

CONTENU DE LA VERSION "2017-09-07-raspbian-stretch.img"

Name	Version	Architecture	Description
adduser	3.115	all	add and remove users and groups
adwaita-icon-theme	3.22.0-1+deb9u1	all	default icon theme of GNOME
alacarte	3.11.91-2+rpi5	all	easy GNOME menu editing tool
alsa-base	1.0.27+1	all	dummy package to ease purging of obsolete conffiles
alsa-utils	1.1.3-1	armhf	Utilities for configuring and using ALSA
apt	1.4.7	armhf	commandline package manager
apt-listchanges	3.10	all	package change history notification tool
apt-transport-https	1.4.7	armhf	https download transport for APT
apt-utils	1.4.7	armhf	package management related utility programs
aptitude	0.8.7-1	armhf	terminal-based package manager
aptitude-common	0.8.7-1	all	architecture independent files for the aptitude package manager
aspell	0.60.7~20110707-3	armhf	GNU Aspell spell-checker
aspell-en	2016.11.20-0.0.1	all	English dictionary for GNU Aspell
avahi-daemon	0.6.32-2	armhf	Avahi mDNS/DNS-SD daemon
base-files	9.9+rpi1+deb9u1	armhf	Debian base system miscellaneous files
base-passwd	3.5.43	armhf	Debian base system master password and group files
bash	4.4-5	armhf	GNU Bourne Again SHell
bash-completion	1:2.1-4.3	all	programmable completion for the bash shell
bind9-host	1:9.10.3.dfsg.P4-12.3+deb9u2	armhf	Version of 'host' bundled with BIND 9.X
binutils	2.28-5	armhf	GNU assembler, linker and binary utilities
blends-tasks	0.6.96	all	Debian Pure Blends tasks for new installations
blt	2.5.3+dfsg-3	armhf	graphics extension library for Tcl/Tk - run-time
bluealsa	0.4	armhf	Bluetooth ALSA Audio backend
bluej	3.1.7b	all	A simple but powerful Java IDE.
bluez	5.43-2+rpi1	armhf	Bluetooth tools and daemons
bluez-firmware	1.2-3+rpi2	all	Firmware for Bluetooth devices
bsdmainutils	9.0.12+nmul	armhf	collection of more utilities from FreeBSD
bsdutils	1:2.29.2-1	armhf	basic utilities from 4.4BSD-Lite
build-essential	12.3	armhf	Informational list of build-essential packages
bzip2	1.0.6-8.1	armhf	high-quality block-sorting file compressor - utilities
ca-certificates	20161130+nmul	all	Common CA certificates
chromium-browser	60.0.3112.89-0ubuntu0.14.04.1.1010	armhf	Chromium web browser, open-source version of Chrome
cifs-utils	2:6.7-1	armhf	Common Internet File System utilities
claws-mail	3.14.1-3	armhf	Fast, lightweight and user-friendly GTK+2 based email client
claws-mail-il8n	3.14.1-3	all	Locale data for Claws Mail (il8n support)
coinor-libcbc3	2.8.12-1+b1	armhf	Coin-or branch-and-cut mixed integer programming solver (shared libraries)
coinor-libcgl1	0.58.9-1+b1	armhf	COIN-OR Cut Generation Library
coinor-libclpl	1.15.10-3	armhf	Coin-or linear programming solver (shared libraries)
coinor-libcoinmplv5:armhf	1.7.6+dfsg1-2	armhf	Simple C API for COIN-OR Solvers Clp and Cbc -- library
coinor-libcoinutils3v5	2.9.15-4	armhf	Coin-or collection of utility classes (binaries and libraries)
coinor-libipopt1v5	3.11.9-2.1	armhf	Interior-Point Optimizer, for large-scale nonlinear optimization
coinor-libosilv5	0.106.9-2	armhf	COIN-OR Open Solver Interface
console-setup	1.164	all	console font and keymap setup program
console-setup-linux	1.164	all	Linux specific part of console-setup
coreutils	8.26-3	armhf	GNU core utilities
cpio	2.11+dfsg-6	armhf	GNU cpio -- a program to manage archives of files
cpp	4:6.3.0-4	armhf	GNU C preprocessor (cpp)
cpp-6	6.3.0-18+rpi1	armhf	GNU C preprocessor
crda	3.18-1	armhf	wireless Central Regulatory Domain Agent
cron	3.0p11-128	armhf	process scheduling daemon
cups-bsd	2.2.1-8	armhf	Common UNIX Printing System(tm) - BSD commands
cups-client	2.2.1-8	armhf	Common UNIX Printing System(tm) - client programs (SysV)
cups-common	2.2.1-8	all	Common UNIX Printing System(tm) - common files
curl	7.52.1-5	armhf	command line tool for transferring data with URL syntax
dash	0.5.8-2.4	armhf	POSIX-compliant shell
dbus	1.10.18-1	armhf	simple interprocess messaging system (daemon and utilities)
dbus-user-session	1.10.18-1	all	simple interprocess messaging system (systemd --user integration)
dbus-x11	1.10.18-1	armhf	simple interprocess messaging system (X11 deps)
dc	1.06.95-9	armhf	GNU dc arbitrary precision reverse-polish calculator

ii	dconf-gsettings-backend:armhf	0.26.0-2	armhf	simple configuration storage system - GSettings back-end
ii	dconf-service	0.26.0-2	armhf	simple configuration storage system - D-Bus service
ii	debconf	1.5.61	all	Debian configuration management system
ii	debconf-i18n	1.5.61	all	full internationalization support for debconf
ii	debconf-utils	1.5.61	all	debconf utilities
ii	debian-reference-common	2.68	all	Debian system administration guide, common files
ii	debian-reference-en	2.68	all	Debian system administration guide, English original
ii	debiannutils	4.8.1.1	armhf	Miscellaneous utilities specific to Debian
ii	desktop-base	9.0.2	all	common files for the Debian Desktop
ii	desktop-file-utils	0.23-1	armhf	Utilities for .desktop files
ii	device-tree-compiler	1.4.4-1	armhf	Device Tree Compiler for Flat Device Trees
ii	dh-python	2.20170125	all	Debian helper tools for packaging Python libraries and applications
ii	dhcpcd5	1:6.10.1-1+rpi3	armhf	DHCPv4, IPv6RA and DHCPv6 client with IPv4LL support
ii	dictionaries-common	1.27.2	all	spelling dictionaries - common utilities
ii	diffutils	1:3.5-3	armhf	File comparison utilities
ii	dillo	3.0.5-3	armhf	Small and fast web browser
ii	distro-info-data	0.36	all	information about the distributions' releases (data files)
ii	dmidecode	3.0-4	armhf	SMBIOS/DMI table decoder
ii	dmsetup	2:1.02.137-2	armhf	Linux Kernel Device Mapper userspace library
ii	dosfstools	4.1-1	armhf	utilities for making and checking MS-DOS FAT filesystems
ii	dphys-swapfile	20100506-3	all	Autogenerate and use a swap file
ii	dpkg	1.18.24	armhf	Debian package management system
ii	dpkg-dev	1.18.24	all	Debian package development tools
ii	e2fslibs:armhf	1.43.4-2	armhf	ext2/ext3/ext4 file system libraries
ii	e2fsprogs	1.43.4-2	armhf	ext2/ext3/ext4 file system utilities
ii	ed	1.10-2.1	armhf	classic UNIX line editor
ii	emacsen-common	2.0.8	all	Common facilities for all emacsen
ii	epiphany-browser	1:3.8.2.0-0rpi28	armhf	Intuitive GNOME web browser
ii	epiphany-browser-data	1:3.8.2.0-0rpi28	all	Data files for the GNOME web browser
ii	erlang-base	1:19.2.1+dfsg-2	armhf	Erlang/OTP virtual machine and base applications
ii	erlang-crypto	1:19.2.1+dfsg-2	armhf	Erlang/OTP cryptographic modules
ii	erlang-syntax-tools	1:19.2.1+dfsg-2	armhf	Erlang/OTP modules for handling abstract Erlang syntax trees
ii	esound-common	0.2.41-11	all	Enlightened Sound Daemon - Common files
ii	fake-hwclock	0.11	all	Save/restore system clock on machines without working RTC hardware
ii	fakeroot	1.21-3.1	armhf	tool for simulating superuser privileges
ii	fbset	2.1-29	armhf	framebuffer device maintenance program
ii	file	1:5.30-1+deb9u1	armhf	Recognize the type of data in a file using "magic" numbers
ii	findutils	4.6.0+git+20161106-2	armhf	utilities for finding files--find, xargs
ii	firmware-atheros	1:20161130-3+rpi2	all	Binary firmware for Atheros wireless cards
ii	firmware-brcm80211	1:20161130-3+rpi2	all	Binary firmware for Broadcom 802.11 wireless cards
ii	firmware-libertas	1:20161130-3+rpi2	all	Binary firmware for Marvell wireless cards
ii	firmware-misc-nonfree	1:20161130-3+rpi2	all	Binary firmware for various drivers in the Linux kernel
ii	firmware-realtek	1:20161130-3+rpi2	all	Binary firmware for Realtek wired/wifi/BT adapters
ii	fontconfig	2.11.0-6.7	armhf	generic font configuration library - support binaries
ii	fontconfig-config	2.11.0-6.7	all	generic font configuration library - configuration
ii	fontconfig-infinality	20130104-0ubuntu0ppal+rpi	all	Packages up http://www.infinality.net/fedora/linux/zips/fontconfig-infinality-1-20130104_1.tar.bz2
ii	fonts-dejavu	2.37-1	all	metapackage to pull in fonts-dejavu-core and fonts-dejavu-extra
ii	fonts-dejavu-core	2.37-1	all	Vera font family derivate with additional characters
ii	fonts-dejavu-extra	2.37-1	all	Vera font family derivate with additional characters (extra variants)
ii	fonts-droid-fallback	1:6.0.1r16-1.1	all	handheld device font with extensive style and language support (fallback)
ii	fonts-freefont-ttf	20120503-6	all	Freefont Serif, Sans and Mono TrueType fonts
ii	fonts-lato	2.0-1	all	sans-serif typeface family font
ii	fonts-liberation2	2.00.1-3	all	Fonts with the same metrics as Times, Arial and Courier (v2)
ii	fonts-noto-mono	20161116-1	all	"No Tofu" monospaced font family with large Unicode coverage
ii	fonts-opensymbol	2:102.7+Libo5.2.7-1+rpi1	all	OpenSymbol TrueType font
ii	fonts-piboto	1.0	all	sans-serif font family released with Android Ice Cream Sandwich
ii	freepats	20060219-1	all	Free patch set for MIDI audio synthesis
ii	fuse	2.9.7-1	armhf	Filesystem in Userspace
ii	g++	4:6.3.0-4	armhf	GNU C++ compiler
ii	g++-6	6.3.0-18+rpi1	armhf	GNU C++ compiler
ii	galculator	2.1.4-1	armhf	scientific calculator
ii	gcc	4:6.3.0-4	armhf	GNU C compiler
ii	gcc-4.6-base:armhf	4.6.4-5+rpi1	armhf	GCC, the GNU Compiler Collection (base package)
ii	gcc-4.7-base:armhf	4.7.3-11+rpi1	armhf	GCC, the GNU Compiler Collection (base package)

gcc-4.8-base:armhf	4.8.5-4	armhf	GCC, the GNU Compiler Collection (base package)
gcc-4.9-base:armhf	4.9.3-14	armhf	GCC, the GNU Compiler Collection (base package)
gcc-5-base:armhf	5.4.1-4	armhf	GCC, the GNU Compiler Collection (base package)
gcc-6	6.3.0-18+rpil	armhf	GNU C compiler
gcc-6-base:armhf	6.3.0-18+rpil	armhf	GCC, the GNU Compiler Collection (base package)
gconf-service	3.2.6-4	armhf	GNOME configuration database system (D-Bus service)
gconf2	3.2.6-4	armhf	GNOME configuration database system (support tools)
gconf2-common	3.2.6-4	all	GNOME configuration database system (common files)
gdb	7.12-6	armhf	GNU Debugger
geany	1.29-1	armhf	fast and lightweight IDE
geany-common	1.29-1	all	fast and lightweight IDE -- common files
geoiip-database	20170512-1	all	IP lookup command line tools that use the GeoIP library (country database)
gettext-base	0.19.8.1-2	armhf	GNU Internationalization utilities for the base system
glib1:armhf	1.2.4-11	armhf	wrapper library for imlib2, and other stuff
gir1.2-atk-1.0:armhf	2.22.0-1	armhf	ATK accessibility toolkit (GObject introspection)
gir1.2-freedesktop:armhf	1.50.0-1	armhf	Introspection data for some FreeDesktop components
gir1.2-gdkpixbuf-2.0:armhf	2.36.5-2	armhf	GDK Pixbuf library - GObject-Introspection
gir1.2-glib-2.0:armhf	1.50.0-1	armhf	Introspection data for GLib, GObject, Gio and GModule
gir1.2-gmenu-3.0	3.13.3-9	armhf	GObject introspection data for the GNOME menu library
gir1.2-gtk-3.0:armhf	3.22.11-1+рпи3	armhf	GTK+ graphical user interface library -- gir bindings
gir1.2-pango-1.0:armhf	1.40.5-1	armhf	Layout and rendering of internationalized text - gir bindings
git	1:2.11.0-3	armhf	fast, scalable, distributed revision control system
git-man	1:2.11.0-3	all	fast, scalable, distributed revision control system (manual pages)
gksu	2.0.2-9	armhf	graphical front-end to su and sudo
gldriver-test	0.1	armhf	Enable/disable fbturbo when OpenGL driver is used
glib-networking:armhf	2.50.0-1	armhf	network-related giomodules for GLib
glib-networking-common	2.50.0-1	all	network-related giomodules for GLib - data files
glib-networking-services	2.50.0-1	armhf	network-related giomodules for GLib - D-Bus services
gnome-desktop3-data	3.22.2-1	all	Common files for GNOME desktop apps
gnome-icon-theme	3.12.0-2	all	GNOME Desktop icon theme
gnome-menus	3.13.3-9	armhf	GNOME implementation of the freedesktop menu specification
gnome-themes-standard:armhf	3.22.2-2	armhf	Adwaita GTK+ 2 theme "engine"
gnome-themes-standard-data	3.22.2-2	all	Adwaita GTK+ 2 theme "common files"
gnupg	2.1.18-6	armhf	GNU privacy guard - a free PGP replacement
gnupg-agent	2.1.18-6	armhf	GNU privacy guard - cryptographic agent
gpgv	2.1.18-6	armhf	GNU privacy guard - signature verification tool
gpicview	0.2.5-2	armhf	lightweight image viewer
greenfoot	2.4.2a	all	A simple but powerful Java IDE.
grep	2.27-2	armhf	GNU grep, egrep and fgrep
groff-base	1.22.3-9	armhf	GNU troff text-formatting system (base system components)
gsettings-desktop-schemas	3.22.0-1	all	GSettings desktop-wide schemas
gsfonts	1:8.11+urwcyr1.0.7~pre44-4.3	all	Fonts for the Ghostscript interpreter(s)
gsfonts-x11	0.24	all	Make Ghostscript fonts available to X11
gststreamer0.10-alsa:armhf	0.10.36-2	armhf	GStreamer plugin for ALSA
gststreamer0.10-plugins-base:armhf	0.10.36-2	armhf	GStreamer plugins from the "base" set
gststreamer1.0-alsa:armhf	1.10.4-1	armhf	GStreamer plugin for ALSA
gststreamer1.0-libav:armhf	1.10.4-1	armhf	libav plugin for GStreamer
gststreamer1.0-omx	1.0.0.1-0+рпи12+jessiepmg	armhf	GStreamer OpenMAX plugins
gststreamer1.0-plugins-bad:armhf	1.10.4-1	armhf	GStreamer plugins from the "bad" set
gststreamer1.0-plugins-base:armhf	1.10.4-1	armhf	GStreamer plugins from the "base" set
gststreamer1.0-plugins-good:armhf	1.10.4-1	armhf	GStreamer plugins from the "good" set
gststreamer1.0-x:armhf	1.10.4-1	armhf	GStreamer plugins for X11 and Pango
gtk-update-icon-cache	3.22.11-1+рпи3	armhf	icon theme caching utility
gtk2-engines:armhf	1:2.20.2-3	armhf	theme engines for GTK+ 2.x
gtk2-engines-clearlookspix:armhf	1:2.20.4	armhf	clearlookspix theme for GTK+ 2.x
gtk2-engines-pixbuf:armhf	2.24.31-2	armhf	pixbuf-based theme for GTK+ 2.x
gvfs:armhf	1.30.4-1	armhf	userspace virtual filesystem - GIO module
gvfs-backends	1.30.4-1	armhf	userspace virtual filesystem - backends
gvfs-common	1.30.4-1	all	userspace virtual filesystem - common data files
gvfs-daemons	1.30.4-1	armhf	userspace virtual filesystem - servers
gvfs-fuse	1.30.4-1	armhf	userspace virtual filesystem - fuse server
gvfs-libs:armhf	1.30.4-1	armhf	userspace virtual filesystem - private libraries
gzip	1.6-5	armhf	GNU compression utilities
hardlink	0.3.0	armhf	Hardlinks multiple copies of the same file
hicolor-icon-theme	0.15-1	all	default fallback theme for FreeDesktop.org icon themes

stname	3.18	armhf	utility to set/show the host name or domain name
ii htop	2.0.2-1	armhf	interactive processes viewer
ii i2c-tools	3.1.2-3	armhf	heterogeneous set of I2C tools for Linux
ii idle	2.7.13-2	all	IDE for Python using Tkinter (default version)
ii idle-python2.7	2.7.13-2	all	IDE for Python (v2.7) using Tkinter
ii idle-python3.5	3.5.3-1	all	IDE for Python (v3.5) using Tkinter
ii idle3	3.5.3-1	all	IDE for Python using Tkinter (default version)
ii ifupdown	0.8.19	armhf	high level tools to configure network interfaces
ii info	6.3.0.dfsg.1-1+b1	armhf	Standalone GNU Info documentation browser
ii init	1.48	armhf	metapackage ensuring an init system is installed
ii init-system-helpers	1.48	all	helper tools for all init systems
ii initramfs-tools	0.130	all	generic modular initramfs generator (automation)
ii initramfs-tools-core	0.130	all	generic modular initramfs generator (core tools)
ii install-info	6.3.0.dfsg.1-1+b1	armhf	Manage installed documentation in info format
ii iproute2	4.9.0-1	armhf	networking and traffic control tools
ii iptables	1.6.0+snapshot20161117-6	armhf	administration tools for packet filtering and NAT
ii iputils-ping	3:20161105-1	armhf	Tools to test the reachability of network hosts
ii isc-dhcp-client	4.3.5-3	armhf	DHCP client for automatically obtaining an IP address
ii isc-dhcp-common	4.3.5-3	armhf	common manpages relevant to all of the isc-dhcp packages
ii iso-codes	3.75-1	all	ISO language, territory, currency, script codes and their translations
ii iw	4.9-0.1	armhf	tool for configuring Linux wireless devices
ii jackd	5	all	JACK Audio Connection Kit (default server package)
ii jackd2	1.9.10+20150825git1ed50c92~dfsg-5	armhf	JACK Audio Connection Kit (server and example clients)
ii java-common	0.58	all	Base package for Java runtimes
ii javascript-common	11	all	Base support for JavaScript library packages
ii kbd	2.0.3-2	armhf	Linux console font and keytable utilities
ii keyboard-configuration	1.164	all	system-wide keyboard preferences
ii keyutils	1.5.9-9	armhf	Linux Key Management Utilities
ii klibc-utils	2.0.4-9+rpil	armhf	small utilities built with klibc for early boot
ii kmod	23-2	armhf	tools for managing Linux kernel modules
ii laptop-detect	0.13.8	armhf	system chassis type checker
ii leafpad	0.8.18.1-5	armhf	GTK+ based simple text editor
ii less	481-2.1	armhf	pager program similar to more
ii libaa1:armhf	1.4p5-44	armhf	ASCII art library
ii libabw-0.1-1:armhf	0.1.1-4	armhf	library for reading and writing AbiWord(tm) documents
ii libacl1:armhf	2.2.52-3	armhf	Access control list shared library
ii libalgorithm-diff-perl	1.19.03-1	all	module to find differences between files
ii libalgorithm-diff-xs-perl	0.04-4+b2	armhf	module to find differences between files (XS accelerated)
ii libalgorithm-merge-perl	0.08-3	all	Perl module for three-way merge of textual data
ii libapparmor1:armhf	2.11.0-3	armhf	changehat AppArmor library
ii libapt-inst2.0:armhf	1.4.7	armhf	deb package format runtime library
ii libapt-pkg5.0:armhf	1.4.7	armhf	package management runtime library
ii libarchive13:armhf	3.2.2-2	armhf	Multi-format archive and compression library (shared library)
ii libasan3:armhf	6.3.0-18+rpil	armhf	AddressSanitizer -- a fast memory error detector
ii libasound2:armhf	1.1.3-5+rpil3	armhf	shared library for ALSA applications
ii libasound2-data	1.1.3-5+rpil3	all	Configuration files and profiles for ALSA drivers
ii libaspell15:armhf	0.60.7~20110707-3	armhf	GNU Aspell spell-checker runtime library
ii libass5:armhf	1:0.13.4-2	armhf	library for SSA/ASS subtitles rendering
ii libassuan0:armhf	2.4.3-2	armhf	IPC library for the GnuPG components
ii libasyncons0:armhf	0.8-6	armhf	Asynchronous name service query library
ii libatasmart4:armhf	0.19-4	armhf	ATA S.M.A.R.T. reading and parsing library
ii libatk-bridge2.0-0:armhf	2.22.0-2	armhf	AT-SPI 2 toolkit bridge - shared library
ii libatk1.0-0:armhf	2.22.0-1	armhf	ATK accessibility toolkit
ii libatk1.0-data	2.22.0-1	all	Common files for the ATK accessibility toolkit
ii libatomic1:armhf	6.3.0-18+rpil	armhf	support library providing __atomic built-in functions
ii libatspi2.0-0:armhf	2.22.0-6	armhf	Assistive Technology Service Provider Interface - shared library
ii libattr1:armhf	1:2.4.47-2	armhf	Extended attribute shared library
ii libaudio2:armhf	1.9.4-5	armhf	Network Audio System - shared libraries
ii libaudiofile1:armhf	0.3.6-4	armhf	Open-source version of SGI's audiofile library
ii libaudit-common	1:2.6.7-2	all	Dynamic library for security auditing - common files
ii libaudit1:armhf	1:2.6.7-2	armhf	Dynamic library for security auditing
ii libavahi-client3:armhf	0.6.32-2	armhf	Avahi client library
ii libavahi-common-data:armhf	0.6.32-2	armhf	Avahi common data files
ii libavahi-common3:armhf	0.6.32-2	armhf	Avahi common library
ii libavahi-core7:armhf	0.6.32-2	armhf	Avahi's embeddable mDNS/DNS-SD library

ii	libavahi-glib1:armhf	0.6.32-2	armhf	Avahi GLib integration library
ii	libavahi-gobject0:armhf	0.6.32-2	armhf	Avahi GObject library
ii	libavc1394-0:armhf	0.5.4-4	armhf	control IEEE 1394 audio/video devices
ii	libavcodec57:armhf	7:3.2.5-1	armhf	FFmpeg library with de/encoders for audio/video codecs - runtime files
ii	libavfilter6:armhf	7:3.2.5-1	armhf	FFmpeg library containing media filters - runtime files
ii	libavformat57:armhf	7:3.2.5-1	armhf	FFmpeg library with (de)muxers for multimedia containers - runtime files
ii	libavresample3:armhf	7:3.2.5-1	armhf	FFmpeg compatibility library for resampling - runtime files
ii	libavutil55:armhf	7:3.2.5-1	armhf	FFmpeg library with functions for simplifying programming - runtime files
ii	libbabeltrace-ctf1:armhf	1.5.1-1	armhf	Common Trace Format (CTF) library
ii	libbabeltrace1:armhf	1.5.1-1	armhf	Babeltrace conversion libraries
ii	libbind9-140:armhf	1:9.10.3.dfsg.P4-12.3+deb9u2	armhf	BIND9 Shared Library used by BIND
ii	libblas-common	3.7.0-2	armhf	Dependency package for all BLAS implementations
ii	libblas3	3.7.0-2	armhf	Basic Linear Algebra Reference implementations, shared library
ii	libblkid1:armhf	2.29.2-1	armhf	block device ID library
ii	libbluetooth3:armhf	5.43-2+rpil	armhf	Library to use the BlueZ Linux Bluetooth stack
ii	libbluray1:armhf	1:0.9.3-4	armhf	Blu-ray disc playback support library (shared library)
ii	libboost-date-time1.61.0:armhf	1.61.0+dfsg-3	armhf	set of date-time libraries based on generic programming concepts
ii	libboost-date-time1.62.0:armhf	1.62.0+dfsg-4	armhf	set of date-time libraries based on generic programming concepts
ii	libboost-file-system1.61.0:armhf	1.61.0+dfsg-3	armhf	filesystem operations (portable paths, iteration over directories, etc) in C++
ii	libboost-file-system1.62.0:armhf	1.62.0+dfsg-4	armhf	filesystem operations (portable paths, iteration over directories, etc) in C++
ii	libboost-iostreams1.58.0:armhf	1.58.0+dfsg-5.1+rpil+b1	armhf	Boost.Iostreams Library
ii	libboost-iostreams1.60.0:armhf	1.60.0+dfsg-6+b2	armhf	Boost.Iostreams Library
ii	libboost-iostreams1.61.0:armhf	1.61.0+dfsg-3	armhf	Boost.Iostreams Library
ii	libboost-iostreams1.62.0:armhf	1.62.0+dfsg-4	armhf	Boost.Iostreams Library
ii	libboost-system1.61.0:armhf	1.61.0+dfsg-3	armhf	Operating system (e.g. diagnostics support) library
ii	libboost-system1.62.0:armhf	1.62.0+dfsg-4	armhf	Operating system (e.g. diagnostics support) library
ii	libboost-thread1.62.0:armhf	1.62.0+dfsg-4	armhf	portable C++ multi-threading
ii	libbs2b0:armhf	3.1.0+dfsg-2.2	armhf	Bauer stereophonic-to-binaural DSP library
ii	libbsd0:armhf	0.8.3-1	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	2.24-11+deb9u1	armhf	GNU C Library: Binaries
ii	libc-dev-bin	2.24-11+deb9u1	armhf	GNU C Library: Development binaries
ii	libc-110n	2.24-11+deb9u1	all	GNU C Library: localization files
ii	libc6:armhf	2.24-11+deb9u1	armhf	GNU C Library: Shared libraries
ii	libc6-dbg:armhf	2.24-11+deb9u1	armhf	GNU C Library: detached debugging symbols
ii	libc6-dev:armhf	2.24-11+deb9u1	armhf	GNU C Library: Development Libraries and Header Files
ii	libcaca0:armhf	0.99.beta19-2	armhf	colour ASCII art library
ii	libcairo-gobject2:armhf	1.14.8-1+rpil	armhf	Cairo 2D vector graphics library (GObject library)
ii	libcairo2:armhf	1.14.8-1+rpil	armhf	Cairo 2D vector graphics library
ii	libcanberra-gtk3-0:armhf	0.30-3+b2	armhf	GTK+ 3.0 helper for playing widget event sounds with libcanberra
ii	libcanberra0:armhf	0.30-3+b2	armhf	simple abstract interface for playing event sounds
ii	libcap-ng0:armhf	0.7.7-3	armhf	An alternate POSIX capabilities library
ii	libcap2:armhf	1:2.25-1	armhf	POSIX 1003.1e capabilities (library)
ii	libcap2-bin	1:2.25-1	armhf	POSIX 1003.1e capabilities (utilities)
ii	libcc1-0:armhf	6.3.0-18+rpil	armhf	GCC ccl plugin for GDB
ii	libcdio-cdda1:armhf	0.83-4.3	armhf	library to read and control digital audio CDs
ii	libcdio-paranoia1:armhf	0.83-4.3	armhf	library to read digital audio CDs with error correction
ii	libcdio13:armhf	0.83-4.3	armhf	library to read and control CD-ROM
ii	libcdparanoia0:armhf	3.10.2+debian-11	armhf	audio extraction tool for sampling CDs (library)
ii	libcdr-0.1-1:armhf	0.1.3-3	armhf	library for reading and converting Corel DRAW files
ii	libchromaprint1:armhf	1.4.2-1	armhf	audio fingerprint library
ii	libclucene-contribs1v5:armhf	2.3.3.4+dfsg-1	armhf	language specific text analyzers (runtime)
ii	libclucene-core1v5:armhf	2.3.3.4+dfsg-1	armhf	core library for full-featured text search engine (runtime)
ii	libcmis-0.5-5v5	0.5.1+git20160603-3	armhf	CMIS protocol client library
ii	libcolamd2:armhf	1:4.5.4-1	armhf	column approximate minimum degree ordering library for sparse matrices
ii	libcolor2:armhf	1.3.3-2	armhf	system service to manage device colour profiles -- runtime
ii	libcomerr2:armhf	1.43.4-2	armhf	common error description library
ii	libcompfacegl	1:1.5.2-5	armhf	Compress/decompress images for mailheaders, libc6 runtime
ii	libcroco3:armhf	0.6.11-3	armhf	Cascading Style Sheet (CSS) parsing and manipulation toolkit
ii	libcryptsetup4:armhf	2:1.7.3-4	armhf	disk encryption support - shared library
ii	libcups2:armhf	2.2.1-8	armhf	Common UNIX Printing System(tm) - Core library
ii	libcupsfilters1:armhf	1.11.6-3+rpil	armhf	OpenPrinting CUPS Filters - Shared library
ii	libcupsimage2:armhf	2.2.1-8	armhf	Common UNIX Printing System(tm) - Raster image library
ii	libcurl3:armhf	7.52.1-5	armhf	easy-to-use client-side URL transfer library (OpenSSL flavour)
ii	libcurl3-gnutls:armhf	7.52.1-5	armhf	easy-to-use client-side URL transfer library (GnuTLS flavour)

ii	libwidget3v5:armhf	0.5.1b7-4	armhf	high-level terminal interface library for C++ (runtime files)
ii	libdaemon0:armhf	0.14-6	armhf	lightweight C library for daemons - runtime library
ii	libdatrie1:armhf	0.2.10-4	armhf	Double-array trie library
ii	libdb5.3:armhf	5.3.28-12	armhf	Berkeley v5.3 Database Libraries [runtime]
ii	libdbus-1-3:armhf	1.10.18-1	armhf	simple interprocess messaging system (library)
ii	libdbus-glib-1-2:armhf	0.108-2	armhf	simple interprocess messaging system (GLib-based shared library)
ii	libdc1394-22:armhf	2.2.5-1	armhf	high level programming interface for IEEE 1394 digital cameras
ii	libdca0:armhf	0.0.5-10	armhf	decoding library for DTS Coherent Acoustics streams
ii	libdconf1:armhf	0.26.0-2	armhf	simple configuration storage system - runtime library
ii	libde265-0:armhf	1.0.2-2+rpil+b4	armhf	Open H.265 video codec implementation
ii	libdebconfclient0:armhf	0.227	armhf	Debian Configuration Management System (C-implementation library)
ii	libdevmapper1.02.1:armhf	2:1.02.137-2	armhf	Linux Kernel Device Mapper userspace library
ii	libdns-export162	1:9.10.3.dfsg.P4-12.3+deb9u2	armhf	Exported DNS Shared Library
ii	libdns162:armhf	1:9.10.3.dfsg.P4-12.3+deb9u2	armhf	DNS Shared Library used by BIND
ii	libdouble-conversion1:armhf	2.0.1-4	armhf	routines to convert IEEE floats to and from strings
ii	libdpkg-perl	1.18.24	all	Dpkg perl modules
ii	libdrm-amdgpu1:armhf	2.4.74-1	armhf	Userspace interface to amdgpu-specific kernel DRM services -- runtime
ii	libdrm-freedreno1:armhf	2.4.74-1	armhf	Userspace interface to msm/kgsl kernel DRM services -- runtime
ii	libdrm-nouveau2:armhf	2.4.74-1	armhf	Userspace interface to nouveau-specific kernel DRM services -- runtime
ii	libdrm-radeon1:armhf	2.4.74-1	armhf	Userspace interface to radeon-specific kernel DRM services -- runtime
ii	libdrm2:armhf	2.4.74-1	armhf	Userspace interface to kernel DRM services -- runtime
ii	libdv4:armhf	1.0.0-11	armhf	software library for DV format digital video (runtime lib)
ii	libdvdnv4:armhf	5.0.3-3	armhf	DVD navigation library
ii	libdvread4:armhf	5.0.3-2	armhf	library for reading DVDs
ii	libdwl:armhf	0.168-1	armhf	library that provides access to the DWARF debug information
ii	libe-book-0.1-1:armhf	0.1.2-4	armhf	library for reading and converting various e-book formats
ii	libebur128-1:armhf	1.2.2-2	armhf	implementation of the EBU R128 loudness standard
ii	libedit2:armhf	3.1-20160903-3	armhf	BSD editline and history libraries
ii	libegl1-mesa:armhf	13.0.6-1+rpil2	armhf	free implementation of the EGL API -- runtime
ii	libelf1:armhf	0.168-1	armhf	library to read and write ELF files
ii	libenchant1c2a:armhf	1.6.0-11+b1	armhf	Wrapper library for various spell checker engines (runtime libs)
ii	libeot0:armhf	0.01-4	armhf	Library for parsing/converting Embedded OpenType files
ii	libepoxy0:armhf	1.3.1-2	armhf	OpenGL function pointer management library
ii	liberror-perl	0.17024-1	all	Perl module for error/exception handling in an OO-ish way
ii	libesd0:armhf	0.2.41-11	armhf	Enlightened Sound Daemon - Shared libraries
ii	libestr0	0.1.10-2	armhf	Helper functions for handling strings (lib)
ii	libetonyek-0.1-1:armhf	0.1.6-5	armhf	library for reading and converting Apple Keynote presentations
ii	libetpan17:armhf	1.6-3	armhf	mail handling library
ii	libevdev2:armhf	1.5.6+dfsg-1	armhf	wrapper library for evdev devices
ii	libevent-2.0-5:armhf	2.0.21-stable-3	armhf	Asynchronous event notification library
ii	libexif12:armhf	0.6.21-2	armhf	library to parse EXIF files
ii	libexpat1:armhf	2.2.0-2+deb9u1	armhf	XML parsing C library - runtime library
ii	libexpat1-dev:armhf	2.2.0-2+deb9u1	armhf	XML parsing C library - development kit
ii	libexttextcat-2.0-0:armhf	3.4.4-2	armhf	Language detection library
ii	libexttextcat-data	3.4.4-2	all	Language detection library - data files
ii	libfaad2:armhf	2.8.0-cvs20161113-1	armhf	freeware Advanced Audio Decoder - runtime files
ii	libfakeroot:armhf	1.21-3.1	armhf	tool for simulating superuser privileges - shared libraries
ii	libfastjson4:armhf	0.99.4-1	armhf	fast json library for C
ii	libfdisk1:armhf	2.29.2-1	armhf	fdisk partitioning library
ii	libffi6:armhf	3.2.1-6	armhf	Foreign Function Interface library runtime
ii	libfftw3-double3:armhf	3.3.5-3	armhf	Library for computing Fast Fourier Transforms - Double precision
ii	libfftw3-single3:armhf	3.3.5-3	armhf	Library for computing Fast Fourier Transforms - Single precision
ii	libfile-fcntllock-perl	0.22-3+b2	armhf	Perl module for file locking with fcntl(2)
ii	libflac8:armhf	1.3.2-1	armhf	Free Lossless Audio Codec - runtime C library
ii	libflite1:armhf	2.0.0-release-3	armhf	Small run-time speech synthesis engine - shared libraries
ii	libfltk1.3:armhf	1.3.4-4	armhf	Fast Light Toolkit - main shared library
ii	libfluidsynth1:armhf	1.1.6-4	armhf	Real-time MIDI software synthesizer (runtime library)
ii	libfm-data	1.2.5-1+rpil	all	file management support (common data)
ii	libfm-extra4:armhf	1.2.5-1+rpil	armhf	file management support (extra library)
ii	libfm-gtk-data	1.2.5-1+rpil	all	file management support (GTK+ library common data)
ii	libfm-gtk4:armhf	1.2.5-1+rpil	armhf	file management support (GTK+ 2.0 GUI library)
ii	libfm-modules:armhf	1.2.5-1+rpil	armhf	file management support (loadable modules for library)
ii	libfm4:armhf	1.2.5-1+rpil	armhf	file management support (core library)
ii	libfontconfig1:armhf	2.11.0-6.7	armhf	generic font configuration library - runtime
ii	libfontenc1:armhf	1:1.1.3-1	armhf	X11 font encoding library

libfreedhand-0.1-1	0.1.11-2	armhf	Library for parsing the FreeHand file format structure
libfreetype6:armhf	2.6.3-3.2	armhf	FreeType 2 font engine, shared library files
libfreetype6-dev	2.6.3-3.2	armhf	FreeType 2 font engine, development files
libfribidi0:armhf	0.19.7-1	armhf	Free Implementation of the Unicode BiDi algorithm
libfuse2:armhf	2.9.7-1	armhf	Filesystem in Userspace (library)
libgbml:armhf	13.0.6-1+rpi2	armhf	generic buffer management API -- runtime
libgcc-6-dev:armhf	6.3.0-18+rpi1	armhf	GCC support library (development files)
libgcc1:armhf	1:6.3.0-18+rpi1	armhf	GCC support library
libgck-1-0:armhf	3.20.0-5.1	armhf	Glib wrapper library for PKCS#11 - runtime
libgconf-2-4:armhf	3.2.6-4	armhf	GNOME configuration database system (shared libraries)
libgcr-3-common	3.20.0-5.1	all	Library for Crypto UI related tasks - common files
libgcr-base-3-1:armhf	3.20.0-5.1	armhf	Library for Crypto related tasks
libgcrypt20:armhf	1.7.6-2+deb9u2	armhf	LGPL Crypto library - runtime library
libgd3:armhf	2.2.4-2+deb9u2	armhf	GD Graphics Library
libgddata-common	0.17.6-2	all	Library for accessing GData webservices - common data files
libgddata22:armhf	0.17.6-2	armhf	Library for accessing GData webservices - shared libraries
libgdbm3:armhf	1.8.3-14	armhf	GNU dbm database routines (runtime version)
libgdk-pixbuf2.0-0:armhf	2.36.5-2	armhf	GDK Pixbuf library
libgdk-pixbuf2.0-common	2.36.5-2	all	GDK Pixbuf library - data files
libgeoip1:armhf	1.6.9-4	armhf	non-DNS IP-to-country resolver library
libgfortran3:armhf	6.3.0-18+rpi1	armhf	Runtime library for GNU Fortran applications
libgif7:armhf	5.1.4-0.4	armhf	library for GIF images (library)
libgirepository-1.0-1:armhf	1.50.0-1	armhf	Library for handling GObject introspection data (runtime library)
libgksu2-0	2.0.13~prel-9	armhf	library providing su and sudo functionality
libgl1-mesa-dri:armhf	13.0.6-1+rpi2	armhf	free implementation of the OpenGL API -- DRI modules
libgl1-mesa-glx:armhf	13.0.6-1+rpi2	armhf	free implementation of the OpenGL API -- GLX runtime
libglapi-mesa:armhf	13.0.6-1+rpi2	armhf	free implementation of the GL API -- shared library
libgles1-mesa:armhf	13.0.6-1+rpi2	armhf	free implementation of the OpenGL ES 1.x API -- runtime
libgles2-mesa:armhf	13.0.6-1+rpi2	armhf	free implementation of the OpenGL ES 2.x API -- runtime
libglew2.0:armhf	2.0.0-3	armhf	OpenGL Extension Wrangler - runtime environment
libglib2.0-0:armhf	2.50.3-2	armhf	GLib library of C routines
libglib2.0-bin	2.50.3-2	armhf	Programs for the GLib library
libglib2.0-data	2.50.3-2	all	Common files for GLib library
libglTF-0.0-0v5:armhf	0.0.2-5	armhf	Library for rendering glTF models
libglul1-mesa:armhf	9.0.0-2.1	armhf	Mesa OpenGL utility library (GLU)
libgme0:armhf	0.6.0-4	armhf	Playback library for video game music files - shared library
libgmime-2.6-0:armhf	2.6.22+dfsg2-1	armhf	MIME message parser and creator library
libgmp10:armhf	2:6.1.2+dfsg-1	armhf	Multiprecision arithmetic library
libgnome-desktop-3-12:armhf	3.22.2-1	armhf	Utility library for loading .desktop files - runtime files
libgnome-keyring-common	3.12.0-1	all	GNOME keyring services library - data files
libgnome-keyring-0:armhf	3.12.0-1+b1	armhf	GNOME keyring services library
libgnome-menu-3-0	3.13.3-9	armhf	GNOME implementation of the freedesktop menu specification
libgnutls30:armhf	3.5.8-5+deb9u2	armhf	GNU TLS library - main runtime library
libgoa-1.0-0b:armhf	3.22.5-1	armhf	library for GNOME Online Accounts
libgoa-1.0-common	3.22.5-1	all	library for GNOME Online Accounts - common files
libgomp1:armhf	6.3.0-18+rpi1	armhf	GCC OpenMP (GOMP) support library
libgpg-error0:armhf	1.26-2	armhf	library for common error values and messages in GnuPG components
libgpgme11:armhf	1.8.0-3	armhf	GPGME - GnuPG Made Easy (library)
libgphoto2-6:armhf	2.5.12-1	armhf	gphoto2 digital camera library
libgphoto2-port12:armhf	2.5.12-1	armhf	gphoto2 digital camera port library
libgpm2:armhf	1.20.4-6.2	armhf	General Purpose Mouse - shared library
libgraphite2-3:armhf	1.3.10-1	armhf	Font rendering engine for Complex Scripts -- library
libgsm1:armhf	1.0.13-4	armhf	Shared libraries for GSM speech compressor
libgssapi-krb5-2:armhf	1.15-1	armhf	MIT Kerberos runtime libraries - krb5 GSS-API Mechanism
libgstreamer-plugins-bad1.0-0:armhf	1.10.4-1	armhf	GStreamer development files for libraries from the "bad" set
libgstreamer-plugins-base0.10-0:armhf	0.10.36-2	armhf	GStreamer libraries from the "base" set
libgstreamer-plugins-base1.0-0:armhf	1.10.4-1	armhf	GStreamer libraries from the "base" set
libgstreamer0.10-0:armhf	0.10.36-1.5	armhf	Core GStreamer libraries and elements
libgstreamer1.0-0:armhf	1.10.4-1	armhf	Core GStreamer libraries and elements
libgtk-3-0:armhf	3.22.11-1+rpi3	armhf	GTK+ graphical user interface library
libgtk-3-common	3.22.11-1+rpi3	all	common files for the GTK+ graphical user interface library
libgtk2.0-0:armhf	2.24.31-2	armhf	GTK+ graphical user interface library
libgtk2.0-bin	2.24.31-2	armhf	programs for the GTK+ graphical user interface library
libgtk2.0-common	2.24.31-2	all	common files for the GTK+ graphical user interface library
libgtop-2.0-10:armhf	2.34.2-1	armhf	gtop system monitoring library (shared)

libbgtop2-common	2.34.2-1	all	gtop system monitoring library (common)
libgudev-1.0-0:armhf	230-3	armhf	GObject-based wrapper library for libudev
libharfbuzz-icu0:armhf	1.4.2-1	armhf	OpenType text shaping engine ICU backend
libharfbuzz0b:armhf	1.4.2-1	armhf	OpenType text shaping engine (shared library)
libhogweed4:armhf	3.3-1	armhf	low level cryptographic library (public-key cryptos)
libhsqldb1.8.0-java	1.8.0.10+dfsg-7	all	Java SQL database engine
libhunspell-1.4-0:armhf	1.4.1-2	armhf	spell checker and morphological analyzer (shared library)
libhyphen0:armhf	2.8.8-5	armhf	ALTLinux hyphenation library - shared library
libice6:armhf	2:1.0.9-2	armhf	X11 Inter-Client Exchange library
libicu57:armhf	57.1-6	armhf	International Components for Unicode
libid3tag0:armhf	0.15.1b-12	armhf	ID3 tag reading library from the MAD project
libident	0.22-3.1	armhf	simple RFC1413 client library - runtime
libidn11:armhf	1.33-1	armhf	GNU Libidn library, implementation of IETF IDN specifications
libidn2-0:armhf	0.16-1	armhf	Internationalized domain names (IDNA2008) library
libiec61883-0:armhf	1.2.0-2	armhf	partial implementation of IEC 61883 (shared lib)
liblmbase12:armhf	2.2.0-12	armhf	several utility libraries from ILM used by OpenEXR
libimlib2:armhf	1.4.8-1	armhf	image loading, rendering, saving library
libimobiledevice6:armhf	1.2.0+dfsg-3.1	armhf	Library for communicating with the iPhone and iPod Touch
libinput-bin	1.6.3-1	armhf	input device management and event handling library - udev quirks
libinput10:armhf	1.6.3-1	armhf	input device management and event handling library - shared library
libip4tc0:armhf	1.6.0+snapshot20161117-6	armhf	netfilter libip4tc library
libip6tc0:armhf	1.6.0+snapshot20161117-6	armhf	netfilter libip6tc library
libiptc0:armhf	1.6.0+snapshot20161117-6	armhf	netfilter libiptc library
libisc-export160	1:9.10.3.dfsg.P4-12.3+deb9u2	armhf	Exported ISC Shared Library
libisc160:armhf	1:9.10.3.dfsg.P4-12.3+deb9u2	armhf	ISC Shared Library used by BIND
libisccc140:armhf	1:9.10.3.dfsg.P4-12.3+deb9u2	armhf	Command Channel Library used by BIND
libisccfg140:armhf	1:9.10.3.dfsg.P4-12.3+deb9u2	armhf	Config File Handling Library used by BIND
libisl15:armhf	0.18-1	armhf	manipulating sets and relations of integer points bounded by linear constraints
libiw30:armhf	30~pre9-12	armhf	Wireless tools - library
libjack-jackd2-0:armhf	1.9.10+20150825git1ed50c92~dfsg-5	armhf	JACK Audio Connection Kit (libraries)
libjavascriptcoregtk-3.0-0:armhf	2.4.11-3+rpil	armhf	JavaScript engine library from WebKitGTK+
libjavascriptcoregtk-4.0-18:armhf	2.16.3-2+rpil	armhf	JavaScript engine library from WebKitGTK+
libjbig0:armhf	2.1-3.1	armhf	JBIGkit libraries
libjim0.76:armhf	0.76-2	armhf	small-footprint implementation of Tcl - shared library
libjpeg62-turbo:armhf	1:1.5.1-2	armhf	libjpeg-turbo JPEG runtime library
libjs-jquery	3.1.1-2	all	JavaScript library for dynamic web applications
libjs-sphinxdoc	1.4.9-2	all	JavaScript support for Sphinx documentation
libjs-underscore	1.8.3~dfsg-1	all	JavaScript's functional programming helper library
libjson-glib-1.0-0:armhf	1.2.6-1	armhf	GLib JSON manipulation library
libjson-glib-1.0-common	1.2.6-1	all	GLib JSON manipulation library (common files)
libk5crypto3:armhf	1.15-1	armhf	MIT Kerberos runtime libraries - Crypto Library
libkate1:armhf	0.4.1-7+b1	armhf	Codec for karaoke and text encapsulation
libkeybinder0	0.3.1-1	armhf	registers global key bindings for applications
libkeyutils1:armhf	1.5.9-9	armhf	Linux Key Management Utilities (library)
libklibc	2.0.4-9+rpil	armhf	minimal libc subset for use with initramfs
libkmod2:armhf	23-2	armhf	libkmod shared library
libkrb5-3:armhf	1.15-1	armhf	MIT Kerberos runtime libraries
libkrb5support0:armhf	1.15-1	armhf	MIT Kerberos runtime libraries - Support library
libksba8:armhf	1.3.5-2	armhf	X.509 and CMS support library
liblangtag-common	0.6.2-1	all	library to access tags for identifying languages -- data
liblangtag1:armhf	0.6.2-1	armhf	library to access tags for identifying languages
liblapack3	3.7.0-2	armhf	Library of linear algebra routines 3 - shared version
liblcms2-2:armhf	2.8-4	armhf	Little CMS 2 color management library
libldap-2.4-2:armhf	2.4.44+dfsg-5	armhf	OpenLDAP libraries
libldap-common	2.4.44+dfsg-5	all	OpenLDAP common files for libraries
libldb1:armhf	2:1.1.27-1	armhf	LDAP-like embedded database - shared library
liblightdm-gobject-1-0	1.18.3-1	armhf	simple display manager (gobject library)
liblilv-0-0	0.24.2~dfsg0-1	armhf	library for simple use of LV2 plugins
libllvm3.9:armhf	1:3.9.1-9+rpil	armhf	Modular compiler and toolchain technologies, runtime library
liblocale-gettext-perl	1.07-3+b1	armhf	module using libc functions for internationalization in Perl
liblockfile-bin	1.14-1	armhf	support binaries for and cli utilities based on liblockfile
liblockfile1:armhf	1.14-1	armhf	NFS-safe locking library
liblogging-stdlog0:armhf	1.0.5-2	armhf	easy to use and lightweight logging library
liblognorm5:armhf	2.0.1-1.1	armhf	log normalizing library
libltdl7:armhf	2.4.6-2	armhf	System independent dlopen wrapper for GNU libtool

liblua5.1-common	2.0.4-dfsg-1	all	Just in time compiler for Lua - common files
liblwres141:armhf	1:9.10.3.dfsg.P4-12.3+deb9u2	armhf	Lightweight Resolver Library used by BIND
liblz4-1:armhf	0.0~r131-2	armhf	Fast LZ compression algorithm library - runtime
liblzma5:armhf	5.2.2-1.2	armhf	XZ-format compression library
liblzo2-2:armhf	2.08-1.2	armhf	data compression library
libmad0:armhf	0.15.1b-8	armhf	MPEG audio decoder library
libmagic-mgc	1:5.30-1+deb9u1	armhf	File type determination library using "magic" numbers (compiled magic file)
libmagic1:armhf	1:5.30-1+deb9u1	armhf	Recognize the type of data in a file using "magic" numbers - library
libmenu-cache-bin	1.0.2-3	armhf	LXDE implementation of the freedesktop Menu's cache (libexec)
libmenu-cache3:armhf	1.0.2-3	armhf	LXDE implementation of the freedesktop Menu's cache
libmhash2:armhf	0.9.9-7	armhf	Library for cryptographic hashing and message authentication
libmikmod3:armhf	3.3.10-1	armhf	Portable sound library
libmjpegutils-2.1-0	1:2.1.0+debian-5	armhf	MJPEG capture/editing/replay and MPEG encoding toolset (library)
libmms0:armhf	0.6.4-2	armhf	MMS stream protocol library - shared library
libmnl-dev	1.0.4-2	armhf	minimalistic Netlink communication library (devel)
libmnl0:armhf	1.0.4-2	armhf	minimalistic Netlink communication library
libmodplug1:armhf	1:0.8.8.5-3	armhf	shared libraries for mod music based on ModPlug
libmotif-common	2.3.4-13	all	Motif - common files
libmount1:armhf	2.29.2-1	armhf	device mounting library
libmp3lame0:armhf	3.99.5+repack1-9	armhf	MP3 encoding library
libmpc3:armhf	1.0.3-1	armhf	multiple precision complex floating-point library
libmpcdec6:armhf	2:0.1-r495-1	armhf	MusePack decoder - library
libmpdec2:armhf	2.4.2-1	armhf	library for decimal floating point arithmetic (runtime library)
libmpeg2encpp-2.1-0	1:2.1.0+debian-5	armhf	MJPEG capture/editing/replay and MPEG encoding toolset (library)
libmpfr4:armhf	3.1.5-1	armhf	multiple precision floating-point computation
libmpg123-0:armhf	1.23.8-1	armhf	MPEG layer 1/2/3 audio decoder (shared library)
libmplex2-2.1-0	1:2.1.0+debian-5	armhf	MJPEG capture/editing/replay and MPEG encoding toolset (library)
libmspub-0.1-1:armhf	0.1.2-4	armhf	library for parsing the mspub file structure
libmtdev1:armhf	1.1.5-1	armhf	Multitouch Protocol Translation Library - shared library
libmtp-common	1.1.13-1	all	Media Transfer Protocol (MTP) common files
libmtp-runtime	1.1.13-1	armhf	Media Transfer Protocol (MTP) runtime tools
libmtp9:armhf	1.1.13-1	armhf	Media Transfer Protocol (MTP) library
libmumps-seq-4.10.0	4.10.0.dfsg-4+b1	armhf	Direct linear systems solver - non-parallel shared libraries
libmwaw-0.3-3:armhf	0.3.9-2	armhf	import library for some old Mac text documents
libmythes-1.2-0:armhf	2:1.2.4-3	armhf	simple thesaurus library
libncurses5:armhf	6.0+20161126-1	armhf	shared libraries for terminal handling
libncursesw5:armhf	6.0+20161126-1	armhf	shared libraries for terminal handling (wide character support)
libneon27-gnutls:armhf	0.30.2-2	armhf	HTTP and WebDAV client library (GnuTLS enabled)
libnetfilter-contrack3:armhf	1.0.6-2	armhf	Netfilter netlink-contrack library
libnettle6:armhf	3.3-1	armhf	low level cryptographic library (symmetric and one-way cryptos)
libnewt0.52:armhf	0.52.19-1	armhf	Not Erik's Windowing Toolkit - text mode windowing with slang
libnfnetwork0:armhf	1.0.1-3	armhf	Netfilter netlink library
libnfs8:armhf	1.11.0-2	armhf	NFS client library (shared library)
libnfsidmap2:armhf	0.25-5.1	armhf	NFS idmapping library
libnghttp2-14:armhf	1.18.1-1	armhf	library implementing HTTP/2 protocol (shared library)
libnih-dbus1	1.0.3-8	armhf	NIH D-Bus Bindings Library
libnih1	1.0.3-8	armhf	NIH Utility Library
libnl-3-200:armhf	3.2.27-2	armhf	library for dealing with netlink sockets
libnl-genl-3-200:armhf	3.2.27-2	armhf	library for dealing with netlink sockets - generic netlink
libnotify4:armhf	0.7.7-2	armhf	sends desktop notifications to a notification daemon
libnpth0:armhf	1.3-1	armhf	replacement for GNU Pth using system threads
libnspr4:armhf	2:4.12-6	armhf	NetScape Portable Runtime Library
libnss-mdns:armhf	0.10-8	armhf	NSS module for Multicast DNS name resolution
libnss3:armhf	2:3.26.2-1.1	armhf	Network Security Service libraries
liboauth0:armhf	1.0.1-1+b1	armhf	C library for implementing OAuth 1.0
libobrender32v5	3.6.1-4+rp13	armhf	rendering library for openbox themes
libobt2v5	3.6.1-4+rp13	armhf	parsing library for openbox
libodfgen-0.1-1:armhf	0.1.6-2	armhf	library to generate ODF documents
libofa0:armhf	0.9.3-15	armhf	library for acoustic fingerprinting
libogg0:armhf	1.3.2-1	armhf	Ogg bitstream library
libopenal-data	1:1.17.2-4	all	Software implementation of the OpenAL audio API (data files)
libopenal1:armhf	1:1.17.2-4	armhf	Software implementation of the OpenAL audio API (shared library)
libopencv-calib3d2.4v5:armhf	2.4.9.1+dfsg1-2	armhf	computer vision Camera Calibration library
libopencv-core2.4v5:armhf	2.4.9.1+dfsg1-2	armhf	computer vision core library
libopencv-features2d2.4v5:armhf	2.4.9.1+dfsg1-2	armhf	computer vision Feature Detection and Descriptor Extraction library

ii	libopencv-flann2.4v5:armhf	2.4.9.1+dfsg1-2	armhf	computer vision Clustering and Search in Multi-Dimensional spaces library
ii	libopencv-highgui2.4-deb0:armhf	2.4.9.1+dfsg1-2	armhf	computer vision High-level GUI and Media I/O library
ii	libopencv-imgproc2.4v5:armhf	2.4.9.1+dfsg1-2	armhf	computer vision Image Processing library
ii	libopencv-objdetect2.4v5:armhf	2.4.9.1+dfsg1-2	armhf	computer vision Object Detection library
ii	libopencv-video2.4v5:armhf	2.4.9.1+dfsg1-2	armhf	computer vision Video analysis library
ii	libopenexr22:armhf	2.2.0-11	armhf	runtime files for the OpenEXR image library
ii	libopenjp2-7:armhf	2.1.2-1.1	armhf	JPEG 2000 image compression/decompression library
ii	libopenmpt0:armhf	0.2.7386~beta20.3-3+deb9u2	armhf	module music library based on OpenMPT -- shared library
ii	libopus0:armhf	1.2~alpha2-1	armhf	Opus codec runtime library
ii	liborc-0.4-0:armhf	1:0.4.26-2	armhf	Library of Optimized Inner Loops Runtime Compiler
ii	liborcus-0.11-0:armhf	0.11.2-3	armhf	library for processing spreadsheet documents
ii	libossp-uuid16:armhf	1.6.2-1.5+b3	armhf	OSSP uuid ISO-C and C++ - shared library
ii	libp11-kit0:armhf	0.23.3-2	armhf	library for loading and coordinating access to PKCS#11 modules - runtime
ii	libpackagekit-glib2-18:armhf	1.1.5-2	armhf	Library for accessing PackageKit using GLib
ii	libpagemaker-0.0-0:armhf	0.0.3-2	armhf	Library for importing and converting PageMaker Documents
ii	libpam-chksshpwd:armhf	1.1.8-3.6+rpil	armhf	PAM module to enable SSH password checking support
ii	libpam-modules:armhf	1.1.8-3.6+rpil	armhf	Pluggable Authentication Modules for PAM
ii	libpam-modules-bin	1.1.8-3.6+rpil	armhf	Pluggable Authentication Modules for PAM - helper binaries
ii	libpam-runtime	1.1.8-3.6+rpil	all	Runtime support for the PAM library
ii	libpam-systemd:armhf	232-25+deb9ul	armhf	system and service manager - PAM module
ii	libpam0g:armhf	1.1.8-3.6+rpil	armhf	Pluggable Authentication Modules library
ii	libpango-1.0-0:armhf	1.40.5-1	armhf	Layout and rendering of internationalized text
ii	libpango1.0-0:armhf	1.40.5-1	armhf	Layout and rendering of internationalized text (transitional package)
ii	libpangocairo-1.0-0:armhf	1.40.5-1	armhf	Layout and rendering of internationalized text
ii	libpangoft2-1.0-0:armhf	1.40.5-1	armhf	Layout and rendering of internationalized text
ii	libpangox-1.0-0:armhf	0.0.2-5	armhf	pango library X backend
ii	libpangoxft-1.0-0:armhf	1.40.5-1	armhf	Layout and rendering of internationalized text
ii	libparted2:armhf	3.2-17	armhf	disk partition manipulator - shared library
ii	libpciaccess0:armhf	0.13.4-1	armhf	Generic PCI access library for X
ii	libpcre16-3:armhf	2:8.39-3	armhf	Old Perl 5 Compatible Regular Expression Library - 16 bit runtime files
ii	libpcre3:armhf	2:8.39-3	armhf	Old Perl 5 Compatible Regular Expression Library - runtime files
ii	libpcsclite1:armhf	1.8.20-1	armhf	Middleware to access a smart card using PC/SC (library)
ii	libperl5.24:armhf	5.24.1-3+deb9ul	armhf	shared Perl library
ii	libpgm-5.2-0:armhf	5.2.122~dfsg-2	armhf	OpenPGM shared library
ii	libpipeline1:armhf	1.4.1-2	armhf	pipeline manipulation library
ii	libpisock9	0.12.5-dfsg-2	armhf	library for communicating with a PalmOS PDA
ii	libpixman-1-0:armhf	0.34.0-1	armhf	pixel-manipulation library for X and cairo
ii	libplist3:armhf	1.12+git+1+e37ca00-0.3	armhf	Library for handling Apple binary and XML property lists
ii	libplymouth4:armhf	0.9.2-4+rpil	armhf	graphical boot animation and logger - shared libraries
ii	libpng-dev:armhf	1.6.28-1	armhf	PNG library - development (version 1.6)
ii	libpng-tools	1.6.28-1	armhf	PNG library - tools (version 1.6)
ii	libpng12-0:armhf	1.2.54-6	armhf	PNG library - runtime
ii	libpng16-16:armhf	1.6.28-1	armhf	PNG library - runtime (version 1.6)
ii	libpolkit-agent-1-0:armhf	0.105-18	armhf	PolicyKit Authentication Agent API
ii	libpolkit-backend-1-0:armhf	0.105-18	armhf	PolicyKit backend API
ii	libpolkit-gobject-1-0:armhf	0.105-18	armhf	PolicyKit Authorization API
ii	libpoppler64:armhf	0.48.0-2	armhf	PDF rendering library
ii	libpopt0:armhf	1.16-10	armhf	lib for parsing cmdline parameters
ii	libportaudio2:armhf	19.6.0-1	armhf	Portable audio I/O - shared library
ii	libportmidi0:armhf	1:217-6	armhf	library for real-time MIDI input/output
ii	libpostproc54:armhf	7:3.2.5-1	armhf	FFmpeg library for post processing - runtime files
ii	libprocps6:armhf	2:3.3.12-3	armhf	library for accessing process information from /proc
ii	libproxy1v5:armhf	0.4.14-2	armhf	automatic proxy configuration management library (shared)
ii	libpsl5:armhf	0.17.0-3	armhf	Library for Public Suffix List (shared libraries)
ii	libpulse0:armhf	10.0-1+deb9ul	armhf	PulseAudio client libraries
ii	libpython-all-dev:armhf	2.7.13-2	armhf	package depending on all supported Python development packages
ii	libpython-dev:armhf	2.7.13-2	armhf	header files and a static library for Python (default)
ii	libpython-stdlib:armhf	2.7.13-2	armhf	interactive high-level object-oriented language (default python version)
ii	libpython2.7:armhf	2.7.13-2	armhf	Shared Python runtime library (version 2.7)
ii	libpython2.7-dev:armhf	2.7.13-2	armhf	Header files and a static library for Python (v2.7)
ii	libpython2.7-minimal:armhf	2.7.13-2	armhf	Minimal subset of the Python language (version 2.7)
ii	libpython2.7-stdlib:armhf	2.7.13-2	armhf	Interactive high-level object-oriented language (standard library, version 2.7)
ii	libpython3-dev:armhf	3.5.3-1	armhf	header files and a static library for Python (default)
ii	libpython3-stdlib:armhf	3.5.3-1	armhf	interactive high-level object-oriented language (default python3 version)
ii	libpython3.5:armhf	3.5.3-1	armhf	Shared Python runtime library (version 3.5)

libpython3.5-dev:armhf	3.5.3-1	armhf	Header files and a static library for Python (v3.5)
libpython3.5-minimal:armhf	3.5.3-1	armhf	Minimal subset of the Python language (version 3.5)
libpython3.5-stdlib:armhf	3.5.3-1	armhf	Interactive high-level object-oriented language (standard library, version 3.5)
libqt5concurrent5:armhf	5.7.1+dfsg-3+rpil	armhf	Qt 5 concurrent module
libqt5core5a:armhf	5.7.1+dfsg-3+rpil	armhf	Qt 5 core module
libqt5dbus5:armhf	5.7.1+dfsg-3+rpil	armhf	Qt 5 D-Bus module
libqt5gui5:armhf	5.7.1+dfsg-3+rpil	armhf	Qt 5 GUI module
libqt5network5:armhf	5.7.1+dfsg-3+rpil	armhf	Qt 5 network module
libqt5opengl5:armhf	5.7.1+dfsg-3+rpil	armhf	Qt 5 OpenGL module
libqt5printsupport5:armhf	5.7.1+dfsg-3+rpil	armhf	Qt 5 print support module
libqt5scintilla2-12v5	2.9.3+dfsg-4	armhf	Qt5 port of the Scintilla source code editing widget
libqt5scintilla2-110n	2.9.3+dfsg-4	all	Scintilla source code editing widget for Qt5, translation files
libqt5svg5:armhf	5.7.1~20161021-2	armhf	Qt 5 SVG module
libqt5widgets5:armhf	5.7.1+dfsg-3+rpil	armhf	Qt 5 widgets module
libqt5x11extras5:armhf	5.7.1~20161021-2	armhf	Qt 5 X11 extras
libqt5xml5:armhf	5.7.1+dfsg-3+rpil	armhf	Qt 5 XML module
libqwt-qt5-6	6.1.2-6	armhf	Qt widgets library for technical applications (runtime, qt5)
libraptor2-0:armhf	2.0.14-1	armhf	Raptor 2 RDF syntax library
libraspberrypi-bin	1.20170811-1	armhf	Miscellaneous Raspberry Pi utilities
libraspberrypi-dev	1.20170811-1	armhf	EGL/GLES/OpenVG/etc. libraries for the Raspberry Pi's VideoCore IV (headers)
libraspberrypi-doc	1.20170811-1	armhf	EGL/GLES/OpenVG/etc. libraries for the Raspberry Pi's VideoCore IV (headers)
libraspberrypi0	1.20170811-1	armhf	EGL/GLES/OpenVG/etc. libraries for the Raspberry Pi's VideoCore IV
librasqal3:armhf	0.9.32-1	armhf	Rasqal RDF query library
libraw1394-11:armhf	2.1.2-1	armhf	library for direct access to IEEE 1394 bus (aka FireWire)
libraw15:armhf	0.17.2-6+deb9u1	armhf	raw image decoder library
librdf0:armhf	1.0.17-1.1	armhf	Redland Resource Description Framework (RDF) library
libreadline6:armhf	6.3-9	armhf	GNU readline and history libraries, run-time libraries
libreadline7:armhf	7.0-3	armhf	GNU readline and history libraries, run-time libraries
libreoffice	1:5.2.7-1+rpil	armhf	office productivity suite (metapackage)
libreoffice-avmedia-backend-gstreamer	1:5.2.7-1+rpil	armhf	GStreamer backend for LibreOffice
libreoffice-base	1:5.2.7-1+rpil	armhf	office productivity suite -- database
libreoffice-base-core	1:5.2.7-1+rpil	armhf	office productivity suite -- shared library
libreoffice-base-drivers	1:5.2.7-1+rpil	armhf	Database connectivity drivers for LibreOffice
libreoffice-calc	1:5.2.7-1+rpil	armhf	office productivity suite -- spreadsheet
libreoffice-common	1:5.2.7-1+rpil	all	office productivity suite -- arch-independent files
libreoffice-core	1:5.2.7-1+rpil	armhf	office productivity suite -- arch-dependent files
libreoffice-draw	1:5.2.7-1+rpil	armhf	office productivity suite -- drawing
libreoffice-gtk	1:5.2.7-1+rpil	all	transitional package to upgrade to libreoffice-gtk2/-systray
libreoffice-gtk2	1:5.2.7-1+rpil	armhf	office productivity suite -- GTK+ 2 integration
libreoffice-impress	1:5.2.7-1+rpil	armhf	office productivity suite -- presentation
libreoffice-java-common	1:5.2.7-1+rpil	all	office productivity suite -- arch-independent Java support files
libreoffice-math	1:5.2.7-1+rpil	armhf	office productivity suite -- equation editor
libreoffice-report-builder-bin	1:5.2.7-1+rpil	armhf	LibreOffice component for building database reports -- libraries
libreoffice-sdbc-hsqldb	1:5.2.7-1+rpil	armhf	HSQldb SDBC driver for LibreOffice
libreoffice-style-galaxy	1:5.2.7-1+rpil	all	office productivity suite -- Galaxy (Default) symbol style
libreoffice-systray	1:5.2.7-1+rpil	armhf	LibreOffice "Quickstarter" for the desktop notification area
libreoffice-writer	1:5.2.7-1+rpil	armhf	office productivity suite -- word processor
librest-0.7-0:armhf	0.8.0-2	armhf	REST service access library
librevenge-0.0-0:armhf	0.0.4-6	armhf	Base Library for writing document interface filters
librsvg2-2:armhf	2.40.16-1	armhf	SAX-based renderer library for SVG files (runtime)
librsvg2-common:armhf	2.40.16-1	armhf	SAX-based renderer library for SVG files (extra runtime)
librtimulib-dev	7.2.1-4	armhf	Versatile C++ and Python 9-dof, 10-dof and 11-dof IMU library (dev files)
librtimulib-utils	7.2.1-4	armhf	Versatile C++ and Python 9-dof, 10-dof and 11-dof IMU library (utilities)
librtimulib7	7.2.1-4	armhf	Versatile C++ and Python 9-dof, 10-dof and 11-dof IMU library (shared library)
librtmpl:armhf	2.4+20151223.gitfa8646d.1-1	armhf	toolkit for RTMP streams (shared library)
librubberband2:armhf	1.8.1-7	armhf	audio time-stretching and pitch-shifting library
libruby2.3:armhf	2.3.3-1	armhf	Libraries necessary to run Ruby 2.3
libsamplerate0:armhf	0.1.8-8	armhf	Audio sample rate conversion library
libsasl2-2:armhf	2.1.27~101-g0780600+dfsg-3	armhf	Cyrus SASL - authentication abstraction library
libsasl2-modules:armhf	2.1.27~101-g0780600+dfsg-3	armhf	Cyrus SASL - pluggable authentication modules
libsasl2-modules-db:armhf	2.1.27~101-g0780600+dfsg-3	armhf	Cyrus SASL - pluggable authentication modules (DB)
libsbc1:armhf	1.3-2	armhf	Sub Band CODEC library - runtime
libscsynth1	1:3.7.0~repack-4	armhf	SuperCollider synthesis server library
libsctp1:armhf	1.0.17+dfsg-1	armhf	user-space access to Linux kernel SCTP - shared library
libsdl-image1.2:armhf	1.2.12-5+b2	armhf	Image loading library for Simple DirectMedia Layer 1.2, libraries

ii	libSDL-mixer1.2:armhf	1.2.11-1+b1	armhf	Mixer library for Simple DirectMedia Layer 1.2, libraries
ii	libSDL-ttf2.0-0:armhf	2.0.11-3	armhf	TrueType Font library for Simple DirectMedia Layer 1.2, libraries
ii	libSDL1.2debian:armhf	1.2.15+dfsg1-4	armhf	Simple DirectMedia Layer
ii	libseccomp2:armhf	2.3.1-2.1	armhf	high level interface to Linux seccomp filter
ii	libsecret-1-0:armhf	0.18.5-3.1	armhf	Secret store
ii	libsecret-common	0.18.5-3.1	all	Secret store (common files)
ii	libselinux1:armhf	2.6-3	armhf	SELinux runtime shared libraries
ii	libsemanage-common	2.6-2	all	Common files for SELinux policy management libraries
ii	libsemanage1:armhf	2.6-2	armhf	SELinux policy management library
ii	libsensors4:armhf	1:3.4.0-4	armhf	library to read temperature/voltage/fan sensors
ii	libsepol1:armhf	2.6-2	armhf	SELinux library for manipulating binary security policies
ii	libserd-0-0:armhf	0.26.0~dfsg0-1	armhf	lightweight RDF syntax library
ii	libServlet3.1-java	8.5.14-1+deb9u1	all	Servlet 3.1, JSP 2.3, EL 3.0 and WebSocket 1.0 Java API classes
ii	libshine3:armhf	3.1.0-5	armhf	Fixed-point MP3 encoding library - runtime files
ii	libshout3:armhf	2.3.1-3	armhf	MP3/Ogg Vorbis broadcast streaming library
ii	libsigc++-1.2-5c2	1.2.7-2+b1	armhf	type-safe Signal Framework for C++ - runtime
ii	libsigc++-2.0-0v5:armhf	2.10.0-1	armhf	type-safe Signal Framework for C++ - runtime
ii	libslang2:armhf	2.3.1-5	armhf	S-Lang programming library - runtime version
ii	libsm6:armhf	2:1.2.2-1+b1	armhf	X11 Session Management library
ii	libsmartcols1:armhf	2.29.2-1	armhf	smart column output alignment library
ii	libSMBclient:armhf	2:4.5.8+dfsg-2+deb9u1	armhf	shared library for communication with SMB/CIFS servers
ii	libsnappy1v5:armhf	1.1.3-3	armhf	fast compression/decompression library
ii	libsndfile1:armhf	1.0.27-3	armhf	Library for reading/writing audio files
ii	libsndio6.1:armhf	1.1.0-3	armhf	Small audio and MIDI framework from OpenBSD, runtime libraries
ii	libsodium18:armhf	1.0.11-2	armhf	Network communication, cryptography and signaturing library
ii	libsord-0-0:armhf	0.16.0~dfsg0-1	armhf	library for storing RDF data in memory
ii	libSoundtouch1:armhf	1.9.2-2	armhf	Sound stretching library
ii	libsoup-gnome2.4-1:armhf	2.56.0-2+deb9u1	armhf	HTTP library implementation in C -- GNOME support library
ii	libsoup2.4-1:armhf	2.56.0-2+deb9u1	armhf	HTTP library implementation in C -- Shared library
ii	libsoxr0:armhf	0.1.2-2	armhf	High quality 1D sample-rate conversion library
ii	libspandsp2:armhf	0.0.6+dfsg-0.1	armhf	Telephony signal processing library
ii	libspeex1:armhf	1.2~rc1.2-1	armhf	The Speex codec runtime library
ii	libsqlite3-0:armhf	3.16.2-5	armhf	SQLite 3 shared library
ii	libstratom-0-0:armhf	0.6.0~dfsg0-1	armhf	library for serialising LV2 atoms to/from Turtle
ii	libstrtp0	1.4.5-20130609~dfsg-2	armhf	Secure RTP (SRTP) and UST Reference Implementations - shared library
ii	libss2:armhf	1.43.4-2	armhf	command-line interface parsing library
ii	libssh-gcrypt-4:armhf	0.7.3-2	armhf	tiny C SSH library (gcrypt flavor)
ii	libssh2-1:armhf	1.7.0-1	armhf	SSH2 client-side library
ii	libssl1.0.2:armhf	1.0.2l-2	armhf	Secure Sockets Layer toolkit - shared libraries
ii	libssl1.1:armhf	1.1.0f-3	armhf	Secure Sockets Layer toolkit - shared libraries
ii	libstartup-notification0:armhf	0.12-4	armhf	library for program launch feedback (shared library)
ii	libstdc++-6-dev:armhf	6.3.0-18+rpil	armhf	GNU Standard C++ Library v3 (development files)
ii	libstdc++6:armhf	6.3.0-18+rpil	armhf	GNU Standard C++ Library v3
ii	libsuitesparseconfig4:armhf	1:4.5.4-1	armhf	configuration routines for all SuiteSparse modules
ii	libswresample2:armhf	7:3.2.5-1	armhf	FFmpeg library for audio resampling, rematrixing etc. - runtime files
ii	libswscale4:armhf	7:3.2.5-1	armhf	FFmpeg library for image scaling and various conversions - runtime files
ii	libsysfs2:armhf	2.1.0+repack-4	armhf	interface library to sysfs
ii	libsystemd0:armhf	232-25+deb9u1	armhf	systemd utility library
ii	libtag1v5:armhf	1.11.1+dfsg.1-0.1	armhf	audio meta-data library
ii	libtag1v5-vanilla:armhf	1.11.1+dfsg.1-0.1	armhf	audio meta-data library - vanilla flavour
ii	libtalloc2:armhf	2.1.8-1	armhf	hierarchical pool based memory allocator
ii	libtasn1-6:armhf	4.10-1.1	armhf	Manage ASN.1 structures (runtime)
ii	libtcl8.6:armhf	8.6.6+dfsg-1	armhf	Tcl (the Tool Command Language) v8.6 - run-time library files
ii	libtdb1:armhf	1.3.11-2	armhf	Trivial Database - shared library
ii	libtevent0:armhf	0.9.31-1	armhf	talloc-based event loop library - shared library
ii	libtext-charwidth-perl	0.04-7+b7	armhf	get display widths of characters on the terminal
ii	libtext-iconv-perl	1.7-5+b8	armhf	converts between character sets in Perl
ii	libtext-wrap18n-perl	0.06-7.1	all	internationalized substitute of Text::Wrap
ii	libthai-data	0.1.26-1	all	Data files for Thai language support library
ii	libthai0:armhf	0.1.26-1	armhf	Thai language support library
ii	libtheora0:armhf	1.1.1+dfsg.1-14	armhf	Theora Video Compression Codec
ii	libtiff5:armhf	4.0.8-2+deb9u1	armhf	Tag Image File Format (TIFF) library
ii	libtinfo5:armhf	6.0+20161126-1	armhf	shared low-level terminfo library for terminal handling
ii	libtirpc1:armhf	0.2.5-1.2	armhf	transport-independent RPC library
ii	libtk8.6:armhf	8.6.6-1	armhf	Tk toolkit for Tcl and X11 v8.6 - run-time files

libbtw lame0:armhf	0.3.13-2	armhf	MPEG Audio Layer 2 encoding library
libtxc-dxtn-s2tc:armhf	1.0+git20151227-2	armhf	Texture compression library for Mesa
libubsan0:armhf	6.3.0-18+rpil	armhf	UBSan -- undefined behaviour sanitizer (runtime)
libudev0:armhf	175-7.2	armhf	libudev shared library
libudev1:armhf	232-25+deb9u1	armhf	libudev shared library
libudisks2-0:armhf	2.1.8-1	armhf	GObject based library to access udisks2
libuniquel-1.0-0	1.1.6-5	armhf	Library for writing single instance applications - shared libraries
libunistring0:armhf	0.9.6+really0.9.3-0.1	armhf	Unicode string library for C
libusb-0.1-4:armhf	2:0.1.12-30	armhf	userspace USB programming library
libusb-1.0-0:armhf	2:1.0.21-1	armhf	userspace USB programming library
libusbmuxd4:armhf	1.0.10-3	armhf	USB multiplexor daemon for iPhone and iPod Touch devices - library
libustr-1.0-1:armhf	1.0.4-6	armhf	Micro string library: shared library
libuuid1:armhf	2.29.2-1	armhf	Universally Unique ID library
libuv1:armhf	1.9.1-3	armhf	asynchronous event notification library - runtime library
libv4l-0:armhf	1.12.3-1	armhf	Collection of video4linux support libraries
libv4l2rds0:armhf	1.12.3-1	armhf	Video4Linux Radio Data System (RDS) decoding library
libv4lconvert0:armhf	1.12.3-1	armhf	Video4linux frame format conversion library
libva-drm1:armhf	1.7.3-2	armhf	Video Acceleration (VA) API for Linux -- DRM runtime
libva-x11-1:armhf	1.7.3-2	armhf	Video Acceleration (VA) API for Linux -- X11 runtime
libval:armhf	1.7.3-2	armhf	Video Acceleration (VA) API for Linux -- runtime
libvdpau-va-gll:armhf	0.4.2-1	armhf	VDPAAU driver with OpenGL/VAAPI backend
libvdpau1:armhf	1.1.1-6	armhf	Video Decode and Presentation API for Unix (libraries)
libvisio-0.1-1:armhf	0.1.5-4	armhf	library for parsing the visio file structure
libvisual-0.4-0:armhf	0.4.0-10	armhf	audio visualization framework
libvo-aacenc0:armhf	0.1.3-1	armhf	VisualOn AAC encoder library
libvo-amrwbenc0:armhf	0.1.3-1	armhf	VisualOn AMR-WB encoder library
libvorbis0a:armhf	1.3.5-4	armhf	decoder library for Vorbis General Audio Compression Codec
libvorbisenc2:armhf	1.3.5-4	armhf	encoder library for Vorbis General Audio Compression Codec
libvorbisfile3:armhf	1.3.5-4	armhf	high-level API for Vorbis General Audio Compression Codec
libvpx4:armhf	1.6.1-3	armhf	VP8 and VP9 video codec (shared library)
libvte-common	1:0.28.2-5	all	Terminal emulator widget for GTK+ 2.x - common files
libvte9	1:0.28.2-5	armhf	Terminal emulator widget for GTK+ 2.0 - runtime files
libwacom-common	0.22-1	all	Wacom model feature query library (common files)
libwacom2:armhf	0.22-1	armhf	Wacom model feature query library
libwavpack1:armhf	5.0.0-2	armhf	audio codec (lossy and lossless) - library
libwayland-client0:armhf	1.12.0-1	armhf	wayland compositor infrastructure - client library
libwayland-egl1-mesa:armhf	13.0.6-1+rpil2	armhf	implementation of the Wayland EGL platform -- runtime
libwayland-server0:armhf	1.12.0-1	armhf	wayland compositor infrastructure - server library
libwbclient0:armhf	2:4.5.8+dfsg-2+deb9u1	armhf	Samba winbind client library
libwebkit2gtk-4.0-37:armhf	2.16.3-2+rpil	armhf	Web content engine library for GTK+
libwebkitgtk-3.0-0:armhf	2.4.11-3+rpil	armhf	Web content engine library for GTK+
libwebp6:armhf	0.5.2-1	armhf	Lossy compression of digital photographic images.
libwebpdemux2:armhf	0.5.2-1	armhf	Lossy compression of digital photographic images.
libwebpmux2:armhf	0.5.2-1	armhf	Lossy compression of digital photographic images.
libwebRTC-audio-processing1:armhf	0.3-1	armhf	AudioProcessing module from the WebRTC project.
libwildmidi-config	0.4.0-2	all	software MIDI player configuration
libwildmidi2:armhf	0.4.0-2	armhf	software MIDI player library
libwnck-3-0:armhf	3.20.1-3	armhf	Window Navigator Construction Kit - runtime files
libwnck-3-common	3.20.1-3	all	Window Navigator Construction Kit - common files
libwnck-common	2.30.7-5.1	all	Window Navigator Construction Kit - common files
libwnck22:armhf	2.30.7-5.1	armhf	Window Navigator Construction Kit - runtime files
libwpd-0.10-10:armhf	0.10.1-5	armhf	Library for handling WordPerfect documents (shared library)
libwpg-0.3-3:armhf	0.3.1-3	armhf	WordPerfect graphics import/convert library (shared library)
libwps-0.4-4:armhf	0.4.5-1	armhf	Works text file format import filter library (shared library)
libwrap0:armhf	7.6.q-26	armhf	Wietse Venema's TCP wrappers library
libx11-6:armhf	2:1.6.4-3	armhf	X11 client-side library
libx11-data	2:1.6.4-3	all	X11 client-side library
libx11-xcb1:armhf	2:1.6.4-3	armhf	Xlib/XCB interface library
libx264-148:armhf	2:0.148.2748+git97eaf2-1+rpil	armhf	x264 video coding library
libx265-95:armhf	2.1-2	armhf	H.265/HEVC video stream encoder (shared library)
libxapian30:armhf	1.4.3-2	armhf	Search engine library
libxau6:armhf	1:1.0.8-1	armhf	X11 authorisation library
libxaw7:armhf	2:1.0.13-1	armhf	X11 Athena Widget library
libxcb-dri2-0:armhf	1.12-1	armhf	X C Binding, dri2 extension
libxcb-dri3-0:armhf	1.12-1	armhf	X C Binding, dri3 extension

ii	libxcb-glx0:armhf	1.12-1	armhf	X C Binding, glx extension
ii	libxcb-icccm4:armhf	0.4.1-1	armhf	utility libraries for X C Binding -- icccm
ii	libxcb-image0:armhf	0.4.0-1	armhf	utility libraries for X C Binding -- image
ii	libxcb-keysyms1:armhf	0.4.0-1	armhf	utility libraries for X C Binding -- keysyms
ii	libxcb-present0:armhf	1.12-1	armhf	X C Binding, present extension
ii	libxcb-randr0:armhf	1.12-1	armhf	X C Binding, randr extension
ii	libxcb-render-util0:armhf	0.3.9-1	armhf	utility libraries for X C Binding -- render-util
ii	libxcb-render0:armhf	1.12-1	armhf	X C Binding, render extension
ii	libxcb-shape0:armhf	1.12-1	armhf	X C Binding, shape extension
ii	libxcb-shm0:armhf	1.12-1	armhf	X C Binding, shm extension
ii	libxcb-sync1:armhf	1.12-1	armhf	X C Binding, sync extension
ii	libxcb-util0:armhf	0.3.8-3	armhf	utility libraries for X C Binding -- atom, aux and event
ii	libxcb-xfixes0:armhf	1.12-1	armhf	X C Binding, xfixes extension
ii	libxcb-xinerama0:armhf	1.12-1	armhf	X C Binding, xinerama extension
ii	libxcb-xkb1:armhf	1.12-1	armhf	X C Binding, XKEYBOARD extension
ii	libxcb1:armhf	1.12-1	armhf	X C Binding
ii	libxcomposite1:armhf	1:0.4.4-2	armhf	X11 Composite extension library
ii	libxcursor1:armhf	1:1.1.14-1+b1	armhf	X cursor management library
ii	libxdamage1:armhf	1:1.1.4-2+b1	armhf	X11 damaged region extension library
ii	libxdmcp6:armhf	1:1.1.2-3	armhf	X11 Display Manager Control Protocol library
ii	libxext6:armhf	2:1.3.3-1	armhf	X11 miscellaneous extension library
ii	libxfce4util-bin	4.12.1-3	armhf	tools for libxfce4util
ii	libxfce4util-common	4.12.1-3	all	common files for libxfce4util
ii	libxfce4util7:armhf	4.12.1-3	armhf	Utility functions library for Xfce4
ii	libxfconf-0-2	4.12.1-1	armhf	Client library for Xfce4 configure interface
ii	libxfixes3:armhf	1:5.0.3-1	armhf	X11 miscellaneous 'fixes' extension library
ii	libxfont1:armhf	1:1.5.2-4	armhf	X11 font rasterisation library
ii	libxfont2:armhf	1:2.0.1-3	armhf	X11 font rasterisation library
ii	libxft2:armhf	2.3.2-1	armhf	FreeType-based font drawing library for X
ii	libxi6:armhf	2:1.7.9-1	armhf	X11 Input extension library
ii	libxinerama1:armhf	2:1.1.3-1+b1	armhf	X11 Xinerama extension library
ii	libxkbcommon-x11-0:armhf	0.7.1-1	armhf	library to create keymaps with the XKB X11 protocol
ii	libxkbcommon0:armhf	0.7.1-1	armhf	library interface to the XKB compiler - shared library
ii	libxkbfile1:armhf	1:1.0.9-2	armhf	X11 keyboard file manipulation library
ii	libxklavier16:armhf	5.4-2	armhf	X Keyboard Extension high-level API
ii	libxm4:armhf	2.3.4-13	armhf	Motif - X/Motif shared library
ii	libxml2:armhf	2.9.4+dfsg1-2.2+deb9u1	armhf	GNOME XML library
ii	libxmu6:armhf	2:1.1.2-2	armhf	X11 miscellaneous utility library
ii	libxmuu1:armhf	2:1.1.2-2	armhf	X11 miscellaneous micro-utility library
ii	libxpm4:armhf	1:3.5.12-1	armhf	X11 pixmap library
ii	libxrandr2:armhf	2:1.5.1-1	armhf	X11 RandR extension library
ii	libxrender1:armhf	1:0.9.10-1	armhf	X Rendering Extension client library
ii	libxres1:armhf	2:1.0.7-1	armhf	X11 Resource extension library
ii	libxshmfence1:armhf	1.2-1	armhf	X shared memory fences - shared library
ii	libxslt1.1:armhf	1.1.29-2.1	armhf	XSLT 1.0 processing library - runtime library
ii	libxss1:armhf	1:1.2.2-1	armhf	X11 Screen Saver extension library
ii	libxt6:armhf	1:1.1.5-1	armhf	X11 toolkit intrinsics library
ii	libxtables12:armhf	1.6.0+snapshot20161117-6	armhf	netfilter xtables library
ii	libxtst6:armhf	2:1.2.3-1	armhf	X11 Testing -- Record extension library
ii	libxv1:armhf	2:1.0.11-1	armhf	X11 Video extension library
ii	libxvidcore4:armhf	2:1.3.4-1	armhf	Open source MPEG-4 video codec (library)
ii	libxxf86dgal:armhf	2:1.1.4-1	armhf	X11 Direct Graphics Access extension library
ii	libxxf86vm1:armhf	1:1.1.4-1	armhf	X11 XFree86 video mode extension library
ii	libyajl2:armhf	2.1.0-2	armhf	Yet Another JSON Library
ii	libyaml-0-2:armhf	0.1.7-2	armhf	Fast YAML 1.1 parser and emitter library
ii	libzbar0:armhf	0.10+doc-10.1	armhf	bar code scanner and decoder (library)
ii	libzmq5:armhf	4.2.1-4	armhf	lightweight messaging kernel (shared library)
ii	libzvbi-common	0.2.35-13	all	Vertical Blanking Interval decoder (VBI) - common files
ii	libzvbi0:armhf	0.2.35-13	armhf	Vertical Blanking Interval decoder (VBI) - runtime files
ii	lightdm	1.18.3-1	armhf	simple display manager
ii	lightdm-gtk-greeter	2.0.2-1	armhf	simple display manager (GTK+ greeter)
ii	linux-base	4.5	all	Linux image base package
ii	linux-libc-dev:armhf	3.18.5-1~exp1+rpil9+stretch	armhf	Linux support headers for userspace development
ii	locales	2.24-11+deb9u1	all	GNU C Library: National Language (locale) data [support]
ii	login	1:4.4-4.1	armhf	system login tools

lygotate	3.11.0-0.1	armhfh	Log rotation utility
ii lp-solve	5.5.0.15-4	armhfh	Solve (mixed integer) linear programming problems
ii lsb-base	9.20161125+rpil	all	Linux Standard Base init script functionality
ii lsb-release	9.20161125+rpil	all	Linux Standard Base version reporting utility
ii lua5.1	5.1.5-8.1	armhfh	Simple, extensible, embeddable programming language
ii luajit	2.0.4~dfsg-1	armhfh	Just in time compiler for Lua programming language version 5.1
ii lxappearance	0.6.3-1	armhfh	LXDE GTK+ theme switcher
ii lxappearance-obconf	0.2.3-1	armhfh	LXDE GTK+ theme switcher (plugin)
ii lxde	9+rpil	all	Metapackage for LXDE
ii lxde-common	0.99.2-3	all	LXDE common configuration files
ii lxde-core	9+rpil	all	Metapackage for the LXDE core
ii lxde-icon-theme	0.5.1-2	all	LXDE standard icon theme
ii lxhotkey-core	0.1.0-1	armhfh	Lightweight global keyboard shortcuts configurator
ii lxhotkey-gtk	0.1.0-1	armhfh	LXHotkey keyboard shortcuts configurator (GTK+ GUI plugin)
ii lxinput	0.3.5-1+rpil2	armhfh	LXDE keyboard and mouse configuration
ii lxkeymap	0.8.0~bZR25-1+rpil3	all	Application that allows to easily switch between keyboard layouts
ii lxmenu-data	0.1.5-2	all	LXDE freedesktop.org menu specification
ii lxpanel	0.9.3-1+rpil3	armhfh	LXDE panel
ii lxpanel-data	0.9.3-1+rpil3	all	LXDE panel (data files)
ii lxplug-bluetooth	0.3	armhfh	Bluetooth plugin for lxpanel
ii lxplug-ejecter	0.2	armhfh	Ejecter plugin for lxpanel
ii lxplug-network	0.2	armhfh	Network plugin for lxpanel
ii lxplug-volume	0.5	armhfh	Volume plugin for lxpanel
ii lxpolkit	0.5.3-2	armhfh	LXDE PolicyKit authentication agent
ii lxrandr	0.3.1-1	armhfh	LXDE monitor configuration tool
ii lxsession	0.5.3-2	armhfh	LXDE default session manager
ii lxsession-data	0.5.3-2	all	Common files for lxsession
ii lxsession-edit	0.5.3-2	armhfh	configure what application start up automatically in LXDE
ii lxsession-logout	0.5.3-2	armhfh	utility to logout from a LXDE or an Openbox session
ii lxtask	0.1.8-1	armhfh	LXDE task manager
ii lxterminal	0.3.0-2+rpil	armhfh	LXDE terminal emulator
ii make	4.1-9.1	armhfh	utility for directing compilation
ii makedev	2.3.1-93	all	creates device files in /dev
ii man-db	2.7.6.1-2	armhfh	on-line manual pager
ii manpages	4.10-2	all	Manual pages about using a GNU/Linux system
ii manpages-dev	4.10-2	all	Manual pages about using GNU/Linux for development
ii mawk	1.3.3-17	armhfh	a pattern scanning and text processing language
ii menu-xdg	0.5	all	freedesktop.org menu compliant window manager scripts
ii mesa-utils	8.3.0-3	armhfh	Miscellaneous Mesa GL utilities
ii mesa-va-drivers:armhfh	13.0.6-1+rpil2	armhfh	Mesa VA-API video acceleration drivers
ii mesa-udpau-drivers:armhfh	13.0.6-1+rpil2	armhfh	Mesa VDPAAU video acceleration drivers
ii mime-support	3.60	all	MIME files 'mime.types' & 'mailcap', and support programs
ii minecraft-pi	0.1.1-5	armhfh	Minecraft for the Raspberry Pi
ii mount	2.29.2-1	armhfh	tools for mounting and manipulating filesystems
ii mountall	2.54	armhfh	filesystem mounting tool
ii multiarch-support	2.24-11+deb9u1	armhfh	Transitional package to ensure multiarch compatibility
ii nano	2.7.4-1	armhfh	small, friendly text editor inspired by Pico
ii ncd	1.12-1	armhfh	ncurses disk usage viewer
ii ncurses-base	6.0+20161126-1	all	basic terminal type definitions
ii ncurses-bin	6.0+20161126-1	armhfh	terminal-related programs and man pages
ii ncurses-term	6.0+20161126-1	all	additional terminal type definitions
ii net-tools	1.60+git20161116.90da8a0-1	armhfh	NET-3 networking toolkit
ii netbase	5.4	all	Basic TCP/IP networking system
ii netcat-openbsd	1.130-3	armhfh	TCP/IP swiss army knife
ii netcat-traditional	1.10-41	armhfh	TCP/IP swiss army knife
ii netsurf-common	3.6-3.1	all	small web browser with CSS support common files
ii netsurf-gtk	3.6-3.1	armhfh	small web browser with CSS support for GTK
ii nfs-common	1:1.3.4-2.1	armhfh	NFS support files common to client and server
ii nodejs	4.8.2~dfsg-1	armhfh	evented I/O for V8 javascript
ii nodejs-legacy	4.8.2~dfsg-1	all	evented I/O for V8 javascript (legacy symlink)
ii nodored	0.17.4	armhfh	Node-RED flow editor for the Internet of Things
ii nuscratch	20170112	armhfh	Scratch running on the Stack (Cog) VM
ii omxplayer	20170330~134343-2	armhfh	Command line media player for Raspberry Pi
ii openbox	3.6.1-4+rpil3	armhfh	standards-compliant, fast, light-weight and extensible window manager
ii openbox-lxde-session	0.99.2-3	all	LXDE session manager and configuration files

openresolv	3.8.0-1	armhf	management framework for resolv.conf
openssh-client	1:7.4p1-10+deb9u1	armhf	secure shell (SSH) client, for secure access to remote machines
openssh-server	1:7.4p1-10+deb9u1	armhf	secure shell (SSH) server, for secure access from remote machines
openssh-sftp-server	1:7.4p1-10+deb9u1	armhf	secure shell (SSH) sftp server module, for SFTP access from remote machines
openssl	1.1.0f-3	armhf	Secure Sockets Layer toolkit - cryptographic utility
oracle-java8-jdk	8u65	armhf	Java™ 8 Platform, Standard Edition 8 Development Kit
packagekit	1.1.5-2	armhf	Provides a package management service
parted	3.2-17	armhf	disk partition manipulator
passwd	1:4.4-4.1	armhf	change and administer password and group data
patch	2.7.5-1	armhf	Apply a diff file to an original
paxctld	1.2.1-1	armhf	Daemon to automatically set appropriate PaX flags
pcmanfm	1.2.5-3+rpil	armhf	extremely fast and lightweight file manager
perl	5.24.1-3+deb9u1	armhf	Larry Wall's Practical Extraction and Report Language
perl-base	5.24.1-3+deb9u1	armhf	minimal Perl system
perl-modules-5.24	5.24.1-3+deb9u1	all	Core Perl modules
pi-bluetooth	0.1.6	armhf	Raspberry Pi 3 bluetooth
pi-greeter	0.6	armhf	GTK greeter for Raspberry Pi
pi-package	0.3	armhf	Graphical distribution neutral package manager for GNOME
pi-package-data	0.3	all	Data files for GNOME-PackageKit
pi-package-session	0.3	armhf	Provides PackageKit session API for GNOME
piclone	0.7	armhf	SD Card backup program for Raspberry Pi
pigpio	1.60-1	armhf	Library for Raspberry Pi GPIO control
pimixer	0.20170803~152204	armhf	Fork of Xfce mixer application for the Raspberry Pi
pinentry-curses	1.0.0-2	armhf	curses-based PIN or pass-phrase entry dialog for GnuPG
pipanel	20170707~125920	armhf	Settings panel for Raspberry Pi desktop appearance
pishutdown	0.8	armhf	Desktop shutdown helper for Raspberry Pi
pkg-config	0.29-4	armhf	manage compile and link flags for libraries
plymouth	0.9.2-4+rpil	armhf	boot animation, logger and I/O multiplexer
plymouth-themes	0.9.2-4+rpil	armhf	boot animation, logger and I/O multiplexer - themes
point-rpi	0.20160905	armhf	Locate the mouse pointer over the menu button
policykit-1	0.105-18	armhf	framework for managing administrative policies and privileges
poppler-data	0.4.7-8	all	encoding data for the poppler PDF rendering library
poppler-utils	0.48.0-2	armhf	PDF utilities (based on Poppler)
pprompt	0.12	all	ssh password check
procps	2:3.3.12-3	armhf	/proc file system utilities
psmisc	22.21-2.1	armhf	utilities that use the proc file system
ppyp	5.6.0+dfsg-4+rpil	armhf	fast alternative implementation of Python - PyPy interpreter
ppypy-lib:armhf	5.6.0+dfsg-4+rpil	armhf	standard library for PyPy (an alternative Python interpreter)
python	2.7.13-2	armhf	interactive high-level object-oriented language (default version)
python-all	2.7.13-2	armhf	package depending on all supported Python runtime versions
python-all-dev	2.7.13-2	armhf	package depending on all supported Python development packages
python-apt-common	1.1.0~beta5	all	Python interface to libapt-pkg (locales)
python-automationhat	0.0.4	all	python library designed to control Automation HAT
python-blinker	1.3.dfsg2-1	all	Fast, simple object-to-object and broadcast signaling library
python-blinkt	0.1.0	all	python library designed to control Blinkt!
python-cairo	1.8.8-2.2	armhf	Python bindings for the Cairo vector graphics library
python-caplxxx	0.1.3	all	python library designed to drive various Microchip CAPlxxx touch ICs.
python-cffi-backend	1.9.1-2	armhf	Foreign Function Interface for Python calling C code - backend
python-chardet	2.3.0-2	all	universal character encoding detector for Python2
python-click	6.6-1	all	Simple wrapper around optparse for powerful command line utilities - Python 2.7
python-colorama	0.3.7-1	all	Cross-platform colored terminal text in Python - Python 2.x
python-crypto	2.6.1-7	armhf	cryptographic algorithms and protocols for Python
python-cryptography	1.7.1-3+b2	armhf	Python library exposing cryptographic recipes and primitives (Python 2)
python-dbus	1.2.4-1	armhf	simple interprocess messaging system (Python interface)
python-dev	2.7.13-2	armhf	header files and a static library for Python (default)
python-drumhat	0.0.5	all	python library designed to control Drum HAT.
python-enum34	1.1.6-1	all	backport of Python 3.4's enum package
python-envirophat	0.0.6	all	python library designed to control Enviro pHAT.
python-explorerhat	0.4.2	all	python library designed to control the Explorer HAT and pHAT.
python-flask	0.12.1-1	all	micro web framework based on Werkzeug and Jinja2 - Python 2.7
python-fourletterphat	0.0.2	all	Python library for the Pimoroni Four Letter pHAT
python-gi	3.22.0-2	armhf	Python 2.x bindings for GObject-introspection libraries
python-gobject	3.22.0-2	all	Python 2.x bindings for GObject - transitional package
python-gobject-2	2.28.6-13	armhf	deprecated static Python bindings for the GObject library
python-gpiozero	1.4.0	all	Simple API for controlling devices attached to a Pi's GPIO pins.

python-gtk2	2.24.0-5.1	armhf	Python bindings for the GTK+ widget set
python-idna	2.2-1	all	Python IDNA2008 (RFC 5891) handling (Python 2)
python-ipaddress	1.0.17-1	all	Backport of Python 3 ipaddress module (Python 2)
python-itsdangerous	0.24+dfsg1-2	all	Various helpers to pass trusted data to untrusted environment - Python 2.x
python-jinja2	2.8-1	all	small but fast and easy to use stand-alone template engine
python-jwt	1.4.2-1	all	Python implementation of JSON Web Token
python-keyring	10.1-1	all	store and access your passwords safely
python-keyrings.alt	1.3-1	all	alternate backend implementations for python-keyring
python-markupsafe	0.23-3	armhf	HTML/XHTML/XML string library for Python
python-microdotphat	0.1.3	all	python library designed to control Micro Dot pHAT.
python-minecraftpi	0.1.1-5	all	Python API for Minecraft Pi
python-minimal	2.7.13-2	armhf	minimal subset of the Python language (default version)
python-mote	0.0.3	all	python library designed to control Mote.
python-motephat	0.0.2	all	python library designed to control Mote pHAT
python-numpy	1:1.12.1-3	armhf	Numerical Python adds a fast array facility to the Python language
python-oauthlib	2.0.1-1	all	generic, spec-compliant implementation of OAuth for Python
python-openssl	16.2.0-1	all	Python 2 wrapper around the OpenSSL library
python-phatbeat	0.0.2	all	python library designed to control PHAT BEAT.
python-pianohat	0.0.5	all	python library designed to control Piano HAT.
python-picamera	1.13	armhf	Pure Python interface to the Raspberry Pi's camera module.
python-picraft	1.0	all	Alternative API for controlling Minecraft from Python.
python-piglow	1.2.4	all	python library designed to drive Piglow.
python-pigpio	1.60-1	all	Python module which talks to the pigpio daemon (Python 2)
python-pil:armhf	4.0.0-4	armhf	Python Imaging Library (Pillow fork)
python-pip	9.0.1-2	all	Python package installer
python-pip-whl	9.0.1-2	all	Python package installer
python-pkg-resources	33.1.1-1	all	Package Discovery and Resource Access using pkg_resources
python-pyasn1	0.1.9-2	all	ASN.1 library for Python (Python 2 module)
python-pygame	1.9.3+dfsg-2	armhf	SDL bindings for games development (Python 2)
python-pyinotify	0.9.6-1	all	simple Linux inotify Python bindings
python-rainbowhat	0.0.2	all	python library designed to control Rainbow HAT
python-requests	2.12.4-1	all	elegant and simple HTTP library for Python2, built for human beings
python-requests-oauthlib	0.7.0-0.1	all	module providing OAuthlib auth support for requests (Python 2)
python-rpi.gpio	0.6.3~stretch-1	armhf	Python GPIO module for Raspberry Pi
python-rtimulib	7.2.1-4	armhf	Versatile C++ and Python 9-dof, 10-dof and 11-dof IMU library (Python 2)
python-scrollphat	0.0.7	all	python library designed to control Scroll pHAT.
python-scrollphathd	1.0.1	all	Python library for the Pimoroni Scroll pHAT HD.
python-secretstorage	2.3.1-2	all	Python module for storing secrets - Python 2.x version
python-sense-emu	1.0	all	Client library for the Raspberry Pi Sense HAT emulator.
python-sense-emu-doc	1.0	all	Documentation for the Raspberry Pi Sense HAT emulator.
python-sense-hat	2.2.0-1	armhf	Sense HAT python library (Python 2)
python-serial	3.2.1-1	all	pyserial - module encapsulating access for the serial port
python-setuptools	33.1.1-1	all	Python Distutils Enhancements
python-simplejson	3.10.0-1	armhf	simple, fast, extensible JSON encoder/decoder for Python 2.x
python-six	1.10.0-3	all	python 2 and 3 compatibility library (Python 2 interface)
python-skywriter	0.0.7	all	python library designed to control Skywriter.
python-smbus:armhf	3.1.2-3	armhf	Python bindings for Linux SMBus access through i2c-dev
python-sn3218	1.2.7	all	python library to help control the SN3218 18-channel PWM LED driver.
python-spidev	2.0~git20150907+rpil	armhf	Python bindings for Linux SPI access through spidev (Python 2)
python-talloc	2.1.8-1	armhf	hierarchical pool based memory allocator - Python bindings
python-tk	2.7.13-1	armhf	Tkinter - Writing Tk applications with Python
python-touchphat	0.0.1	all	python library designed to control Touch pHAT
python-twython	3.4.0-1	all	Pure Python wrapper for the Twitter API
python-urllib3	1.19.1-1	all	HTTP library with thread-safe connection pooling for Python
python-werkzeug	0.11.15+dfsg1-1	all	collection of utilities for WSGI applications (Python 2.x)
python-wheel	0.29.0-2	all	built-package format for Python
python-xdg	0.25-4	all	Python 2 library to access freedesktop.org standards
python-xklavier	0.4-4	armhf	Python binding for libxklavier, an X Keyboard Extension API
python2.7	2.7.13-2	armhf	Interactive high-level object-oriented language (version 2.7)
python2.7-dev	2.7.13-2	armhf	Header files and a static library for Python (v2.7)
python2.7-minimal	2.7.13-2	armhf	Minimal subset of the Python language (version 2.7)
python3	3.5.3-1	armhf	interactive high-level object-oriented language (default python3 version)
python3-apt	1.1.0~beta5	armhf	Python 3 interface to libapt-pkg
python3-automationhat	0.0.4	all	python library designed to control Automation HAT
python3-blinker	1.3.dfsg2-1	all	fast, simple object-to-object and broadcast signaling library

python3-blinkt	0.1.0	all	python library designed to control Blinkt!
python3-caplxxx	0.1.3	all	python library designed to drive various Microchip CAPLxxx touch ICs.
python3-cffi-backend	1.9.1-2	armhf	Foreign Function Interface for Python 3 calling C code - runtime
python3-chardet	2.3.0-2	all	universal character encoding detector for Python3
python3-click	6.6-1	all	Simple wrapper around optparse for powerful command line utilities - Python 3.x
python3-colorama	0.3.7-1	all	Cross-platform colored terminal text in Python - Python 3.x
python3-crypto	2.6.1-7	armhf	cryptographic algorithms and protocols for Python 3
python3-cryptography	1.7.1-3+b2	armhf	Python library exposing cryptographic recipes and primitives (Python 3)
python3-dbus	1.2.4-1	armhf	simple interprocess messaging system (Python 3 interface)
python3-dev	3.5.3-1	armhf	header files and a static library for Python (default)
python3-drumhat	0.0.5	all	python library designed to control Drum HAT.
python3-envirophat	0.0.6	all	python library designed to control Enviro pHAT.
python3-explorerhat	0.4.2	all	python library designed to control the Explorer HAT and pHAT.
python3-flask	0.12.1-1	all	micro web framework based on Werkzeug and Jinja2 - Python 3.x
python3-fourletterphat	0.0.2	all	python library for the Pimoroni Four Letter pHAT
python3-gi	3.22.0-2	armhf	Python 3 bindings for GObject introspection libraries
python3-gpiozero	1.4.0	all	Simple API for controlling devices attached to a Pi's GPIO pins.
python3-idna	2.2-1	all	Python IDNA2008 (RFC 5891) handling (Python 3)
python3-itsdangerous	0.24+dfsg1-2	all	Various helpers to pass trusted data to untrusted environment - Python 3.x
python3-jedi	0.10.2-1+rpil	all	autocompletion tool for Python 3
python3-jinja2	2.8-1	all	small but fast and easy to use stand-alone template engine
python3-jwt	1.4.2-1	all	Python 3 implementation of JSON Web Token
python3-keyring	10.1-1	all	store and access your passwords safely - Python 3 version of the package
python3-keyrings.alt	1.3-1	all	alternate backend implementations for python3-keyring
python3-markupsafe	0.23-3	armhf	HTML/XHTML/XML string library for Python 3
python3-microdotphat	0.1.3	all	python library designed to control Micro Dot pHAT.
python3-minecraftpi	0.1.1-5	all	Python 3 API for Minecraft Pi
python3-minimal	3.5.3-1	armhf	minimal subset of the Python language (default python3 version)
python3-mote	0.0.3	all	python library designed to control Mote.
python3-motephath	0.0.2	all	python library designed to control Mote pHAT
python3-numpy	1:1.12.1-3	armhf	Fast array facility to the Python 3 language
python3-oauthlib	2.0.1-1	all	generic, spec-compliant implementation of OAuth for Python3
python3-openssl	16.2.0-1	all	Python 3 wrapper around the OpenSSL library
python3-pgzero	1.1-1	armhf	Zero-boilerplate games programming framework based on Pygame (Python 3)
python3-phatbeat	0.0.2	all	python library designed to control PHAT BEAT.
python3-pianohat	0.0.5	all	python library designed to control Piano HAT.
python3-picamera	1.13	armhf	Pure Python interface to the Raspberry Pi's camera module.
python3-picraft	1.0	all	Alternative API for controlling Minecraft from Python.
python3-piglow	1.2.4	all	python library designed to drive Piglow.
python3-pigpio	1.60-1	all	Python module which talks to the pigpio daemon (Python 3)
python3-pil:armhf	4.0.0-4	armhf	Python Imaging Library (Python3)
python3-pip	9.0.1-2	all	Python package installer
python3-pkg-resources	33.1.1-1	all	Package Discovery and Resource Access using pkg_resources
python3-pyasnl	0.1.9-2	all	ASN.1 library for Python (Python 3 module)
python3-pygame	1.9.3+dfsg-2	armhf	SDL bindings for games development (Python 3)
python3-pyinotify	0.9.6-1	all	simple Linux inotify Python bindings
python3-rainbowhat	0.0.2	all	python library designed to control Rainbow HAT
python3-requests	2.12.4-1	all	elegant and simple HTTP library for Python3, built for human beings
python3-requests-oauthlib	0.7.0-0.1	all	module providing OAuthlib auth support for requests (Python 3)
python3-rpi.gpio	0.6.3~stretch-1	armhf	Python 3 GPIO module for Raspberry Pi
python3-rtimulib	7.2.1-4	armhf	Versatile C++ and Python 9-dof, 10-dof and 11-dof IMU library (Python 3)
python3-scrollphat	0.0.7	all	python library designed to control Scroll pHAT.
python3-scrollphathd	1.0.1	all	Python library for the Pimoroni Scroll pHAT HD.
python3-secretstorage	2.3.1-2	all	Python module for storing secrets - Python 3.x version
python3-sense-emu	1.0	all	Client library for the Raspberry Pi Sense HAT emulator.
python3-sense-hat	2.2.0-1	armhf	Sense HAT python library (Python 3)
python3-serial	3.2.1-1	all	pyserial - module encapsulating access for the serial port
python3-setuptools	33.1.1-1	all	Python3 Distutils Enhancements
python3-simplejson	3.10.0-1	armhf	simple, fast, extensible JSON encoder/decoder for Python 3.x
python3-six	1.10.0-3	all	Python 2 and 3 compatibility library (Python 3 interface)
python3-skywriter	0.0.7	all	python library designed to control Skywriter.
python3-smbus:armhf	3.1.2-3	armhf	Python 3 bindings for Linux SMBus access through i2c-dev
python3-sn3218	1.2.7	all	python library to help control the SN3218 18-channel PWM LED driver.
python3-spidev	2.0~git20150907+rpil	armhf	Python bindings for Linux SPI access through spidev (Python 3)
python3-thonny	2.1.10-1+rpil6	all	Python IDE for beginners

python3-tk:armhf	3.5.3-1	armhf	Tkinter - Writing Tk applications with Python 3.x
python3-touchphat	0.0.1	all	python library designed to control Touch pHAT
python3-twython	3.4.0-1	all	Pure Python3 wrapper for the Twitter API
python3-uno	1:5.2.7-1+rpil	armhf	Python-UNO bridge
python3-urllib3	1.19.1-1	all	HTTP library with thread-safe connection pooling for Python3
python3-venv	3.5.3-1	armhf	pyvenv-3 binary for python3 (default python3 version)
python3-werkzeug	0.11.15+dfsg1-1	all	collection of utilities for WSGI applications (Python 3.x)
python3-wheel	0.29.0-2	all	built-package format for Python
python3-xdg	0.25-4	all	Python 3 library to access freedesktop.org standards
python3.5	3.5.3-1	armhf	Interactive high-level object-oriented language (version 3.5)
python3.5-dev	3.5.3-1	armhf	Header files and a static library for Python (v3.5)
python3.5-minimal	3.5.3-1	armhf	Minimal subset of the Python language (version 3.5)
python3.5-venv	3.5.3-1	armhf	Interactive high-level object-oriented language (pyvenv binary, version 3.5)
qjackctl	0.4.4-1	armhf	User interface for controlling the JACK sound server
qt5-gtk-platformtheme:armhf	5.7.1+dfsg-3+rpil	armhf	Qt 5 GTK+ 3 platform theme
qtranslations5-110n	5.7.1~20161021-1	all	translations for Qt 5
rake	10.5.0-2	all	ruby make-like utility
raspberrypi-artwork	20150921	all	Copy of the Raspberry Pi logo
raspberrypi-bootloader	1.20170811-1	armhf	Raspberry Pi bootloader
raspberrypi-kernel	1.20170811-1	armhf	Raspberry Pi bootloader
raspberrypi-net-mods	1.2.7	all	Network configuration for the Raspberry Pi UI
raspberrypi-sys-mods	20170717	armhf	System tweaks for the Raspberry Pi
raspberrypi-ui-mods	1.20170725	all	Config to customise the LXDE UI for the Raspberry Pi
raspbian-archive-keyring	20120528.2	all	GnuPG archive keys of the raspbian archive
raspi-config	20170811	all	Raspberry Pi configuration tool
raspi-copies-and-fills	0.5-1	armhf	ARM-accelerated versions of selected functions from string.h
raspi-gpio	0.20170105	armhf	Dump the state of the BCM270x GPIOs
rc-gui	1.13	armhf	raspi-config GUI
read-edid	3.0.2-1	armhf	hardware information-gathering tool for VESA PnP monitors
readline-common	7.0-3	all	GNU readline and history libraries, common files
realpath	8.26-3	all	coreutils realpath transitional package
realvnc-vnc-server	6.1.1.28093	armhf	VNCÂ® Server
realvnc-vnc-viewer	6.1.1.28093	armhf	VNCÂ® Viewer
rename	0.20-4	all	Perl extension for renaming multiple files
rfkill	0.5-1	armhf	tool for enabling and disabling wireless devices
rpcbind	0.2.3-0.6	armhf	converts RPC program numbers into universal addresses
rpd-icons	0.10	all	Icons for Raspberry Pi Desktop
rpd-plym-splash	0.13	armhf	Raspberry Pi Desktop splashscreen
rpd-wallpaper	0.4	all	Wallpaper for Raspberry Pi Desktop
rpi-chromium-mods	20170809	armhf	Raspberry Pi-specific mods to Chromium
rpi-update	20140705	all	Raspberry Pi firmware updating tool
rsync	3.1.2-1	armhf	fast, versatile, remote (and local) file-copying tool
rsyslog	8.24.0-1	armhf	reliable system and kernel logging daemon
ruby	1:2.3.3	armhf	Interpreter of object-oriented scripting language Ruby (default version)
ruby-did-you-mean	1.0.0-2	all	smart error messages for Ruby > 2.3
ruby-minitest	5.9.0-1	all	Ruby test tools supporting TDD, BDD, mocking, and benchmarking
ruby-net-telnet	0.1.1-2	all	telnet client library
ruby-power-assert	0.3.0-1	all	library showing values of variables and method calls in an expression
ruby-test-unit	3.1.7-2	all	unit testing framework for Ruby
ruby2.3	2.3.3-1	armhf	Interpreter of object-oriented scripting language Ruby
rubygems-integration	1.11	all	integration of Debian Ruby packages with Rubygems
samba-common	2:4.5.8+dfsg-2+deb9u1	all	common files used by both the Samba server and client
samba-libs:armhf	2:4.5.8+dfsg-2+deb9u1	armhf	Samba core libraries
scratch	1.4.0.6~dfsg1-5	all	easy to use programming environment for ages 8 and up
scratch2	0.16	armhf	Electron build of Scratch 2 offline
scrot	0.8-18	armhf	command line screen capture utility
sed	4.4-1	armhf	GNU stream editor for filtering/transforming text
sense-emu-tools	1.0	all	Emulator for the Raspberry Pi Sense HAT.
sense-hat	1.2	all	Sense HAT configuration, libraries and examples
sensible-utils	0.0.9	all	Utilities for sensible alternative selection
sgml-base	1.29	all	SGML infrastructure and SGML catalog file support
shared-mime-info	1.8-1	armhf	FreeDesktop.org shared MIME database and spec
smartsim	1.2.1-4	armhf	Digital logic circuit design and simulation package.
sonic-pi	1:3.0.1	armhf	Sonic Pi - The Live Coding Music Synth for Everyone.
squeak-plugins-scratch	1.4.0.2~svn.r83-2.1	armhf	Squeak plugins for the Scratch programming environment

ispeak-vm	1:4.10.2.2614-4.1	armhf	Unix Speak virtual machine
ssh	1:7.4p1-10+deb9u1	all	secure shell client and server (metapackage)
strace	4.15-2	armhf	System call tracer
sudo	1.8.19p1-2.1	armhf	Provide limited super user privileges to specific users
supercollider-server	1:3.7.0~repack-4	armhf	real time audio synthesis server
systemd	232-25+deb9u1	armhf	system and service manager
systemd-sysv	232-25+deb9u1	armhf	system and service manager - SysV links
sysvinit-utils	2.88dsf-59.9	armhf	System-V-like utilities
tar	1.29b-1.1	armhf	GNU version of the tar archiving utility
tasksel	3.39	all	tool for selecting tasks for installation on Debian systems
tasksel-data	3.39	all	official tasks used for installation of Debian systems
tcpd	7.6.q-26	armhf	Wietse Venema's TCP wrapper utilities
timidity	2.13.2-40.5	armhf	Software sound renderer (MIDI sequencer, MOD player)
tk8.6-blt2.5	2.5.3+dfsg-3	armhf	graphics extension library for Tcl/Tk - library
traceroute	1:2.1.0-2	armhf	Traces the route taken by packets over an IPv4/IPv6 network
tree	1.7.0-5	armhf	displays an indented directory tree, in color
triggerhappy	0.5.0-1	armhf	global hotkey daemon for Linux
tzdata	2017b-1	all	time zone and daylight-saving time data
ucf	3.0036	all	Update Configuration File(s): preserve user changes to config files
udev	232-25+deb9u1	armhf	/dev/ and hotplug management daemon
udisks2	2.1.8-1	armhf	D-Bus service to access and manipulate storage devices
uno-libs3	5.2.7-1+rpil	armhf	LibreOffice UNO runtime environment -- public shared libraries
unzip	6.0-21	armhf	De-archiver for .zip files
ure	5.2.7-1+rpil	armhf	LibreOffice UNO runtime environment
usb-modeswitch	2.5.0+repack0-1	armhf	mode switching tool for controlling "flip flop" USB devices
usb-modeswitch-data	20170120-1	all	mode switching data for usb-modeswitch
usbutils	1:007-4	armhf	Linux USB utilities
util-linux	2.29.2-1	armhf	miscellaneous system utilities
uuid	1.6.2-1.5+b3	armhf	Universally Unique Identifier Command-Line Tool
v4l-utils	1.12.3-1	armhf	Collection of command line video4linux utilities
va-driver-all:armhf	1.7.3-2	armhf	Video Acceleration (VA) API -- driver metapackage
vdpa-driver-all:armhf	1.1.1-6	armhf	Video Decode and Presentation API for Unix (driver metapackage)
vim-common	2:8.0.0197-4	all	Vi IMproved - Common files
vim-tiny	2:8.0.0197-4	armhf	Vi IMproved - enhanced vi editor - compact version
wget	1.18-5	armhf	retrieves files from the web
whiptail	0.52.19-1	armhf	Displays user-friendly dialog boxes from shell scripts
wireless-regdb	2016.06.10-1	all	wireless regulatory database
wireless-tools	30~pre9-12	armhf	Tools for manipulating Linux Wireless Extensions
wiringpi	2.44	armhf	The wiringPi libraries, headers and gpio command
wolfram-engine	11.0.1+2017071100	armhf	Mathematica® and the Wolfram Language
wpasupplicant	2:2.4-1	armhf	client support for WPA and WPA2 (IEEE 802.11i)
x11-common	1:7.7+19	all	X Window System (X.Org) infrastructure
x11-utils	7.7+3	armhf	X11 utilities
x11-xkb-utils	7.7+3	armhf	X11 XKB utilities
x11-xserver-utils	7.7+7	armhf	X server utilities
x2x	1.30-3	armhf	Link two X displays together, simulating a multiheaded display
xarchiver	1:0.5.4-7	armhf	GTK+ frontend for most used compression formats
xauth	1:1.0.9-1	armhf	X authentication utility
xcompmgr	1.1.7-1	armhf	X composition manager
xdg-user-dirs	0.15-2	armhf	tool to manage well known user directories
xdg-utils	1.1.1-1	all	desktop integration utilities from freedesktop.org
xfconf	4.12.1-1	armhf	utilities for managing settings in Xfce
xfonts-100dpi	1:1.0.4+nmul	all	100 dpi fonts for X
xfonts-encodings	1:1.0.4-2	all	Encodings for X.Org fonts
xfonts-utils	1:7.7+4	armhf	X Window System font utility programs
xinit	1.3.4-3	armhf	X server initialisation tool
xinput	1.6.2-1	armhf	Runtime configuration and test of XInput devices
xkb-data	2.19-1	all	X Keyboard Extension (XKB) configuration data
xml-core	0.17	all	XML infrastructure and XML catalog file support
xpdf	3.04-4	armhf	Portable Document Format (PDF) reader
xserver-common	2:1.19.2-1+deb9u1+rpil	all	common files used by various X servers
xserver-xorg	1:7.7+19	armhf	X.Org X server
xserver-xorg-core	2:1.19.2-1+deb9u1+rpil	armhf	Xorg X server - core server
xserver-xorg-input-all	1:7.7+19	armhf	X.Org X server -- input driver metapackage
xserver-xorg-input-libinput	0.23.0-2	armhf	X.Org X server -- libinput input driver

ii	xserver-xorg-video-fbdev	1:0.4.4-1+rvt+b1	armhf	X.Org X server -- fbdev display driver
ii	xserver-xorg-video-fbturbo	1.20170324~143242	armhf	X.Org X server -- fbturbo display driver
ii	xxd	2:8.0.0197-4	armhf	tool to make (or reverse) a hex dump
ii	xz-utils	5.2.2-1.2	armhf	XZ-format compression utilities
ii	zenity	3.22.0-1	armhf	Display graphical dialog boxes from shell scripts
ii	zenity-common	3.22.0-1	all	Display graphical dialog boxes from shell scripts (common files)
ii	zip	3.0-11	armhf	Archiver for .zip files
ii	zlib1g:armhf	1:1.2.8.dfsg-5	armhf	compression library - runtime
ii	zlib1g-dev:armhf	1:1.2.8.dfsg-5	armhf	compression library - development