (QMI) protocol
ii libqmi-proxy 1.20.0-1.1ubuntu1 armhf
Proxy to communicate with QMI ports
ii libqmi-utils 1.20.0-1.1ubuntu1 armhf
Utilities to use the QMI protocol from the command line
ii libreadline6:armhf 6.3-8ubuntu2 armhf
GNU readline and history libraries, run-time libraries
ii libreadline7:armhf 7.0-3 armhf
GNU readline and history libraries, run-time libraries
ii libroken18-heimdal:armhf 7.5.0+dfsg-1 armhf
Heimdal Kerberos - roken support library
ii librtmp1:armhf 2.4+20151223.gitfa8646d.1-1 armhf
toolkit for RTMP streams (shared library)
ii libsasl2-2:armhf 2.1.27~101-g0780600+dfsg-3ubuntu2 armhf
Cyrus SASL - authentication abstraction library
ii libsasl2-modules:armhf 2.1.27~101-g0780600+dfsg-3ubuntu2 armhf
Cyrus SASL - pluggable authentication modules
ii libsasl2-modules-db:armhf 2.1.27~101-g0780600+dfsg-3ubuntu2 armhf
Cyrus SASL - pluggable authentication modules (DB)
ii libseccomp2:armhf 2.3.1-2.1ubuntu4 armhf
high level interface to Linux seccomp filter
ii libselinux1:armhf 2.7-2build2 armhf
SELinux runtime shared libraries
ii libsemanage-common 2.7-2build2 all
Common files for SELinux policy management libraries
ii libsemanage1:armhf 2.7-2build2 armhf
SELinux policy management library
ii libsepoll1:armhf 2.7-1 armhf
SELinux library for manipulating binary security policies
ii libslang2:armhf 2.3.1a-3ubuntu1 armhf
S-Lang programming library - runtime version
ii libsmartcols1:armhf 2.31.1-0.4ubuntu3.2 armhf
smart column output alignment library
ii libsqlite3-0:armhf 3.22.0-1 armhf
SQLite 3 shared library
ii libss2:armhf 1.44.1-1 armhf

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command-line interface parsing library		
ii libssl1.0.0:armhf	1.0.2n-1ubuntu5.1	armhf
Secure Sockets Layer toolkit - shared libraries		
ii libssl1.1:armhf	1.1.0g-2ubuntu4.1	armhf
Secure Sockets Layer toolkit - shared libraries		
ii libstdc++6:armhf	8.2.0-1ubuntu2~18.04	armhf
GNU Standard C++ Library v3		
ii libsystemd0:armhf	237-3ubuntu10.6	armhf
systemd utility library		
ii libtasn1-6:armhf	4.13-2	armhf
Manage ASN.1 structures (runtime)		
ii libtext-charwidth-perl	0.04-7.1	armhf
get display widths of characters on the terminal		
ii libtext-iconv-perl	1.7-5build6	armhf
converts between character sets in Perl		
ii libtext-wrapi18n-perl	0.06-7.1	all
internationalized substitute of Text::Wrap		
ii libtinfo5:armhf	6.1-1ubuntu1.18.04	armhf
shared low-level terminfo library for terminal handling		
ii libudev1:armhf	237-3ubuntu10.6	armhf
libudev shared library		
ii libunistring2:armhf	0.9.9-0ubuntu1	armhf
Unicode string library for C		
ii libusb-0.1-4:armhf	2:0.1.12-31	armhf
userspace USB programming library		
ii libusb-1.0-0:armhf	2:1.0.21-2	armhf
userspace USB programming library		
ii libustr-1.0-1:armhf	1.0.4-6	armhf
Micro string library: shared library		
ii libuuid1:armhf	2.31.1-0.4ubuntu3.2	armhf
Universally Unique ID library		
ii libwind0-heimdal:armhf	7.5.0+dfsg-1	armhf
Heimdal Kerberos - stringprep implementation		
ii libwrap0:armhf	7.6.q-27	armhf
Wietse Venema's TCP wrappers library		
ii libxml2:armhf	2.9.4+dfsg1-6.1ubuntu1.2	armhf
GNOME XML library		
ii libxtables11:armhf	1.6.0-2ubuntu3	armhf
netfilter xtables library		
ii libxtables12:armhf	1.6.1-2ubuntu2	armhf
netfilter xtables library		
ii libzip4:armhf	1.1.2-1.1	armhf
library for reading, creating, and modifying zip archives (runtime)		
ii libzstd1:armhf	1.3.3+dfsg-2ubuntu1	armhf
fast lossless compression algorithm		
ii linux-base	4.5ubuntu1	all
Linux image base package		
ii locales	2.27-3ubuntu1	all
GNU C Library: National Language (locale) data [support]		
ii login	1:4.5-1ubuntu1	armhf

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system login tools
ii logrotate           3.11.0-0.1ubuntu1      armhf
Log rotation utility
ii lrzs2              0.12.21-8build1       armhf
Tools for zmodem/xmodem/ymodem file transfer
ii lsb-base            9.20170808ubuntu1     all
Linux Standard Base init script functionality
ii lsb-release         9.20170808ubuntu1     all
Linux Standard Base version reporting utility
ii lsof                4.89+dfsg-0.1        armhf
Utility to list open files
ii makedev             2.3.1-93ubuntu2      all
creates device files in /dev
ii mawk                1.3.3-17ubuntu3      armhf
a pattern scanning and text processing language
ii mime-support         3.60ubuntu1        all
MIME files 'mime.types' & 'mailcap', and support programs
ii minicom              2.7.1-1            armhf
Friendly menu driven serial communication program
ii mount                2.31.1-0.4ubuntu3.2   armhf
tools for mounting and manipulating filesystems
ii mtd-utils            1:2.0.1-1ubuntu3     armhf
Memory Technology Device Utilities
ii multiarch-support    2.27-3ubuntu1       armhf
Transitional package to ensure multiarch compatibility
ii nano                 2.9.3-2            armhf
small, friendly text editor inspired by Pico
ii ncurses-base          6.1-1ubuntu1.18.04   all
basic terminal type definitions
ii ncurses-bin           6.1-1ubuntu1.18.04   armhf
terminal-related programs and man pages
ii ncurses-term          6.1-1ubuntu1.18.04   all
additional terminal type definitions
ii net-tools              1.60+git20161116.90da8a0-1ubuntu1 armhf
NET-3 networking toolkit
ii netbase               5.4                  all
Basic TCP/IP networking system
ii netcat-openbsd         1.187-1ubuntu0.1     armhf
TCP/IP swiss army knife
ii nginx-common           1.14.0-0ubuntu1.2    all
small, powerful, scalable web/proxy server - common files
ii nginx-light            1.14.0-0ubuntu1.2    armhf
nginx web/proxy server (basic version)
ii ntp                   1:4.2.8p10+dfsg-5ubuntu7.1  armhf
Network Time Protocol daemon and utility programs
ii ntpdate               1:4.2.8p10+dfsg-5ubuntu7.1  armhf
client for setting system time from NTP servers
ii openssh-client         1:7.6p1-4ubuntu0.1     armhf
secure shell (SSH) client, for secure access to remote machines
ii openssh-server         1:7.6p1-4ubuntu0.1     armhf
secure shell (SSH) server, for secure access from remote machines

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ii openssh-sftp-server	1:7.6p1-4ubuntu0.1	armhf
secure shell (SSH) sftp server module, for SFTP access from remote machines		
ii openssl	1.1.0g-2ubuntu4.1	armhf
Secure Sockets Layer toolkit - cryptographic utility		
ii openvpn	2.4.4-2ubuntu1.1	armhf
virtual private network daemon		
ii passwd	1:4.5-1ubuntu1	armhf
change and administer password and group data		
ii perl	5.26.1-6ubuntu0.2	armhf
Larry Wall's Practical Extraction and Report Language		
ii perl-base	5.26.1-6ubuntu0.2	armhf
minimal Perl system		
ii perl-modules-5.26	5.26.1-6ubuntu0.2	all
Core Perl modules		
ii perl-openssl-defaults:armhf	3build1	armhf
version compatibility baseline for Perl OpenSSL packages		
ii policykit-1	0.105-2ubuntu0.18.04.1	armhf
framework for managing administrative policies and privileges		
ii ppp	2.4.7-2+2ubuntu1.1	armhf
Point-to-Point Protocol (PPP) - daemon		
ii procps	2:3.3.12-3ubuntu1.1	armhf
/proc file system utilities		
ii psmisc	23.1-1	armhf
utilities that use the proc file system		
ii publicsuffix	20180223.1310-1	all
accurate, machine-readable list of domain name suffixes		
ii python3	3.6.5-3ubuntu1	armhf
interactive high-level object-oriented language (default python3 version)		
ii python3-bottle	0.12.13-1	all
fast and simple WSGI-framework for Python3		
ii python3-certifi	2018.1.18-2	all
root certificates for validating SSL certs and verifying TLS hosts (python3)		
ii python3-chardet	3.0.4-1	all
universal character encoding detector for Python3		
ii python3-dbus	1.2.6-1	armhf
simple interprocess messaging system (Python 3 interface)		
ii python3-decorator	4.1.2-1	all
simplify usage of Python decorators by programmers		
ii python3-gi	3.26.1-2	armhf
Python 3 bindings for gobject-introspection libraries		
ii python3-idna	2.6-1	all
Python IDNA2008 (RFC 5891) handling (Python 3)		
ii python3-inotify-simple	1.1.1-1	all
A simple wrapper around inotify. No fancy bells and whistles		
ii python3-ipyp	1:0.83-1	all
Python3 module for handling IPv4 and IPv6 addresses and networks		
ii python3-ipython	5.5.0-1	all
Enhanced interactive Python shell (Python 3 version)		
ii python3-ipython-genutils	0.2.0-1	all
IPython vestigial utilities for Python 3		

ii python3-mako	1.0.7+ds1-1	all
fast and lightweight templating for the Python 3 platform		
ii python3-markupsafe	1.0-1build1	armhf
HTML/XHTML/XML string library for Python 3		
ii python3-minimal	3.6.5-3ubuntul	armhf
minimal subset of the Python language (default python3 version)		
ii python3-pexpect	4.2.1-1	all
Python 3 module for automating interactive applications		
ii python3-pickleshare	0.7.4-2	all
File system based database that uses Python pickles for Python 3		
ii python3-pkg-resources	39.0.1-2	all
Package Discovery and Resource Access using pkg_resources		
ii python3-prompt-toolkit	1.0.15-1	all
library for building interactive command lines (Python 3)		
ii python3-ptyprocess	0.5.2-1	all
Run a subprocess in a pseudo terminal from Python 3		
ii python3-pygments	2.2.0+dfsg-1	all
syntax highlighting package written in Python 3		
ii python3-pyinotify	0.9.6-1	all
simple Linux inotify Python bindings		
ii python3-pylibmodbus	0.0.4-1	all
Python wrapper for libmodbus		
ii python3-requests	2.18.4-2ubuntu0.1	all
elegant and simple HTTP library for Python3, built for human beings		
ii python3-selinux	2.7-2build2	armhf
Python3 bindings to SELinux shared libraries		
ii python3-serial	3.4-2	all
pyserial - module encapsulating access for the serial port		
ii python3-setproctitle:armhf	1.1.10-1build2	armhf
Setproctitle implementation for Python 3		
ii python3-simplegeneric	0.8.1-1	all
simple generic functions for Python3		
ii python3-six	1.11.0-2	all
Python 2 and 3 compatibility library (Python 3 interface)		
ii python3-slip	0.6.5-2	all
miscellaneous convenience, extension and workaround code for Python		
ii python3-slip-dbus	0.6.5-2	all
convenience functions for D-Bus services		
ii python3-traitlets	4.3.2-1	all
Lightweight Traits-like package for Python 3		
ii python3-urllib3	1.22-1	all
HTTP library with thread-safe connection pooling for Python3		
ii python3-wcwidth	0.1.7+dfsg1-1	all
determine printable width of a string on a terminal (Python 3)		
ii python3.6	3.6.6-1~18.04	armhf
Interactive high-level object-oriented language (version 3.6)		
ii python3.6-minimal	3.6.6-1~18.04	armhf
Minimal subset of the Python language (version 3.6)		
ii read-edid	3.0.2-1build1	armhf
hardware information-gathering tool for VESA PnP monitors		
ii readline-common	7.0-3	all

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GNU readline and history libraries, common files		
ii resolvconf	1.79ubuntu10	all
name server information handler		
ii rsyslog	8.32.0-1ubuntu4	armhf
reliable system and kernel logging daemon		
ii sed	4.4-2	armhf
GNU stream editor for filtering/transforming text		
ii sensible-utils	0.0.12	all
Utilities for sensible alternative selection		
ii shared-mime-info	1.9-2	armhf
FreeDesktop.org shared MIME database and spec		
ii socat	1.7.3.2-2ubuntu2	armhf
multipurpose relay for bidirectional data transfer		
ii sqlite3	3.22.0-1	armhf
Command line interface for SQLite 3		
ii ssh	1:7.6p1-4ubuntu0.1	all
secure shell client and server (metapackage)		
ii ssh-import-id	5.7-0ubuntu1.1	all
securely retrieve an SSH public key and install it locally		
ii ssmtp	2.64-8ubuntu2	armhf
extremely simple MTA to get mail off the system to a mail hub		
ii strace	4.21-1ubuntu1	armhf
System call tracer		
ii sudo	1.8.21p2-3ubuntu1	armhf
Provide limited super user privileges to specific users		
ii systemd	237-3ubuntu10.6	armhf
system and service manager		
ii systemd-sysv	237-3ubuntu10.6	armhf
system and service manager - SysV links		
ii sysv-rc	2.88dsf-59.3ubuntu2	all
System-V-like runlevel change mechanism		
ii sysvinit-utils	2.88dsf-59.10ubuntu1	armhf
System-V-like utilities		
ii tar	1.29b-2	armhf
GNU version of the tar archiving utility		
ii tcpdump	4.9.2-3	armhf
command-line network traffic analyzer		
ii traceroute	1:2.1.0-2	armhf
Traces the route taken by packets over an IPv4/IPv6 network		
ii tzdata	2018g-0ubuntu0.18.04	all
time zone and daylight-saving time data		
ii ubuntu-keyring	2018.02.28	all
GnuPG keys of the Ubuntu archive		
ii ucf	3.0038	all
Update Configuration File(s): preserve user changes to config files		
ii udev	237-3ubuntu10.6	armhf
/dev/ and hotplug management daemon		
ii udhcpc	1:1.27.2-2ubuntu3	armhf
Provides the busybox DHCP client implementation		
ii unzip	6.0-21ubuntu1	armhf

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De-archiver for .zip files
ii  usb-modeswitch           2.5.2+repack0-2ubuntul      armhf
mode switching tool for controlling "flip flop" USB devices
ii  usb-modeswitch-data     20170806-2                  all
mode switching data for usb-modeswitch
ii  usbutils                 1:007-4build1            armhf
Linux USB utilities
ii  util-linux                2.31.1-0.4ubuntu3.2    armhf
miscellaneous system utilities
ii  vim-common               2:8.0.1453-1ubuntul      all
Vi IMproved - Common files
ii  vim-tiny                 2:8.0.1453-1ubuntul      armhf
Vi IMproved - enhanced vi editor - compact version
ii  wget                      1.19.4-1ubuntu2.1       armhf
retrieves files from the web
ii  whiptail                  0.52.20-1ubuntul        armhf
Displays user-friendly dialog boxes from shell scripts
ii  xxd                      2:8.0.1453-1ubuntul      armhf
tool to make (or reverse) a hex dump
ii  xz-utils                  5.2.2-1.3                armhf
XZ-format compression utilities
ii  zip                       3.0-11build1            armhf
Archiver for .zip files
ii  zlib1g:armhf              1:1.2.11.dfsg-0ubuntu2   armhf
compression library - runtime
ii  zram-config                0.5                     all
Upstart job to enable zram support

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