

1	ii	accounts-service	0.6.55-0ubuntu11	amd64	query and manipulate user account information
2	ii	acl	2.2.53-6	amd64	access control list - utilities
3	ii	acpi-support	0.143	amd64	scripts for handling many ACPI events
4	ii	acpid	1:2.0.32-1ubuntu1	amd64	Advanced Configuration and Power Interface event daemon
5	ii	adduser	3.118ubuntu2	all	add and remove users and groups
6	ii	adwaita-icon-theme	3.36.0-1ubuntu1	all	default icon theme of GNOME (small subset)
7	ii	alsa-base	1.0.25+dfsg-0ubuntu5	all	ALSA driver configuration files
8	ii	alsa-topology-conf	1.2.2-1	all	ALSA topology configuration files
9	ii	alsa-ucm-conf	1.2.2-1	all	ALSA Use Case Manager configuration files
10	ii	alsa-utils	1.2.2-1ubuntu1	amd64	Utilities for configuring and using ALSA
11	ii	amd64-microcode	3.20191218.1ubuntu1	amd64	Processor microcode firmware for AMD CPUs
12	ii	anacron	2.3-29	amd64	cron-like program that doesn't go by time
13	ii	apg	2.2.3.dfsg.1-5	amd64	Automated Password Generator - Standalone version
14	ii	app-install-data-partner	19.04	all	Application Installer (data files for partner applications/repositories)
15	ii	apparmor	2.13.3-7ubuntu5	amd64	user-space parser utility for AppArmor
16	ii	apport	2.20.11-0ubuntu27	all	automatically generate crash reports for debugging
17	ii	apport-gtk	2.20.11-0ubuntu27	all	GTK+ frontend for the apport crash report system
18	ii	apport-symptoms	0.23	all	symptom scripts for apport
19	ii	appstream	0.12.10-2	amd64	Software component metadata management
20	ii	apt	2.0.2	amd64	commandline package manager
21	ii	apt-utils	2.0.2	amd64	package management related utility programs
22	ii	aptdaemon	1.1.1+bzr982-0ubuntu32	all	transaction based package management service
23	ii	aptdaemon-data	1.1.1+bzr982-0ubuntu32	all	data files for clients
24	ii	apturl	0.5.2ubuntu19	amd64	install packages using the apt protocol - GTK+ frontend
25	ii	apturl-common	0.5.2ubuntu19	amd64	install packages using the apt protocol - common data
26	ii	aspell	0.60.8-1build1	amd64	GNU Aspell spell-checker
27	ii	aspell-en	2018.04.16-0-1	all	English dictionary for GNU Aspell
28	ii	at-spi2-core	2.36.0-2	amd64	Assistive Technology Service Provider Interface (dbus core)
29	ii	avahi-autoipd	0.7-4ubuntu7	amd64	Avahi IPv4LL network address configuration daemon
30	ii	avahi-daemon	0.7-4ubuntu7	amd64	Avahi mDNS/DNS-SD daemon
31	ii	avahi-utils	0.7-4ubuntu7	amd64	Avahi browsing, publishing and discovery utilities
32	ii	base-files	11ubuntu5	amd64	Debian base system miscellaneous files
33	ii	base-passwd	3.5.47	amd64	Debian base system master password and group files
34	ii	bash	5.0-6ubuntu1	amd64	GNU Bourne Again SHell
35	ii	bash-completion	1:2.10-1ubuntu1	all	programmable completion for the bash shell
36	ii	bc	1.07.1-2build1	amd64	GNU bc arbitrary precision calculator language
37	ii	bind9-dnsutils	1:9.16.1-0ubuntu2	amd64	Clients provided with BIND 9
38	ii	bind9-host	1:9.16.1-0ubuntu2	amd64	DNS Lookup Utility
39	ii	bind9-libs:amd64	1:9.16.1-0ubuntu2	amd64	Shared Libraries used by BIND 9
40	ii	bluez	5.53-0ubuntu3	amd64	Bluetooth tools and daemons
41	ii	bluez-cups	5.53-0ubuntu3	amd64	Bluetooth printer driver for CUPS

42	ii	bluez-obexd	5.53-0ubuntu3	amd64	bluez obex daemon
43	ii	bolt	0.8-4	amd64	system daemon to manage thunderbolt 3 devices
44	ii	brltty	6.0+dfsg-4ubuntu6	amd64	Access software for a blind person using a braille display
45	ii	bsdmainutils	11.1.2ubuntu3	amd64	collection of more utilities from FreeBSD
46	ii	bsdutils	1:2.34-0.1ubuntu9	amd64	basic utilities from 4.BSD-Lite
47	ii	bubblewrap	0.4.0-1ubuntu4	amd64	setuid wrapper for unprivileged chroot and namespace manipulation
48	ii	busybox-initramfs	1:1.30.1-4ubuntu6	amd64	Standalone shell setup for initramfs
49	ii	busybox-static	1:1.30.1-4ubuntu6	amd64	Standalone rescue shell with tons of builtin utilities
50	ii	bzip2	1.0.8-2	amd64	high-quality block-sorting file compressor - utilities
51	ii	ca-certificates	20190110ubuntu1	all	Common CA certificates
52	ii	cheese-common	3.34.0-1build1	all	Common files for the Cheese tool to take pictures and videos
53	ii	colord	1.4.4-2	amd64	system service to manage device colour profiles -- system daemon
54	ii	colord-data	1.4.4-2	all	system service to manage device colour profiles -- data files
55	ii	command-not-found	20.04.2	all	Suggest installation of packages in interactive bash sessions
56	ii	console-setup	1.194ubuntu3	all	console font and keymap setup program
57	ii	console-setup-linux	1.194ubuntu3	all	Linux specific part of console-setup
58	ii	coreutils	8.30-3ubuntu2	amd64	GNU core utilities
59	ii	cpio	2.13+dfsg-2	amd64	GNU cpio -- a program to manage archives of files
60	ii	cpp	4:9.3.0-1ubuntu2	amd64	GNU C preprocessor (cpp)
61	ii	cpp-9	9.3.0-10ubuntu2	amd64	GNU C preprocessor
62	ii	cracklib-runtime	2.9.6-3.2	amd64	runtime support for password checker library cracklib2
63	ii	crda	3.18-1build1	amd64	wireless Central Regulatory Domain Agent
64	ii	cron	3.0pl1-136ubuntu1	amd64	process scheduling daemon
65	ii	cups	2.3.1-9ubuntu1	amd64	Common UNIX Printing System(tm) - PPD/driver support, web interface
66	ii	cups-browsed	1.27.4-1	amd64	OpenPrinting CUPS Filters - cups-browsed
67	ii	cups-bsd	2.3.1-9ubuntu1	amd64	Common UNIX Printing System(tm) - BSD commands
68	ii	cups-client	2.3.1-9ubuntu1	amd64	Common UNIX Printing System(tm) - client programs (SysV)
69	ii	cups-common	2.3.1-9ubuntu1	all	Common UNIX Printing System(tm) - common files
70	ii	cups-core-drivers	2.3.1-9ubuntu1	amd64	Common UNIX Printing System(tm) - driverless printing
71	ii	cups-daemon	2.3.1-9ubuntu1	amd64	Common UNIX Printing System(tm) - daemon
72	ii	cups-filters	1.27.4-1	amd64	OpenPrinting CUPS Filters - Main Package
73	ii	cups-filters-core-drivers	1.27.4-1	amd64	OpenPrinting CUPS Filters - Driverless printing
74	ii	cups-ipp-utils	2.3.1-9ubuntu1	amd64	Common UNIX Printing System(tm) - IPP developer/admin utilities
75	ii	cups-pk-helper	0.2.6-1ubuntu3	amd64	PolicyKit helper to configure cups with fine-grained privileges
76	ii	cups-ppdc	2.3.1-9ubuntu1	amd64	Common UNIX Printing System(tm) - PPD manipulation utilities
77	ii	cups-server-common	2.3.1-9ubuntu1	all	Common UNIX Printing System(tm) - server common files
78	ii	dash	0.5.10.2-6	amd64	POSIX-compliant shell
79	ii	dbus	1.12.16-2ubuntu2	amd64	simple interprocess messaging system (daemon and utilities)
80	ii	dbus-user-session	1.12.16-2ubuntu2	amd64	simple interprocess messaging system (systemd --user integration)
81	ii	dbus-x11	1.12.16-2ubuntu2	amd64	simple interprocess messaging system (X11 deps)
82	ii	dc	1.07.1-2build1	amd64	GNU dc arbitrary precision reverse-polish calculator

83	ii	dconf-cli	0.36.0-1	amd64	simple configuration storage system - utilities
84	ii	dconf-gsettings-backend:amd64	0.36.0-1	amd64	simple configuration storage system - GSettings back-end
85	ii	dconf-service	0.36.0-1	amd64	simple configuration storage system - D-Bus service
86	ii	debconf	1.5.73	all	Debian configuration management system
87	ii	debconf-i18n	1.5.73	all	full internationalization support for debconf
88	ii	debianutils	4.9.1	amd64	Miscellaneous utilities specific to Debian
89	ii	desktop-file-utils	0.24-1ubuntu2	amd64	Utilities for .desktop files
90	ii	dictionaries-common	1.28.1	all	spelling dictionaries - common utilities
91	ii	diffutils	1:3.7-3	amd64	File comparison utilities
92	ii	dirmngr	2.2.19-3ubuntu2	amd64	GNU privacy guard - network certificate management service
93	ii	distro-info-data	0.43ubuntu1	all	information about the distributions' releases (data files)
94	ii	dmidecode	3.2-3	amd64	SMBIOS/DMI table decoder
95	ii	dmsetup	2:1.02.167-1ubuntu1	amd64	Linux Kernel Device Mapper userspace library
96	ii	dmz-cursor-theme	0.4.5ubuntu1	all	Style neutral, scalable cursor theme
97	ii	dns-root-data	2019052802	all	DNS root data including root zone and DNSSEC key
98	ii	dnsmasq-base	2.80-1.1ubuntu1	amd64	Small caching DNS proxy and DHCP/TFTP server
99	ii	docbook-xml	4.5-9	all	standard XML documentation system for software and systems
100	ii	dosfstools	4.1-2	amd64	utilities for making and checking MS-DOS FAT filesystems
101	ii	dpkg	1.19.7ubuntu3	amd64	Debian package management system
102	ii	e2fsprogs	1.45.5-2ubuntu1	amd64	ext2/ext3/ext4 file system utilities
103	ii	ed	1.16-1	amd64	classic UNIX line editor
104	ii	efibootmgr	17-1	amd64	Interact with the EFI Boot Manager
105	ii	eject	2.1.5+deb1+cvs20081104-14	amd64	ejects CDs and operates CD-Changers under Linux
106	ii	emacsen-common	3.0.4	all	Common facilities for all emacsen
107	ii	enchant-2	2.2.8-1	amd64	Wrapper for various spell checker engines (binary programs)
108	ii	eog	3.36.1-1	amd64	Eye of GNOME graphics viewer program
109	ii	espeak-ng-data:amd64	1.50+dfsg-6	amd64	Multi-lingual software speech synthesizer: speech data files
110	ii	evince	3.36.0-2	amd64	Document (PostScript, PDF) viewer
111	ii	evince-common	3.36.0-2	all	Document (PostScript, PDF) viewer - common files
112	ii	evolution-data-server	3.36.1-2	amd64	evolution database backend server
113	ii	evolution-data-server-common	3.36.1-2	all	architecture independent files for Evolution Data Server
114	ii	fdisk	2.34-0.1ubuntu9	amd64	collection of partitioning utilities
115	ii	file	1:5.38-4	amd64	Recognize the type of data in a file using "magic" numbers
116	ii	file-roller	3.36.1-1	amd64	archive manager for GNOME
117	ii	findutils	4.7.0-1ubuntu1	amd64	utilities for finding files--find, xargs
118	ii	firefox	75.0+build3-0ubuntu1	amd64	Safe and easy web browser from Mozilla
119	ii	firefox-locale-en	86.0+build3-0ubuntu0.20.04.1	amd64	English language pack for Firefox
120	ii	firefox-locale-fr	86.0+build3-0ubuntu0.20.04.1	amd64	French language pack for Firefox
121	ii	fontconfig	2.13.1-2ubuntu3	amd64	generic font configuration library - support binaries
122	ii	fontconfig-config	2.13.1-2ubuntu3	all	generic font configuration library - configuration
123	ii	fonts-beng	2:1.2	all	Metapackage to install Bengali and Assamese fonts

124	ii	fonts-beng-extra	1.0-7	all	TrueType fonts for Bengali language
125	ii	fonts-dejavu-core	2.37-1	all	Vera font family derivate with additional characters
126	ii	fonts-deva	2:1.2	all	Meta package to install all Devanagari fonts
127	ii	fonts-deva-extra	3.0-5	all	Free fonts for Devanagari script
128	ii	fonts-droid-fallback	1:6.0.1r16-1.1	all	handheld device font with extensive style and language support (fallback)
129	ii	fonts-freefont-ttf	20120503-10	all	Freefont Serif, Sans and Mono Truetype fonts
130	ii	fonts-gargi	2.0-4	all	OpenType Devanagari font
131	ii	fonts-gubbi	1.3-3	all	Gubbi free font for Kannada script
132	ii	fonts-gujr	2:1.3	all	Meta package to install all Gujarati fonts
133	ii	fonts-gujr-extra	1.0.1-1	all	Free fonts for Gujarati script
134	ii	fonts-guru	2:1.2	all	Meta package to install all Punjabi fonts
135	ii	fonts-guru-extra	2.0-5	all	Free fonts for Punjabi language
136	ii	fonts-indic	2:1.3	all	Meta package to install all Indian language fonts
137	ii	fonts-kacst	2.01+mry-14	all	KACST free TrueType Arabic fonts
138	ii	fonts-kacst-one	5.0+svn11846-10	all	TrueType font designed for Arabic language
139	ii	fonts-kalapi	1.0-3	all	Kalapi Gujarati Unicode font
140	ii	fonts-khmeros-core	5.0-7ubuntu1	all	KhmerOS Unicode fonts for the Khmer language of Cambodia
141	ii	fonts-knda	2:1.2	all	Meta package for Kannada fonts
142	ii	fonts-lao	0.0.20060226-9ubuntu1	all	TrueType font for Lao language
143	ii	fonts-liberation	1:1.07.4-11	all	Fonts with the same metrics as Times, Arial and Courier
144	ii	fonts-liberation2	2.1.0-1	all	Fonts with the same metrics as Times, Arial and Courier (v2)
145	ii	fonts-lklug-sinhala	0.6-3	all	Unicode Sinhala font by Lanka Linux User Group
146	ii	fonts-lohit-beng-assamese	2.91.5-1	all	Lohit TrueType font for Assamese Language
147	ii	fonts-lohit-beng-bengali	2.91.5-1	all	Lohit TrueType font for Bengali Language
148	ii	fonts-lohit-deva	2.95.4-4	all	Lohit TrueType font for Devanagari script
149	ii	fonts-lohit-gujr	2.92.4-4	all	Lohit TrueType font for Gujarati Language
150	ii	fonts-lohit-guru	2.91.2-1	all	Lohit TrueType font for Punjabi Language
151	ii	fonts-lohit-knda	2.5.4-2	all	Lohit TrueType font for Kannada Language
152	ii	fonts-lohit-mlym	2.92.2-1	all	Lohit TrueType font for Malayalam Language
153	ii	fonts-lohit-orya	2.91.2-1	all	Lohit TrueType font for Oriya Language
154	ii	fonts-lohit-taml	2.91.3-1	all	Lohit TrueType font for Tamil Language
155	ii	fonts-lohit-taml-classical	2.5.4-1	all	Lohit Tamil TrueType fonts for Tamil script
156	ii	fonts-lohit-telu	2.5.5-1	all	Lohit TrueType font for Telugu Language
157	ii	fonts-mlym	2:1.2	all	Meta package to install all Malayalam fonts
158	ii	fonts-nakula	1.0-3	all	Free Unicode compliant Devanagari font
159	ii	fonts-navilu	1.2-2	all	Handwriting font for Kannada
160	ii	fonts-noto-cjk	1:20190410+repack1-2	all	"No Tofu" font families with large Unicode coverage (CJK regular and bold)
161	ii	fonts-noto-color-emoji	0~20200408-1	all	color emoji font from Google
162	ii	fonts-noto-mono	20200323-1	all	"No Tofu" monospaced font family with large Unicode coverage
163	ii	fonts-opensymbol	2:102.11+LibO6.4.2-0ubuntu3	all	OpenSymbol TrueType font
164	ii	fonts-orya	2:1.2	all	Meta package to install all Oriya fonts

165	ii	fonts-orya-extra	2.0-6	all	Free fonts for Odia script
166	ii	fonts-pagul	1.0-7	all	Free TrueType font for the Sourashtra language
167	ii	fonts-sahadeva	1.0-4	all	Free Unicode compliant Devanagari font
168	ii	fonts-samyak-deva	1.2.2-4	all	Samyak TrueType font for Devanagari script
169	ii	fonts-samyak-gujr	1.2.2-4	all	Samyak TrueType font for Gujarati language
170	ii	fonts-samyak-mlym	1.2.2-4	all	Samyak TrueType font for Malayalam language
171	ii	fonts-samyak-taml	1.2.2-4	all	Samyak TrueType font for Tamil language
172	ii	fonts-sarai	1.0-2	all	truetype font for devanagari script
173	ii	fonts-sil-abyssinica	2.000-1	all	Unicode font for the Ethiopic script
174	ii	fonts-sil-padauk	4.000-1	all	Burmese Unicode TrueType font with OpenType and Graphite support
175	ii	fonts-smc	1:7.1	all	Metapackage for various TrueType fonts for Malayalam Language
176	ii	fonts-smc-anjalioldlipi	7.1.2-1	all	AnjaliOldLipi malayalam font
177	ii	fonts-smc-chilanka	1.400-1	all	Chilanka malayalam font
178	ii	fonts-smc-dyuthi	3.0.2-1	all	Dyuthi malayalam font
179	ii	fonts-smc-gayathri	1.100-1	all	Gayathri Malayalam font
180	ii	fonts-smc-karumbi	1.1.2-1	all	Karumbi malayalam font
181	ii	fonts-smc-keraleeyam	3.0.2-1	all	Keraleeyam malayalam font
182	ii	fonts-smc-manjari	1.710-1	all	Manjari malayalam font
183	ii	fonts-smc-meera	7.0.3-1	all	Meera malayalam font
184	ii	fonts-smc-rachana	7.0.2-1	all	Rachana malayalam font
185	ii	fonts-smc-raghumalayalamsans	2.2.1-1	all	RaghuMalayalamSans malayalam font
186	ii	fonts-smc-suruma	3.2.3-1	all	Suruma malayalam font
187	ii	fonts-smc-uroob	2.0.2-1	all	Uroob malayalam font
188	ii	fonts-taml	2:1.3	all	Meta package to install all Tamil fonts
189	ii	fonts-telu	2:1.2	all	Meta package to install all Telugu fonts
190	ii	fonts-telu-extra	2.0-4	all	Free fonts for Telugu script
191	ii	fonts-thai-tlwg	1:0.7.1-3	all	Thai fonts maintained by TLWG (metapackage)
192	ii	fonts-tibetan-machine	1.901b-5	all	font for Tibetan, Dzongkha and Ladakhi (OpenType Unicode)
193	ii	fonts-tlwg-garuda	1:0.7.1-3	all	Thai Garuda font (dependency package)
194	ii	fonts-tlwg-garuda-ttf	1:0.7.1-3	all	Thai Garuda TrueType font
195	ii	fonts-tlwg-kinnari	1:0.7.1-3	all	Thai Kinnari font (dependency package)
196	ii	fonts-tlwg-kinnari-ttf	1:0.7.1-3	all	Thai Kinnari TrueType font
197	ii	fonts-tlwg-laksaman	1:0.7.1-3	all	Thai Laksaman font (dependency package)
198	ii	fonts-tlwg-laksaman-ttf	1:0.7.1-3	all	Thai Laksaman TrueType font
199	ii	fonts-tlwg-loma	1:0.7.1-3	all	Thai Loma font (dependency package)
200	ii	fonts-tlwg-loma-ttf	1:0.7.1-3	all	Thai Loma TrueType font
201	ii	fonts-tlwg-mono	1:0.7.1-3	all	Thai TlwgMono font (dependency package)
202	ii	fonts-tlwg-mono-ttf	1:0.7.1-3	all	Thai TlwgMono TrueType font
203	ii	fonts-tlwg-norasi	1:0.7.1-3	all	Thai Norasi font (dependency package)
204	ii	fonts-tlwg-norasi-ttf	1:0.7.1-3	all	Thai Norasi TrueType font
205	ii	fonts-tlwg-purisa	1:0.7.1-3	all	Thai Purisa font (dependency package)

206	ii	fonts-tlwg-purisa-ttf	1:0.7.1-3	all	Thai Purisa TrueType font
207	ii	fonts-tlwg-sawasdee	1:0.7.1-3	all	Thai Sawasdee font (dependency package)
208	ii	fonts-tlwg-sawasdee-ttf	1:0.7.1-3	all	Thai Sawasdee TrueType font
209	ii	fonts-tlwg-typewriter	1:0.7.1-3	all	Thai TlwgTypewriter font (dependency package)
210	ii	fonts-tlwg-typewriter-ttf	1:0.7.1-3	all	Thai TlwgTypewriter TrueType font
211	ii	fonts-tlwg-typist	1:0.7.1-3	all	Thai TlwgTypist font (dependency package)
212	ii	fonts-tlwg-typist-ttf	1:0.7.1-3	all	Thai TlwgTypist TrueType font
213	ii	fonts-tlwg-typo	1:0.7.1-3	all	Thai TlwgTypo font (dependency package)
214	ii	fonts-tlwg-typo-ttf	1:0.7.1-3	all	Thai TlwgTypo TrueType font
215	ii	fonts-tlwg-umpush	1:0.7.1-3	all	Thai Umpush font (dependency package)
216	ii	fonts-tlwg-umpush-ttf	1:0.7.1-3	all	Thai Umpush TrueType font
217	ii	fonts-tlwg-waree	1:0.7.1-3	all	Thai Waree font (dependency package)
218	ii	fonts-tlwg-waree-ttf	1:0.7.1-3	all	Thai Waree TrueType font
219	ii	fonts-ubuntu	0.83-4ubuntu1	all	sans-serif font set from Ubuntu
220	ii	fonts-urw-base35	20170801.1-3	all	font set metric-compatible with the 35 PostScript Level 2 Base Fonts
221	ii	fonts-yrsa-rasa	1.002-2	all	Open-source, libre fonts for Latin + Gujarati
222	ii	foomatic-db-compressed-ppds	20200401-1	all	OpenPrinting printer support - Compressed PPDs derived from the database
223	ii	fprintd	1.90.1-1ubuntu1	amd64	D-Bus daemon for fingerprint reader access
224	ii	friendly-recovery	0.2.41	all	Make recovery boot mode more user-friendly
225	ii	ftp	0.17-34.1	amd64	classical file transfer client
226	ii	fuse	2.9.9-3	amd64	Filesystem in Userspace
227	ii	fwupd	1.3.9-4	amd64	Firmware update daemon
228	ii	fwupd-signed	1.27+1.3.9-4	amd64	Linux Firmware Updater EFI signed binary
229	ii	gamemode	1.5.1-0ubuntu3	amd64	Optimise Linux system performance on demand
230	ii	gcc-10-base:amd64	10-20200411-0ubuntu1	amd64	GCC, the GNU Compiler Collection (base package)
231	ii	gcc-9-base:amd64	9.3.0-10ubuntu2	amd64	GCC, the GNU Compiler Collection (base package)
232	ii	gcr	3.36.0-2build1	amd64	GNOME crypto services (daemon and tools)
233	ii	gdb	9.1-0ubuntu1	amd64	GNU Debugger
234	ii	gdbserver	9.1-0ubuntu1	amd64	GNU Debugger (remote server)
235	ii	gdisk	1.0.5-1	amd64	GPT fdisk text-mode partitioning tool
236	ii	gdm3	3.34.1-1ubuntu1	amd64	GNOME Display Manager
237	ii	gedit	3.36.1-1	amd64	official text editor of the GNOME desktop environment
238	ii	gedit-common	3.36.1-1	all	official text editor of the GNOME desktop environment (support files)
239	ii	genisoimage	9:1.1.11-3.1ubuntu1	amd64	Creates ISO-9660 CD-ROM filesystem images
240	ii	geoclue-2.0	2.5.6-0ubuntu1	amd64	geoinformation service
241	ii	gettext-base	0.19.8.1-10build1	amd64	GNU Internationalization utilities for the base system
242	ii	ghostscript	9.50~dfsg-5ubuntu4	amd64	interpreter for the PostScript language and for PDF
243	ii	ghostscript-x	9.50~dfsg-5ubuntu4	amd64	interpreter for the PostScript language and for PDF - X11 support
244	ii	gir1.2-accountsservice-1.0	0.6.55-0ubuntu11	amd64	GObject introspection data for AccountService
245	ii	gir1.2-atk-1.0:amd64	2.35.1-1ubuntu2	amd64	ATK accessibility toolkit (GObject introspection)
246	ii	gir1.2-atspi-2.0:amd64	2.36.0-2	amd64	Assistive Technology Service Provider (GObject introspection)

247	ii	gir1.2-dbusmenu-glib-0.4:amd64	16.04.1+18.10.20180917-0ubuntu6	amd64	typelib file for libdbusmenu-glib4
248	ii	gir1.2-dee-1.0	1.2.7+17.10.20170616-4ubuntu6	amd64	GObject introspection data for the Dee library
249	ii	gir1.2-freedesktop:amd64	1.64.0-2	amd64	Introspection data for some FreeDesktop components
250	ii	gir1.2-gck-1:amd64	3.36.0-2build1	amd64	GObject introspection data for the GCK library
251	ii	gir1.2-gcr-3:amd64	3.36.0-2build1	amd64	GObject introspection data for the GCR library
252	ii	gir1.2-gdesktopenums-3.0:amd64	3.36.0-1ubuntu1	amd64	GObject introspection for GSettings desktop-wide schemas
253	ii	gir1.2-gdkpixbuf-2.0:amd64	2.40.0+dfsg-3	amd64	GDK Pixbuf library - GObject-Introspection
254	ii	gir1.2-gdm-1.0:amd64	3.34.1-1ubuntu1	amd64	GObject introspection data for the GNOME Display Manager
255	ii	gir1.2-geoclue-2.0:amd64	2.5.6-0ubuntu1	amd64	convenience library to interact with geoinformation service (introspection)
256	ii	gir1.2-glib-2.0:amd64	1.64.0-2	amd64	Introspection data for GLib, GObject, Gio and GModule
257	ii	gir1.2-gmenu-3.0:amd64	3.36.0-1ubuntu1	amd64	GObject introspection data for the GNOME menu library
258	ii	gir1.2-gnomebluetooth-1.0:amd64	3.34.1-1	amd64	Introspection data for GnomeBluetooth
259	ii	gir1.2-gnomedesktop-3.0:amd64	3.36.1-1ubuntu1	amd64	Introspection data for GnomeDesktop
260	ii	gir1.2-goa-1.0:amd64	3.36.0-1ubuntu1	amd64	Introspection data for GNOME Online Accounts
261	ii	gir1.2-graphene-1.0:amd64	1.10.0-1build2	amd64	library of graphic data types (introspection files)
262	ii	gir1.2-gstreamer-1.0:amd64	1.16.2-2	amd64	GObject introspection data for the GStreamer library
263	ii	gir1.2-gtk-3.0:amd64	3.24.18-1ubuntu1	amd64	GTK graphical user interface library -- gir bindings
264	ii	gir1.2-gtksource-4:amd64	4.6.0-1	amd64	gir files for the GTK+ syntax highlighting widget
265	ii	gir1.2-gweather-3.0:amd64	3.36.0-1	amd64	GObject introspection data for the GWeather library
266	ii	gir1.2-ibus-1.0:amd64	1.5.22-2ubuntu2	amd64	Intelligent Input Bus - introspection data
267	ii	gir1.2-javascriptcoregtk-4.0:amd64	2.28.1-1	amd64	JavaScript engine library from WebKitGTK - GObject introspection data
268	ii	gir1.2-json-1.0:amd64	1.4.4-2ubuntu2	amd64	GLib JSON manipulation library (introspection data)
269	ii	gir1.2-mutter-6:amd64	3.36.1-3ubuntu3	amd64	GObject introspection data for Mutter
270	ii	gir1.2-nm-1.0:amd64	1.22.10-1ubuntu1	amd64	GObject introspection data for the libnm library
271	ii	gir1.2-nma-1.0:amd64	1.8.24-1ubuntu2	amd64	GObject introspection data for libnma
272	ii	gir1.2-notify-0.7:amd64	0.7.9-1ubuntu2	amd64	sends desktop notifications to a notification daemon (Introspection files)
273	ii	gir1.2-packagekitglib-1.0	1.1.13-2ubuntu1	amd64	GObject introspection data for the PackageKit GLib library
274	ii	gir1.2-pango-1.0:amd64	1.44.7-2ubuntu4	amd64	Layout and rendering of internationalized text - gir bindings
275	ii	gir1.2-peas-1.0:amd64	1.26.0-2	amd64	Application plugin library (introspection files)
276	ii	gir1.2-polkit-1.0	0.105-26ubuntu1	amd64	GObject introspection data for PolicyKit
277	ii	gir1.2-rsvg-2.0:amd64	2.48.2-1	amd64	gir files for renderer library for SVG files
278	ii	gir1.2-secret-1:amd64	0.20.2-1	amd64	Secret store (GObject-Introspection)
279	ii	gir1.2-snapd-1:amd64	1.57-0ubuntu3	amd64	Typelib file for libsnapd-glib1
280	ii	gir1.2-soup-2.4:amd64	2.70.0-1	amd64	GObject introspection data for the libsoup HTTP library
281	ii	gir1.2-unity-5.0:amd64	7.1.4+19.04.20190319-0ubuntu3	amd64	GObject introspection data for the Unity library
282	ii	gir1.2-upowerglib-1.0:amd64	0.99.11-1build2	amd64	GObject introspection data for upower
283	ii	gir1.2-vte-2.91:amd64	0.60.1-1ubuntu1	amd64	GObject introspection data for the VTE library
284	ii	gir1.2-webkit2-4.0:amd64	2.28.1-1	amd64	Web content engine library for GTK - GObject introspection data
285	ii	gir1.2-wnck-3.0:amd64	3.36.0-1	amd64	GObject introspection data for the WNCK library
286	ii	gjs	1.64.1-2ubuntu1	amd64	Mozilla-based javascript bindings for the GNOME platform
287	ii	gkbd-caplet	3.26.1-1	amd64	GNOME control center tools for libgnomekbd

288	ii	glib-networking:amd64	2.64.1-1	amd64	network-related giomodules for GLib
289	ii	glib-networking-common	2.64.1-1	all	network-related giomodules for GLib - data files
290	ii	glib-networking-services	2.64.1-1	amd64	network-related giomodules for GLib - D-Bus services
291	ii	gnome-accessibility-themes	3.28-1ubuntu1	all	High Contrast GTK+ 2 theme and icons
292	ii	gnome-bluetooth	3.34.1-1	amd64	GNOME Bluetooth tools
293	ii	gnome-calculator	1:3.36.0-1ubuntu1	amd64	GNOME desktop calculator
294	ii	gnome-characters	3.34.0-1	amd64	character map application
295	ii	gnome-control-center	1:3.36.1-1ubuntu5	amd64	utilities to configure the GNOME desktop
296	ii	gnome-control-center-data	1:3.36.1-1ubuntu5	all	configuration applets for GNOME - data files
297	ii	gnome-control-center-faces	1:3.36.1-1ubuntu5	all	utilities to configure the GNOME desktop - faces images
298	ii	gnome-desktop3-data	3.36.1-1ubuntu1	all	Common files for GNOME desktop apps
299	ii	gnome-disk-utility	3.36.1-1ubuntu1	amd64	manage and configure disk drives and media
300	ii	gnome-font-viewer	3.34.0-2	amd64	font viewer for GNOME
301	ii	gnome-getting-started-docs	3.36.2-0ubuntu0.1	all	Help a new user get started in GNOME
302	ii	gnome-getting-started-docs-fr	3.36.2-0ubuntu0.1	all	Help a new user get started in GNOME (French)
303	ii	gnome-initial-setup	3.36.1-1ubuntu1	amd64	Initial GNOME system setup helper
304	ii	gnome-keyring	3.36.0-1ubuntu1	amd64	GNOME keyring services (daemon and tools)
305	ii	gnome-keyring-pkcs11:amd64	3.36.0-1ubuntu1	amd64	GNOME keyring module for the PKCS#11 module loading library
306	ii	gnome-logs	3.34.0-1	amd64	viewer for the systemd journal
307	ii	gnome-menus	3.36.0-1ubuntu1	amd64	GNOME implementation of the freedesktop menu specification
308	ii	gnome-online-accounts	3.36.0-1ubuntu1	amd64	service to manage online accounts for the GNOME desktop
309	ii	gnome-power-manager	3.32.0-2	amd64	power management tool for the GNOME desktop
310	ii	gnome-screenshot	3.36.0-1ubuntu1	amd64	screenshot application for GNOME
311	ii	gnome-session-bin	3.36.0-2ubuntu1	amd64	GNOME Session Manager - Minimal runtime
312	ii	gnome-session-canberra	0.30-7ubuntu1	amd64	GNOME session log in and log out sound events
313	ii	gnome-session-common	3.36.0-2ubuntu1	all	GNOME Session Manager - common files
314	ii	gnome-settings-daemon	3.36.0-1ubuntu2	amd64	daemon handling the GNOME session settings
315	ii	gnome-settings-daemon-common	3.36.0-1ubuntu2	all	daemon handling the GNOME session settings - common files
316	ii	gnome-shell	3.36.1-5ubuntu1	amd64	graphical shell for the GNOME desktop
317	ii	gnome-shell-common	3.36.1-5ubuntu1	all	common files for the GNOME graphical shell
318	ii	gnome-shell-extension-appindicator	33-1	all	AppIndicator/KStatusNotifierItem support for GNOME Shell
319	ii	gnome-shell-extension-desktop-icons	20.04.0-1	all	desktop icon support for GNOME Shell
320	ii	gnome-shell-extension-ubuntu-dock	67ubuntu20.04.5	all	Ubuntu Dock for GNOME Shell
321	ii	gnome-startup-applications	3.36.0-2ubuntu1	amd64	Startup Applications manager for GNOME
322	ii	gnome-system-monitor	3.36.0-1	amd64	Process viewer and system resource monitor for GNOME
323	ii	gnome-terminal	3.36.1.1-1ubuntu1	amd64	GNOME terminal emulator application
324	ii	gnome-terminal-data	3.36.1.1-1ubuntu1	all	Data files for the GNOME terminal emulator
325	ii	gnome-themes-extra:amd64	3.28-1ubuntu1	amd64	Adwaita GTK+ 2 theme — engine
326	ii	gnome-themes-extra-data	3.28-1ubuntu1	all	Adwaita GTK+ 2 theme — common files
327	ii	gnome-user-docs	3.36.2+git20200704-0ubuntu0.1	all	GNOME user docs
328	ii	gnome-user-docs-fr	3.36.2+git20200704-0ubuntu0.1	all	GNOME user docs (French)



329	ii	gnupg	2.2.19-3ubuntu2	all	GNU privacy guard - a free PGP replacement
330	ii	gnupg-l10n	2.2.19-3ubuntu2	all	GNU privacy guard - localization files
331	ii	gnupg-utils	2.2.19-3ubuntu2	amd64	GNU privacy guard - utility programs
332	ii	gpg	2.2.19-3ubuntu2	amd64	GNU Privacy Guard -- minimalist public key operations
333	ii	gpg-agent	2.2.19-3ubuntu2	amd64	GNU privacy guard - cryptographic agent
334	ii	gpg-wks-client	2.2.19-3ubuntu2	amd64	GNU privacy guard - Web Key Service client
335	ii	gpg-wks-server	2.2.19-3ubuntu2	amd64	GNU privacy guard - Web Key Service server
336	ii	gpgconf	2.2.19-3ubuntu2	amd64	GNU privacy guard - core configuration utilities
337	ii	gpgsm	2.2.19-3ubuntu2	amd64	GNU privacy guard - S/MIME version
338	ii	gpgv	2.2.19-3ubuntu2	amd64	GNU privacy guard - signature verification tool
339	ii	grep	3.4-1	amd64	GNU grep, egrep and fgrep
340	ii	groff-base	1.22.4-4build1	amd64	GNU troff text-formatting system (base system components)
341	ii	grub-common	2.04-1ubuntu26.9	amd64	GRand Unified Bootloader (common files)
342	ii	grub-efi-amd64-bin	2.04-1ubuntu26.9	amd64	GRand Unified Bootloader, version 2 (EFI-AMD64 modules)
343	ii	grub-efi-amd64-signed	1.142.11+2.04-1ubuntu26.9	amd64	GRand Unified Bootloader, version 2 (EFI-AMD64 version, signed)
344	ii	grub-gfxpayload-lists	0.7	amd64	GRUB gfxpayload blacklist
345	ii	grub-pc	2.04-1ubuntu26.9	amd64	GRand Unified Bootloader, version 2 (PC/BIOS version)
346	ii	grub-pc-bin	2.04-1ubuntu26.9	amd64	GRand Unified Bootloader, version 2 (PC/BIOS modules)
347	ii	grub2-common	2.04-1ubuntu26.9	amd64	GRand Unified Bootloader (common files for version 2)
348	ii	gsettings-desktop-schemas	3.36.0-1ubuntu1	all	GSettings desktop-wide schemas
349	ii	gsettings-ubuntu-schemas	0.0.7+17.10.20170922-0ubuntu1	all	GSettings desktop-wide schemas for Ubuntu
350	ii	gststreamer1.0-alsa:amd64	1.16.2-4	amd64	GStreamer plugin for ALSA
351	ii	gststreamer1.0-clutter-3.0:amd64	3.0.27-1	amd64	Clutter PPlugin for GStreamer 1.0
352	ii	gststreamer1.0-gl:amd64	1.16.2-4	amd64	GStreamer plugins for GL
353	ii	gststreamer1.0-packagekit	1.1.13-2ubuntu1	amd64	GStreamer plugin to install codecs using PackageKit
354	ii	gststreamer1.0-plugins-base:amd64	1.16.2-4	amd64	GStreamer plugins from the "base" set
355	ii	gststreamer1.0-plugins-base-apps	1.16.2-4	amd64	GStreamer helper programs from the "base" set
356	ii	gststreamer1.0-plugins-good:amd64	1.16.2-1ubuntu2	amd64	GStreamer plugins from the "good" set
357	ii	gststreamer1.0-pulseaudio:amd64	1.16.2-1ubuntu2	amd64	GStreamer plugin for PulseAudio
358	ii	gststreamer1.0-tools	1.16.2-2	amd64	Tools for use with GStreamer
359	ii	gststreamer1.0-x:amd64	1.16.2-4	amd64	GStreamer plugins for X11 and Pango
360	ii	gtk-update-icon-cache	3.24.18-1ubuntu1	amd64	icon theme caching utility
361	ii	gtk2-engines-murrine:amd64	0.98.2-3	amd64	cairo-based gtk+-2.0 theme engine
362	ii	gtk2-engines-pixbuf:amd64	2.24.32-4ubuntu4	amd64	pixbuf-based theme for GTK 2
363	ii	gvfs:amd64	1.44.1-1ubuntu1	amd64	userspace virtual filesystem - GIO module
364	ii	gvfs-backends	1.44.1-1ubuntu1	amd64	userspace virtual filesystem - backends
365	ii	gvfs-bin	1.44.1-1ubuntu1	amd64	userspace virtual filesystem - deprecated command-line tools
366	ii	gvfs-common	1.44.1-1ubuntu1	all	userspace virtual filesystem - common data files
367	ii	gvfs-daemons	1.44.1-1ubuntu1	amd64	userspace virtual filesystem - servers
368	ii	gvfs-fuse	1.44.1-1ubuntu1	amd64	userspace virtual filesystem - fuse server
369	ii	gvfs-libs:amd64	1.44.1-1ubuntu1	amd64	userspace virtual filesystem - private libraries

370	ii	gzip	1.10-0ubuntu4	amd64	GNU compression utilities
371	ii	hdparm	9.58+ds-4	amd64	tune hard disk parameters for high performance
372	ii	hicolor-icon-theme	0.17-2	all	default fallback theme for FreeDesktop.org icon themes
373	ii	hostname	3.23	amd64	utility to set/show the host name or domain name
374	ii	hplip	3.20.3+dfsg0-2	amd64	HP Linux Printing and Imaging System (HPLIP)
375	ii	hplip-data	3.20.3+dfsg0-2	all	HP Linux Printing and Imaging - data files
376	ii	humanity-icon-theme	0.6.15	all	Humanity Icon theme
377	ii	hunspell-en-us	1:2018.04.16-1	all	English_american dictionary for hunspell
378	ii	ibus	1.5.22-2ubuntu2	amd64	Intelligent Input Bus - core
379	ii	ibus-data	1.5.22-2ubuntu2	all	Intelligent Input Bus - data files
380	ii	ibus-gtk:amd64	1.5.22-2ubuntu2	amd64	Intelligent Input Bus - GTK2 support
381	ii	ibus-gtk3:amd64	1.5.22-2ubuntu2	amd64	Intelligent Input Bus - GTK3 support
382	ii	ibus-table	1.9.25-1	all	table engine for IBus
383	ii	iio-sensor-proxy	2.8-1	amd64	IIO sensors to D-Bus proxy
384	ii	im-config	0.44-1ubuntu1	all	Input method configuration framework
385	ii	info	6.7.0.dfsg.2-5	amd64	Standalone GNU Info documentation browser
386	ii	init	1.57	amd64	metapackage ensuring an init system is installed
387	ii	init-system-helpers	1.57	all	helper tools for all init systems
388	ii	initramfs-tools	0.136ubuntu6	all	generic modular initramfs generator (automation)
389	ii	initramfs-tools-bin	0.136ubuntu6	amd64	binaries used by initramfs-tools
390	ii	initramfs-tools-core	0.136ubuntu6	all	generic modular initramfs generator (core tools)
391	ii	inputattach	1:1.7.0-1	amd64	utility to connect serial-attached peripherals to the input subsystem
392	ii	install-info	6.7.0.dfsg.2-5	amd64	Manage installed documentation in info format
393	ii	intel-microcode	3.20191115.1ubuntu3	amd64	Processor microcode firmware for Intel CPUs
394	ii	ippusbxd	1.34-2ubuntu1	amd64	Daemon for IPP USB printer support
395	ii	iproute2	5.5.0-1ubuntu1	amd64	networking and traffic control tools
396	ii	iptables	1.8.4-3ubuntu2	amd64	administration tools for packet filtering and NAT
397	ii	iputils-ping	3:20190709-3	amd64	Tools to test the reachability of network hosts
398	ii	iputils-tracert	3:20190709-3	amd64	Tools to trace the network path to a remote host
399	ii	irqbalance	1.6.0-3ubuntu1	amd64	Daemon to balance interrupts for SMP systems
400	ii	isc-dhcp-client	4.4.1-2.1ubuntu5	amd64	DHCP client for automatically obtaining an IP address
401	ii	isc-dhcp-common	4.4.1-2.1ubuntu5	amd64	common manpages relevant to all of the isc-dhcp packages
402	ii	iso-codes	4.4-1	all	ISO language, territory, currency, script codes and their translations
403	ii	iucode-tool	2.3.1-1	amd64	Intel processor microcode tool
404	ii	iw	5.4-1	amd64	tool for configuring Linux wireless devices
405	ii	kbd	2.0.4-4ubuntu2	amd64	Linux console font and keytable utilities
406	ii	kerneloops	0.12+git20140509-6ubuntu2	amd64	kernel oops tracker
407	ii	keyboard-configuration	1.194ubuntu3	all	system-wide keyboard preferences
408	ii	klibc-utils	2.0.7-1ubuntu5	amd64	small utilities built with klibc for early boot
409	ii	kmod	27-1ubuntu2	amd64	tools for managing Linux kernel modules
410	ii	krb5-locales	1.17-6ubuntu4	all	internationalization support for MIT Kerberos

411	ii	language-pack-en	1:20.04+20210121		all	translation updates for language English
412	ii	language-pack-en-base	1:20.04+20210121		all	translations for language English
413	ii	language-pack-fr	1:20.04+20210121		all	translation updates for language French
414	ii	language-pack-fr-base	1:20.04+20210121		all	translations for language French
415	ii	language-pack-gnome-en	1:20.04+20210121		all	GNOME translation updates for language English
416	ii	language-pack-gnome-en-base	1:20.04+20210121		all	GNOME translations for language English
417	ii	language-pack-gnome-fr	1:20.04+20210121		all	GNOME translation updates for language French
418	ii	language-pack-gnome-fr-base	1:20.04+20210121		all	GNOME translations for language French
419	ii	language-selector-common	0.204		all	Language selector for Ubuntu
420	ii	language-selector-gnome	0.204		all	Language selector for Ubuntu
421	ii	laptop-detect	0.16		all	system chassis type checker
422	ii	less	551-1	amd64	amd64	pager program similar to more
423	ii	libaa1:amd64	1.4p5-46		amd64	ASCII art library
424	ii	libaccountsservice0:amd64	0.6.55-0ubuntu11		amd64	query and manipulate user account information - shared libraries
425	ii	libacl1:amd64	2.2.53-6		amd64	access control list - shared library
426	ii	libamtk-5-0:amd64	5.0.2-1build1		amd64	Actions, Menus and Toolbars Kit for GTK+
427	ii	libamtk-5-common	5.0.2-1build1		all	Actions, Menus and Toolbars Kit for GTK+ - architecture-independent files
428	ii	libao-common	1.2.2+20180113-1ubuntu1		all	Cross Platform Audio Output Library (Common files)
429	ii	libao4:amd64	1.2.2+20180113-1ubuntu1		amd64	Cross Platform Audio Output Library
430	ii	libapparmor1:amd64	2.13.3-7ubuntu5		amd64	changehat AppArmor library
431	ii	libappindicator3-1	12.10.1+20.04.20200408.1-0ubuntu1		amd64	Application Indicators
432	ii	libappstream4:amd64	0.12.10-2		amd64	Library to access AppStream services
433	ii	libapt-pkg6.0:amd64	2.0.2		amd64	package management runtime library
434	ii	libarchive13:amd64	3.4.0-2ubuntu1		amd64	Multi-format archive and compression library (shared library)
435	ii	libargon2-1:amd64	0~20171227-0.2		amd64	memory-hard hashing function - runtime library
436	ii	libasn1-8-heimdal:amd64	7.7.0+dfsg-1ubuntu1		amd64	Heimdal Kerberos - ASN.1 library
437	ii	libasound2:amd64	1.2.2-2.1		amd64	shared library for ALSA applications
438	ii	libasound2-data	1.2.2-2.1		all	Configuration files and profiles for ALSA drivers
439	ii	libasound2-plugins:amd64	1.2.2-1ubuntu1		amd64	ALSA library additional plugins
440	ii	libaspell15:amd64	0.60.8-1build1		amd64	GNU Aspell spell-checker runtime library
441	ii	libassuan0:amd64	2.5.3-7ubuntu2		amd64	IPC library for the GnuPG components
442	ii	libasyncns0:amd64	0.8-6		amd64	Asynchronous name service query library
443	ii	libatasmart4:amd64	0.19-5		amd64	ATA S.M.A.R.T. reading and parsing library
444	ii	libatk-adaptor:amd64	2.34.1-3		amd64	AT-SPI 2 toolkit bridge
445	ii	libatk-bridge2.0-0:amd64	2.34.1-3		amd64	AT-SPI 2 toolkit bridge - shared library
446	ii	libatk1.0-0:amd64	2.35.1-1ubuntu2		amd64	ATK accessibility toolkit
447	ii	libatk1.0-data	2.35.1-1ubuntu2		all	Common files for the ATK accessibility toolkit
448	ii	libatkmm-1.6-1v5:amd64	2.28.0-2build1		amd64	C++ wrappers for ATK accessibility toolkit (shared libraries)
449	ii	libatm1:amd64	1:2.5.1-4		amd64	shared library for ATM (Asynchronous Transfer Mode)
450	ii	libatopology2:amd64	1.2.2-2.1		amd64	shared library for handling ALSA topology definitions
451	ii	libatspi2.0-0:amd64	2.36.0-2		amd64	Assistive Technology Service Provider Interface - shared library

452	ii	libattr1:amd64	1:2.4.48-5	amd64	extended attribute handling - shared library
453	ii	libaudit-common	1:2.8.5-2ubuntu6	all	Dynamic library for security auditing - common files
454	ii	libaudit1:amd64	1:2.8.5-2ubuntu6	amd64	Dynamic library for security auditing
455	ii	libauthen-sasl-perl	2.1600-1	all	Authen::SASL - SASL Authentication framework
456	ii	libavahi-client3:amd64	0.7-4ubuntu7	amd64	Avahi client library
457	ii	libavahi-common-data:amd64	0.7-4ubuntu7	amd64	Avahi common data files
458	ii	libavahi-common3:amd64	0.7-4ubuntu7	amd64	Avahi common library
459	ii	libavahi-core7:amd64	0.7-4ubuntu7	amd64	Avahi's embeddable mDNS/DNS-SD library
460	ii	libavahi-glib1:amd64	0.7-4ubuntu7	amd64	Avahi GLib integration library
461	ii	libavc1394-0:amd64	0.5.4-5	amd64	control IEEE 1394 audio/video devices
462	ii	libbabeltrace1:amd64	1.5.8-1build1	amd64	Babeltrace conversion libraries
463	ii	libblkid1:amd64	2.34-0.1ubuntu9	amd64	block device ID library
464	ii	libblockdev-crypto2:amd64	2.23-2ubuntu3	amd64	Crypto plugin for libblockdev
465	ii	libblockdev-fs2:amd64	2.23-2ubuntu3	amd64	file system plugin for libblockdev
466	ii	libblockdev-loop2:amd64	2.23-2ubuntu3	amd64	Loop device plugin for libblockdev
467	ii	libblockdev-part-err2:amd64	2.23-2ubuntu3	amd64	Partition error utility functions for libblockdev
468	ii	libblockdev-part2:amd64	2.23-2ubuntu3	amd64	Partitioning plugin for libblockdev
469	ii	libblockdev-swap2:amd64	2.23-2ubuntu3	amd64	Swap plugin for libblockdev
470	ii	libblockdev-utils2:amd64	2.23-2ubuntu3	amd64	Utility functions for libblockdev
471	ii	libblockdev2:amd64	2.23-2ubuntu3	amd64	Library for manipulating block devices
472	ii	libbluetooth3:amd64	5.53-0ubuntu3	amd64	Library to use the BlueZ Linux Bluetooth stack
473	ii	libboost-thread1.71.0:amd64	1.71.0-6ubuntu6	amd64	portable C++ multi-threading
474	ii	libbrlapi0.7:amd64	6.0+dfsg-4ubuntu6	amd64	braille display access via BRLTTY - shared library
475	ii	libbrotli1:amd64	1.0.7-6build1	amd64	library implementing brotli encoder and decoder (shared libraries)
476	ii	libbsd0:amd64	0.10.0-1	amd64	utility functions from BSD systems - shared library
477	ii	libbz2-1.0:amd64	1.0.8-2	amd64	high-quality block-sorting file compressor library - runtime
478	ii	libc-bin	2.31-0ubuntu9	amd64	GNU C Library: Binaries
479	ii	libc6:amd64	2.31-0ubuntu9	amd64	GNU C Library: Shared libraries
480	ii	libc6-dbg:amd64	2.31-0ubuntu9	amd64	GNU C Library: detached debugging symbols
481	ii	libcaca0:amd64	0.99.beta19-2.1ubuntu1	amd64	colour ASCII art library
482	ii	libcairo-gobject-perl	1.005-2	amd64	integrate Cairo into the Glib type system in Perl
483	ii	libcairo-gobject2:amd64	1.16.0-4ubuntu1	amd64	Cairo 2D vector graphics library (GObject library)
484	ii	libcairo-perl	1.107-1	amd64	Perl interface to the Cairo graphics library
485	ii	libcairo2:amd64	1.16.0-4ubuntu1	amd64	Cairo 2D vector graphics library
486	ii	libcairomm-1.0-1v5:amd64	1.12.2-4build1	amd64	C++ wrappers for Cairo (shared libraries)
487	ii	libcamel-1.2-62:amd64	3.36.1-2	amd64	Evolution MIME message handling library
488	ii	libcanberra-gtk3-0:amd64	0.30-7ubuntu1	amd64	GTK+ 3.0 helper for playing widget event sounds with libcanberra
489	ii	libcanberra-gtk3-module:amd64	0.30-7ubuntu1	amd64	translates GTK3 widgets signals to event sounds
490	ii	libcanberra-pulse:amd64	0.30-7ubuntu1	amd64	PulseAudio backend for libcanberra
491	ii	libcanberra0:amd64	0.30-7ubuntu1	amd64	simple abstract interface for playing event sounds
492	ii	libcap-ng0:amd64	0.7.9-2.1build1	amd64	An alternate POSIX capabilities library

493	ii	libcap2:amd64	1:2.32-1	amd64	POSIX 1003.1e capabilities (library)
494	ii	libcap2-bin	1:2.32-1	amd64	POSIX 1003.1e capabilities (utilities)
495	ii	libcbor0.6:amd64	0.6.0-0ubuntu1	amd64	library for parsing and generating CBOR (RFC 7049)
496	ii	libcc1-0:amd64	10-20200411-0ubuntu1	amd64	GCC cc1 plugin for GDB
497	ii	libcdio-cdda2:amd64	10.2+2.0.0-1	amd64	library to read and control digital audio CDs
498	ii	libcdio-paranoia2:amd64	10.2+2.0.0-1	amd64	library to read digital audio CDs with error correction
499	ii	libcdio18:amd64	2.0.0-2	amd64	library to read and control CD-ROM
500	ii	libcdparanoia0:amd64	3.10.2+debian-13	amd64	audio extraction tool for sampling CDs (library)
501	ii	libcheese-gtk25:amd64	3.34.0-1build1	amd64	tool to take pictures and videos from your webcam - widgets
502	ii	libcheese8:amd64	3.34.0-1build1	amd64	tool to take pictures and videos from your webcam - base library
503	ii	libclutter-1.0-0:amd64	1.26.4+dfsg-1	amd64	Open GL based interactive canvas library
504	ii	libclutter-1.0-common	1.26.4+dfsg-1	all	Open GL based interactive canvas library (common files)
505	ii	libclutter-gst-3.0-0:amd64	3.0.27-1	amd64	Open GL based interactive canvas library GStreamer elements
506	ii	libclutter-gtk-1.0-0:amd64	1.8.4-4	amd64	Open GL based interactive canvas library GTK+ widget
507	ii	libcogl-common	1.22.6-1	all	Object oriented GL/GLES Abstraction/Utility Layer (common files)
508	ii	libcogl-pango20:amd64	1.22.6-1	amd64	Object oriented GL/GLES Abstraction/Utility Layer
509	ii	libcogl-path20:amd64	1.22.6-1	amd64	Object oriented GL/GLES Abstraction/Utility Layer
510	ii	libcogl20:amd64	1.22.6-1	amd64	Object oriented GL/GLES Abstraction/Utility Layer
511	ii	libcolorid-gtk1:amd64	0.2.0-0ubuntu1	amd64	GTK+ convenience library for interacting with colorid
512	ii	libcolorid2:amd64	1.4.4-2	amd64	system service to manage device colour profiles -- runtime
513	ii	libcolorhug2:amd64	1.4.4-2	amd64	library to access the ColorHug colourimeter -- runtime
514	ii	libcom-err2:amd64	1.45.5-2ubuntu1	amd64	common error description library
515	ii	libcrack2:amd64	2.9.6-3.2	amd64	pro-active password checker library
516	ii	libcrypt1:amd64	1:4.4.10-10ubuntu4	amd64	libcrypt shared library
517	ii	libcryptsetup12:amd64	2:2.2.2-3ubuntu2	amd64	disk encryption support - shared library
518	ii	libcue2:amd64	2.2.1-2	amd64	CUE Sheet Parser Library
519	ii	libcups2:amd64	2.3.1-9ubuntu1	amd64	Common UNIX Printing System(tm) - Core library
520	ii	libcupsfilters1:amd64	1.27.4-1	amd64	OpenPrinting CUPS Filters - Shared library
521	ii	libcupsimage2:amd64	2.3.1-9ubuntu1	amd64	Common UNIX Printing System(tm) - Raster image library
522	ii	libcurl3-gnutls:amd64	7.68.0-1ubuntu2	amd64	easy-to-use client-side URL transfer library (GnuTLS flavour)
523	ii	libdaemon0:amd64	0.14-7	amd64	lightweight C library for daemons - runtime library
524	ii	libdata-dump-perl	1.23-1	all	Perl module to help dump data structures
525	ii	libdatrie1:amd64	0.2.12-3	amd64	Double-array trie library
526	ii	libdb5.3:amd64	5.3.28+dfsg1-0.6ubuntu2	amd64	Berkeley v5.3 Database Libraries [runtime]
527	ii	libdbus-1-3:amd64	1.12.16-2ubuntu2	amd64	simple interprocess messaging system (library)
528	ii	libdbus-glib-1-2:amd64	0.110-5fakessync1	amd64	deprecated library for D-Bus IPC
529	ii	libdbusmenu-glib4:amd64	16.04.1+18.10.20180917-0ubuntu6	amd64	library for passing menus over DBus
530	ii	libdbusmenu-gtk3-4:amd64	16.04.1+18.10.20180917-0ubuntu6	amd64	library for passing menus over DBus - GTK+ version
531	ii	libdconf1:amd64	0.36.0-1	amd64	simple configuration storage system - runtime library
532	ii	libdebconfclient0:amd64	0.251ubuntu1	amd64	Debian Configuration Management System (C-implementation library)
533	ii	libdee-1.0-4:amd64	1.2.7+17.10.20170616-4ubuntu6	amd64	Model to synchronize multiple instances over DBus - shared lib

534	ii	libdevmapper1.02.1:amd64	2:1.02.167-1ubuntu1	amd64	Linux Kernel Device Mapper userspace library
535	ii	libdjvulibre-text	3.5.27.1-14build1	all	Linguistic support files for libdjvulibre
536	ii	libdjvulibre21:amd64	3.5.27.1-14build1	amd64	Runtime support for the DjVu image format
537	ii	libdns-export1109	1:9.11.16+dfsg-3~build1	amd64	Exported DNS Shared Library
538	ii	libdotconf0:amd64	1.3-0.3fakesync1	amd64	Configuration file parser library - runtime files
539	ii	libdpkg-perl	1.19.7ubuntu3	all	Dpkg perl modules
540	ii	libdrm-amdgpu1:amd64	2.4.101-2	amd64	Userspace interface to amdgpu-specific kernel DRM services -- runtime
541	ii	libdrm-common	2.4.101-2	all	Userspace interface to kernel DRM services -- common files
542	ii	libdrm-intel1:amd64	2.4.101-2	amd64	Userspace interface to intel-specific kernel DRM services -- runtime
543	ii	libdrm-nouveau2:amd64	2.4.101-2	amd64	Userspace interface to nouveau-specific kernel DRM services -- runtime
544	ii	libdrm-radeon1:amd64	2.4.101-2	amd64	Userspace interface to radeon-specific kernel DRM services -- runtime
545	ii	libdrm2:amd64	2.4.101-2	amd64	Userspace interface to kernel DRM services -- runtime
546	ii	libdv4:amd64	1.0.0-12	amd64	software library for DV format digital video (runtime lib)
547	ii	libdw1:amd64	0.176-1.1build1	amd64	library that provides access to the DWARF debug information
548	ii	libebackend-1.2-10:amd64	3.36.1-2	amd64	Utility library for evolution data servers
549	ii	libebook-1.2-20:amd64	3.36.1-2	amd64	Client library for evolution address books
550	ii	libebook-contacts-1.2-3:amd64	3.36.1-2	amd64	Client library for evolution contacts books
551	ii	libecal-2.0-1:amd64	3.36.1-2	amd64	Client library for evolution calendars
552	ii	libedata-book-1.2-26:amd64	3.36.1-2	amd64	Backend library for evolution address books
553	ii	libedata-cal-2.0-1:amd64	3.36.1-2	amd64	Backend library for evolution calendars
554	ii	libedataserver-1.2-24:amd64	3.36.1-2	amd64	Utility library for evolution data servers
555	ii	libedataserverui-1.2-2:amd64	3.36.1-2	amd64	Utility library for evolution data servers
556	ii	libedit2:amd64	3.1-20191231-1	amd64	BSD editline and history libraries
557	ii	libefiboot1:amd64	37-2ubuntu2	amd64	Library to manage UEFI variables
558	ii	libefivar1:amd64	37-2ubuntu2	amd64	Library to manage UEFI variables
559	ii	libegl-mesa0:amd64	20.0.4-2ubuntu1	amd64	free implementation of the EGL API -- Mesa vendor library
560	ii	libegl1:amd64	1.3.1-1	amd64	Vendor neutral GL dispatch library -- EGL support
561	ii	libelf1:amd64	0.176-1.1build1	amd64	library to read and write ELF files
562	ii	libenchant-2-2:amd64	2.2.8-1	amd64	Wrapper library for various spell checker engines (runtime libs)
563	ii	libencode-locale-perl	1.05-1	all	utility to determine the locale encoding
564	ii	libepoxy0:amd64	1.5.4-1	amd64	OpenGL function pointer management library
565	ii	libespeak-ng1:amd64	1.50+dfsg-6	amd64	Multi-lingual software speech synthesizer: shared library
566	ii	libestr0:amd64	0.1.10-2.1	amd64	Helper functions for handling strings (lib)
567	ii	libevdev2:amd64	1.9.0+dfsg-1	amd64	wrapper library for evdev devices
568	ii	libevdocument3-4:amd64	3.36.0-2	amd64	Document (PostScript, PDF) rendering library
569	ii	libevview3-3:amd64	3.36.0-2	amd64	Document (PostScript, PDF) rendering library - Gtk+ widgets
570	ii	libexempi8:amd64	2.5.1-1build1	amd64	library to parse XMP metadata (Library)
571	ii	libexif12:amd64	0.6.21-6	amd64	library to parse EXIF files
572	ii	libexiv2-27:amd64	0.27.2-8ubuntu2	amd64	EXIF/IPTC/XMP metadata manipulation library
573	ii	libexpat1:amd64	2.2.9-1build1	amd64	XML parsing C library - runtime library
574	ii	libext2fs2:amd64	1.45.5-2ubuntu1	amd64	ext2/ext3/ext4 file system libraries

575	ii	libextutils-depends-perl	0.8000-1	all	Perl module for building extensions that depend on other extensions
576	ii	libextutils-pkgconfig-perl	1.16-1	all	Perl interface to the pkg-config utility
577	ii	libfastjson4:amd64	0.99.8-2	amd64	fast json library for C
578	ii	libfdisk1:amd64	2.34-0.1ubuntu9	amd64	fdisk partitioning library
579	ii	libffi7:amd64	3.3-4	amd64	Foreign Function Interface library runtime
580	ii	libfftw3-single3:amd64	3.3.8-2ubuntu1	amd64	Library for computing Fast Fourier Transforms - Single precision
581	ii	libfido2-1:amd64	1.3.1-1ubuntu2	amd64	library for generating and verifying FIDO 2.0 objects
582	ii	libfile-basedir-perl	0.08-1	all	Perl module to use the freedesktop basedir specification
583	ii	libfile-desktopentry-perl	0.22-1	all	Perl module to handle freedesktop .desktop files
584	ii	libfile-fcntllock-perl	0.22-3build4	amd64	Perl module for file locking with fcntl(2)
585	ii	libfile-listing-perl	6.04-1	all	module to parse directory listings
586	ii	libfile-mimeinfo-perl	0.29-1	all	Perl module to determine file types
587	ii	libflac8:amd64	1.3.3-1build1	amd64	Free Lossless Audio Codec - runtime C library
588	ii	libfont-afm-perl	1.20-2	all	Font::AFM - Interface to Adobe Font Metrics files
589	ii	libfontconfig1:amd64	2.13.1-2ubuntu3	amd64	generic font configuration library - runtime
590	ii	libfontembed1:amd64	1.27.4-1	amd64	OpenPrinting CUPS Filters - Font Embed Shared library
591	ii	libfontenc1:amd64	1:1.1.4-0ubuntu1	amd64	X11 font encoding library
592	ii	libfprint-2-2:amd64	1:1.90.1+tod1-0ubuntu4	amd64	async fingerprint library of fprint project, shared libraries
593	ii	libfprint-2-tod1:amd64	1:1.90.1+tod1-0ubuntu4	amd64	async fingerprint library of fprint project, drivers shared libraries
594	ii	libfreetype6:amd64	2.10.1-2	amd64	FreeType 2 font engine, shared library files
595	ii	libfribidi0:amd64	1.0.8-2	amd64	Free Implementation of the Unicode BiDi algorithm
596	ii	libfuse2:amd64	2.9.9-3	amd64	Filesystem in Userspace (library)
597	ii	libfwupd2:amd64	1.3.9-4	amd64	Firmware update daemon library
598	ii	libfwupdplugin1:amd64	1.3.9-4	amd64	Firmware update daemon plugin library
599	ii	libgail-common:amd64	2.24.32-4ubuntu4	amd64	GNOME Accessibility Implementation Library -- common modules
600	ii	libgail18:amd64	2.24.32-4ubuntu4	amd64	GNOME Accessibility Implementation Library -- shared libraries
601	ii	libgamemode0	1.5.1-0ubuntu3	amd64	Optimise Linux system performance on demand (libraries)
602	ii	libgamemodeauto0	1.5.1-0ubuntu3	amd64	Automatically optimise Linux system performance on demand
603	ii	libgbm1:amd64	20.0.4-2ubuntu1	amd64	generic buffer management API -- runtime
604	ii	libgcab-1.0-0:amd64	1.4-1	amd64	Microsoft Cabinet file manipulation library
605	ii	libgcc-s1:amd64	10-20200411-0ubuntu1	amd64	GCC support library
606	ii	libgck-1-0:amd64	3.36.0-2build1	amd64	Glib wrapper library for PKCS#11 - runtime
607	ii	libgcr-base-3-1:amd64	3.36.0-2build1	amd64	Library for Crypto related tasks
608	ii	libgcr-ui-3-1:amd64	3.36.0-2build1	amd64	Library for Crypto UI related tasks
609	ii	libgcrypt20:amd64	1.8.5-5ubuntu1	amd64	LGPL Crypto library - runtime library
610	ii	libgd3:amd64	2.2.5-5.2ubuntu2	amd64	GD Graphics Library
611	ii	libgdata-common	0.17.12-1	all	Library for accessing GData webservices - common data files
612	ii	libgdata22:amd64	0.17.12-1	amd64	Library for accessing GData webservices - shared libraries
613	ii	libgdbm-compat4:amd64	1.18.1-5	amd64	GNU dbm database routines (legacy support runtime version)
614	ii	libgdbm6:amd64	1.18.1-5	amd64	GNU dbm database routines (runtime version)
615	ii	libgdk-pixbuf2.0-0:amd64	2.40.0+dfsg-3	amd64	GDK Pixbuf library

616	ii	libgdk-pixbuf2.0-bin	2.40.0+dfsg-3	amd64	GDK Pixbuf library (thumbnailer)
617	ii	libgdk-pixbuf2.0-common	2.40.0+dfsg-3	all	GDK Pixbuf library - data files
618	ii	libgdm1	3.34.1-1ubuntu1	amd64	GNOME Display Manager (shared library)
619	ii	libgee-0.8-2:amd64	0.20.3-1	amd64	GObject based collection and utility library
620	ii	libgeoclue-2-0:amd64	2.5.6-0ubuntu1	amd64	convenience library to interact with geoinformation service
621	ii	libgeocode-glib0:amd64	3.26.2-2	amd64	geocoding and reverse geocoding GLib library using Nominatim
622	ii	libgexiv2-2:amd64	0.12.0-2	amd64	GObject-based wrapper around the Exiv2 library
623	ii	libgif7:amd64	5.1.9-1	amd64	library for GIF images (library)
624	ii	libgirepository-1.0-1:amd64	1.64.0-2	amd64	Library for handling GObject introspection data (runtime library)
625	ii	libgjs0g	1.64.1-2ubuntu1	amd64	Mozilla-based javascript bindings for the GNOME platform
626	ii	libgl1:amd64	1.3.1-1	amd64	Vendor neutral GL dispatch library -- legacy GL support
627	ii	libgl1-mesa-dri:amd64	20.0.4-2ubuntu1	amd64	free implementation of the OpenGL API -- DRI modules
628	ii	libglapi-mesa:amd64	20.0.4-2ubuntu1	amd64	free implementation of the GL API -- shared library
629	ii	libgles2:amd64	1.3.1-1	amd64	Vendor neutral GL dispatch library -- GLESv2 support
630	ii	libglib-object-introspection-perl	0.048-2build1	amd64	Perl bindings for gobject-introspection libraries
631	ii	libglib-perl:amd64	3:1.329.2-1	amd64	interface to the GLib and GObject libraries
632	ii	libglib2.0-0:amd64	2.64.2-1~fakesync1	amd64	GLib library of C routines
633	ii	libglib2.0-bin	2.64.2-1~fakesync1	amd64	Programs for the GLib library
634	ii	libglib2.0-data	2.64.2-1~fakesync1	all	Common files for GLib library
635	ii	libglibmm-2.4-1v5:amd64	2.64.2-1	amd64	C++ wrapper for the GLib toolkit (shared libraries)
636	ii	libglu1-mesa:amd64	9.0.1-1build1	amd64	Mesa OpenGL utility library (GLU)
637	ii	libglvnd0:amd64	1.3.1-1	amd64	Vendor neutral GL dispatch library
638	ii	libglx-mesa0:amd64	20.0.4-2ubuntu1	amd64	free implementation of the OpenGL API -- GLX vendor library
639	ii	libglx0:amd64	1.3.1-1	amd64	Vendor neutral GL dispatch library -- GLX support
640	ii	libgmp10:amd64	2:6.2.0+dfsg-4	amd64	Multiprecision arithmetic library
641	ii	libgnome-autoar-0-0:amd64	0.2.3-2	amd64	Archives integration support for GNOME
642	ii	libgnome-bluetooth13:amd64	3.34.1-1	amd64	GNOME Bluetooth tools - support library
643	ii	libgnome-desktop-3-19:amd64	3.36.1-1ubuntu1	amd64	Utility library for loading .desktop files - runtime files
644	ii	libgnome-menu-3-0:amd64	3.36.0-1ubuntu1	amd64	GNOME implementation of the freedesktop menu specification
645	ii	libgnomekbd-common	3.26.1-1	all	GNOME library to manage keyboard configuration - common files
646	ii	libgnomekbd8:amd64	3.26.1-1	amd64	GNOME library to manage keyboard configuration - shared library
647	ii	libgnutls30:amd64	3.6.13-2ubuntu1	amd64	GNU TLS library - main runtime library
648	ii	libgoa-1.0-0b:amd64	3.36.0-1ubuntu1	amd64	library for GNOME Online Accounts
649	ii	libgoa-1.0-common	3.36.0-1ubuntu1	all	library for GNOME Online Accounts - common files
650	ii	libgoa-backend-1.0-1:amd64	3.36.0-1ubuntu1	amd64	backend library for GNOME Online Accounts
651	ii	libgomp1:amd64	10-20200411-0ubuntu1	amd64	GCC OpenMP (GOMP) support library
652	ii	libgpg-error0:amd64	1.37-1	amd64	GnuPG development runtime library
653	ii	libgpgme11:amd64	1.13.1-7ubuntu2	amd64	GPGME - GnuPG Made Easy (library)
654	ii	libgphoto2-6:amd64	2.5.24-1	amd64	gphoto2 digital camera library
655	ii	libgphoto2-l10n	2.5.24-1	all	gphoto2 digital camera library - localized messages
656	ii	libgphoto2-port12:amd64	2.5.24-1	amd64	gphoto2 digital camera port library



657	ii	libgpm2:amd64	1.20.7-5	amd64	General Purpose Mouse - shared library
658	ii	libgraphene-1.0-0:amd64	1.10.0-1build2	amd64	library of graphic data types
659	ii	libgraphite2-3:amd64	1.3.13-11build1	amd64	Font rendering engine for Complex Scripts -- library
660	ii	libgs9:amd64	9.50~dfsg-5ubuntu4	amd64	interpreter for the PostScript language and for PDF - Library
661	ii	libgs9-common	9.50~dfsg-5ubuntu4	all	interpreter for the PostScript language and for PDF - common files
662	ii	libgsf-1-114:amd64	1.14.46-1	amd64	Structured File Library - runtime version
663	ii	libgsf-1-common	1.14.46-1	all	Structured File Library - common files
664	ii	libgsm0:amd64	1.0.2-4	amd64	small library for playing system sounds
665	ii	libgspell-1-2:amd64	1.8.3-1	amd64	spell-checking library for GTK+ applications
666	ii	libgspell-1-common	1.8.3-1	all	libgspell architecture-independent files
667	ii	libgssapi-krb5-2:amd64	1.17-6ubuntu4	amd64	MIT Kerberos runtime libraries - krb5 GSS-API Mechanism
668	ii	libgssapi3-heimdal:amd64	7.7.0+dfsg-1ubuntu1	amd64	Heimdal Kerberos - GSSAPI support library
669	ii	libgssdp-1.2-0:amd64	1.2.2-1	amd64	GObject-based library for SSDP
670	ii	libgstreamer-gli1.0-0:amd64	1.16.2-4	amd64	GStreamer GL libraries
671	ii	libgstreamer-plugins-base1.0-0:amd64	1.16.2-4	amd64	GStreamer libraries from the "base" set
672	ii	libgstreamer-plugins-good1.0-0:amd64	1.16.2-1ubuntu2	amd64	GStreamer development files for libraries from the "good" set
673	ii	libgstreamer1.0-0:amd64	1.16.2-2	amd64	Core GStreamer libraries and elements
674	ii	libgtk-3-0:amd64	3.24.18-1ubuntu1	amd64	GTK graphical user interface library
675	ii	libgtk-3-bin	3.24.18-1ubuntu1	amd64	programs for the GTK graphical user interface library
676	ii	libgtk-3-common	3.24.18-1ubuntu1	all	common files for the GTK graphical user interface library
677	ii	libgtk2.0-0:amd64	2.24.32-4ubuntu4	amd64	GTK graphical user interface library - old version
678	ii	libgtk2.0-bin	2.24.32-4ubuntu4	amd64	programs for the GTK graphical user interface library
679	ii	libgtk2.0-common	2.24.32-4ubuntu4	all	common files for the GTK graphical user interface library
680	ii	libgtk3-perl	0.037-1	all	Perl bindings for the GTK+ graphical user interface library
681	ii	libgtkmm-3.0-1v5:amd64	3.24.2-1build1	amd64	C++ wrappers for GTK+ (shared libraries)
682	ii	libgtksourceview-4-0:amd64	4.6.0-1	amd64	shared libraries for the GTK+ syntax highlighting widget
683	ii	libgtksourceview-4-common	4.6.0-1	all	common files for the GTK+ syntax highlighting widget
684	ii	libgtop-2.0-11:amd64	2.40.0-2	amd64	gtop system monitoring library (shared)
685	ii	libgtop2-common	2.40.0-2	all	gtop system monitoring library (common)
686	ii	libgudev-1.0-0:amd64	1:233-1	amd64	GObject-based wrapper library for libudev
687	ii	libgupnp-1.2-0:amd64	1.2.2-1	amd64	GObject-based library for UPnP
688	ii	libgupnp-av-1.0-2	0.12.11-2	amd64	Audio/Visual utility library for GUPnP
689	ii	libgupnp-dlna-2.0-3	0.10.5-4	amd64	DLNA utility library for GUPnP
690	ii	libgusb2:amd64	0.3.4-0.1	amd64	GLib wrapper around libusb1
691	ii	libgweather-3-16:amd64	3.36.0-1	amd64	GWeather shared library
692	ii	libgweather-common	3.36.0-1	all	GWeather common files
693	ii	libgxps2:amd64	0.3.1-1	amd64	handling and rendering XPS documents (library)
694	ii	libhandy-0.0-0:amd64	0.0.13-1	amd64	Library with GTK widgets for mobile phones
695	ii	libharfbuzz-icu0:amd64	2.6.4-1ubuntu4	amd64	OpenType text shaping engine ICU backend
696	ii	libharfbuzz0b:amd64	2.6.4-1ubuntu4	amd64	OpenType text shaping engine (shared library)
697	ii	libhcrypto4-heimdal:amd64	7.7.0+dfsg-1ubuntu1	amd64	Heimdal Kerberos - crypto library

698	ii	libheimbase1-heimdal:amd64	7.7.0+dfsg-1ubuntu1	amd64	Heimdal Kerberos - Base library
699	ii	libheimntlm0-heimdal:amd64	7.7.0+dfsg-1ubuntu1	amd64	Heimdal Kerberos - NTLM support library
700	ii	libhogweed5:amd64	3.5.1+really3.5.1-2	amd64	low level cryptographic library (public-key cryptos)
701	ii	libhpmud0:amd64	3.20.3+dfsg0-2	amd64	HP Multi-Point Transport Driver (hpmud) run-time libraries
702	ii	libhtml-form-perl	6.07-1	all	module that represents an HTML form element
703	ii	libhtml-format-perl	2.12-1	all	module for transforming HTML into various formats
704	ii	libhtml-parser-perl	3.72-5	amd64	collection of modules that parse HTML text documents
705	ii	libhtml-tagset-perl	3.20-4	all	data tables pertaining to HTML
706	ii	libhtml-tree-perl	5.07-2	all	Perl module to represent and create HTML syntax trees
707	ii	libhttp-cookies-perl	6.08-1	all	HTTP cookie jars
708	ii	libhttp-daemon-perl	6.06-1	all	simple http server class
709	ii	libhttp-date-perl	6.05-1	all	module of date conversion routines
710	ii	libhttp-message-perl	6.22-1	all	perl interface to HTTP style messages
711	ii	libhttp-negotiate-perl	6.01-1	all	implementation of content negotiation
712	ii	libhunspell-1.7-0:amd64	1.7.0-2build2	amd64	spell checker and morphological analyzer (shared library)
713	ii	libhx509-5-heimdal:amd64	7.7.0+dfsg-1ubuntu1	amd64	Heimdal Kerberos - X509 support library
714	ii	libhyphen0:amd64	2.8.8-7	amd64	ALTLinux hyphenation library - shared library
715	ii	libibus-1.0-5:amd64	1.5.22-2ubuntu2	amd64	Intelligent Input Bus - shared library
716	ii	libical3:amd64	3.0.8-1	amd64	iCalendar library implementation in C (runtime)
717	ii	libice6:amd64	2:1.0.10-0ubuntu1	amd64	X11 Inter-Client Exchange library
718	ii	libicu66:amd64	66.1-2ubuntu2	amd64	International Components for Unicode
719	ii	libidn11:amd64	1.33-2.2ubuntu2	amd64	GNU Libidn library, implementation of IETF IDN specifications
720	ii	libidn2-0:amd64	2.2.0-2	amd64	Internationalized domain names (IDNA2008/TR46) library
721	ii	libiec61883-0:amd64	1.2.0-3	amd64	partial implementation of IEC 61883 (shared lib)
722	ii	libieee1284-3:amd64	0.2.11-13build1	amd64	cross-platform library for parallel port access
723	ii	libijs-0.35:amd64	0.35-15	amd64	IJS raster image transport protocol: shared library
724	ii	libimagequant0:amd64	2.12.2-1.1	amd64	palette quantization library
725	ii	libimobiledevice6:amd64	1.2.1~git20191129.9f79242-1build1	amd64	Library for communicating with iPhone and other Apple devices
726	ii	libinput-bin	1.15.5-1	amd64	input device management and event handling library - udev quirks
727	ii	libinput10:amd64	1.15.5-1	amd64	input device management and event handling library - shared library
728	ii	libio-html-perl	1.001-1	all	open an HTML file with automatic charset detection
729	ii	libio-socket-ssl-perl	2.067-1	all	Perl module implementing object oriented interface to SSL sockets
730	ii	libio-stringy-perl	2.111-3	all	modules for I/O on in-core objects (strings/arrays)
731	ii	libip4tc2:amd64	1.8.4-3ubuntu2	amd64	netfilter libip4tc library
732	ii	libip6tc2:amd64	1.8.4-3ubuntu2	amd64	netfilter libip6tc library
733	ii	libipc-system-simple-perl	1.26-1	all	Perl module to run commands simply, with detailed diagnostics
734	ii	libisc-export1105:amd64	1:9.11.16+dfsg-3~build1	amd64	Exported ISC Shared Library
735	ii	libisl22:amd64	0.22.1-1	amd64	manipulating sets and relations of integer points bounded by linear constraints
736	ii	libiw30:amd64	30~pre9-13ubuntu1	amd64	Wireless tools - library
737	ii	libjack-jackd2-0:amd64	1.9.12~dfsg-2ubuntu2	amd64	JACK Audio Connection Kit (libraries)
738	ii	libjansson4:amd64	2.12-1build1	amd64	C library for encoding, decoding and manipulating JSON data

739	ii	libjavascriptcoregtk-4.0-18:amd64	2.28.1-1	amd64	JavaScript engine library from WebKitGTK
740	ii	libjbig0:amd64	2.1-3.1build1	amd64	JBIGkit libraries
741	ii	libjbig2dec0:amd64	0.18-1ubuntu1	amd64	JBIG2 decoder library - shared libraries
742	ii	libjpeg-turbo8:amd64	2.0.3-0ubuntu1	amd64	IJG JPEG compliant runtime library.
743	ii	libjpeg8:amd64	8c-2ubuntu8	amd64	Independent JPEG Group's JPEG runtime library (dependency package)
744	ii	libjson-c4:amd64	0.13.1+dfsg-7	amd64	JSON manipulation library - shared library
745	ii	libjson-glib-1.0-0:amd64	1.4.4-2ubuntu2	amd64	GLib JSON manipulation library
746	ii	libjson-glib-1.0-common	1.4.4-2ubuntu2	all	GLib JSON manipulation library (common files)
747	ii	libk5crypto3:amd64	1.17-6ubuntu4	amd64	MIT Kerberos runtime libraries - Crypto Library
748	ii	libkeyutils1:amd64	1.6-6ubuntu1	amd64	Linux Key Management Utilities (library)
749	ii	libklibc:amd64	2.0.7-1ubuntu5	amd64	minimal libc subset for use with initramfs
750	ii	libkmod2:amd64	27-1ubuntu2	amd64	libkmod shared library
751	ii	libkpathsea6:amd64	2019.20190605.51237-3build2	amd64	TeX Live: path search library for TeX (runtime part)
752	ii	libkrb5-26-heimdal:amd64	7.7.0+dfsg-1ubuntu1	amd64	Heimdal Kerberos - libraries
753	ii	libkrb5-3:amd64	1.17-6ubuntu4	amd64	MIT Kerberos runtime libraries
754	ii	libkrb5support0:amd64	1.17-6ubuntu4	amd64	MIT Kerberos runtime libraries - Support library
755	ii	libksba8:amd64	1.3.5-2	amd64	X.509 and CMS support library
756	ii	liblcms2-2:amd64	2.9-4	amd64	Little CMS 2 color management library
757	ii	liblcms2-utils	2.9-4	amd64	Little CMS 2 color management library (utilities)
758	ii	libldap-2.4-2:amd64	2.4.49+dfsg-2ubuntu1	amd64	OpenLDAP libraries
759	ii	libldap-common	2.4.49+dfsg-2ubuntu1	all	OpenLDAP common files for libraries
760	ii	libldb2:amd64	2:2.0.8-2	amd64	LDAP-like embedded database - shared library
761	ii	liblvm9:amd64	1:9.0.1-12	amd64	Modular compiler and toolchain technologies, runtime library
762	ii	liblmdb0:amd64	0.9.24-1	amd64	Lightning Memory-Mapped Database shared library
763	ii	liblocale-gettext-perl	1.07-4	amd64	module using libc functions for internationalization in Perl
764	ii	liblouis-data	3.12.0-3	all	Braille translation library - data
765	ii	liblouis20:amd64	3.12.0-3	amd64	Braille translation library - shared libs
766	ii	liblouisutdml-bin	2.8.0-3	amd64	Braille UTDML translation utilities
767	ii	liblouisutdml-data	2.8.0-3	all	Braille UTDML translation library - data
768	ii	liblouisutdml9:amd64	2.8.0-3	amd64	Braille UTDML translation library - shared libs
769	ii	libltdl7:amd64	2.4.6-14	amd64	System independent dlopen wrapper for GNU libtool
770	ii	liblwp-mediatypes-perl	6.04-1	all	module to guess media type for a file or a URL
771	ii	liblwp-protocol-https-perl	6.07-2ubuntu2	all	HTTPS driver for LWP::UserAgent
772	ii	liblz4-1:amd64	1.9.2-2	amd64	Fast LZ compression algorithm library - runtime
773	ii	liblzma5:amd64	5.2.4-1	amd64	XZ-format compression library
774	ii	liblzo2-2:amd64	2.10-2	amd64	data compression library
775	ii	libmagic-mgc	1:5.38-4	amd64	File type determination library using "magic" numbers (compiled magic file)
776	ii	libmagic1:amd64	1:5.38-4	amd64	Recognize the type of data in a file using "magic" numbers - library
777	ii	libmailtools-perl	2.21-1	all	modules to manipulate email in perl programs
778	ii	libmaxminddb0:amd64	1.4.2-0ubuntu1	amd64	IP geolocation database library
779	ii	libmbim-glib4:amd64	1.22.0-2	amd64	Support library to use the MBIM protocol

780	ii	libmbim-proxy	1.22.0-2	amd64	Proxy to communicate with MBIM ports
781	ii	libmediaart-2.0-0:amd64	1.9.4-2	amd64	media art extraction and cache management library
782	ii	libmm-glib0:amd64	1.12.8-1	amd64	D-Bus service for managing modems - shared libraries
783	ii	libmnl0:amd64	1.0.4-2	amd64	minimalistic Netlink communication library
784	ii	libmount1:amd64	2.34-0.1ubuntu9	amd64	device mounting library
785	ii	libmozjs-68-0:amd64	68.6.0-1ubuntu1	amd64	SpiderMonkey JavaScript library
786	ii	libmp3lame0:amd64	3.100-3	amd64	MP3 encoding library
787	ii	libmpc3:amd64	1.1.0-1	amd64	multiple precision complex floating-point library
788	ii	libmpdec2:amd64	2.4.2-3	amd64	library for decimal floating point arithmetic (runtime library)
789	ii	libmpfr6:amd64	4.0.2-1	amd64	multiple precision floating-point computation
790	ii	libmpeg123-0:amd64	1.25.13-1	amd64	MPEG layer 1/2/3 audio decoder (shared library)
791	ii	libmtdev1:amd64	1.1.5-1.1	amd64	Multitouch Protocol Translation Library - shared library
792	ii	libmtp-common	1.1.17-3	all	Media Transfer Protocol (MTP) common files
793	ii	libmtp-runtime	1.1.17-3	amd64	Media Transfer Protocol (MTP) runtime tools
794	ii	libmtp9:amd64	1.1.17-3	amd64	Media Transfer Protocol (MTP) library
795	ii	libmutter-6-0:amd64	3.36.1-3ubuntu3	amd64	window manager library from the Mutter window manager
796	ii	libmysqlclient21:amd64	8.0.19-0ubuntu5	amd64	MySQL database client library
797	ii	libnautilus-extension1a:amd64	1:3.36.1.1-1ubuntu2	amd64	libraries for nautilus components - runtime version
798	ii	libncurses6:amd64	6.2-0ubuntu2	amd64	shared libraries for terminal handling
799	ii	libncursesw6:amd64	6.2-0ubuntu2	amd64	shared libraries for terminal handling (wide character support)
800	ii	libndp0:amd64	1.7-0ubuntu1	amd64	Library for Neighbor Discovery Protocol
801	ii	libnet-dbus-perl	1.2.0-1	amd64	Perl extension for the DBus bindings
802	ii	libnet-http-perl	6.19-1	all	module providing low-level HTTP connection client
803	ii	libnet-smtp-ssl-perl	1.04-1	all	Perl module providing SSL support to Net::SMTP
804	ii	libnet-ssleay-perl	1.88-2ubuntu1	amd64	Perl module for Secure Sockets Layer (SSL)
805	ii	libnetfilter-contrack3:amd64	1.0.7-2	amd64	Netfilter netlink-contrack library
806	ii	libnetplan0:amd64	0.99-0ubuntu1	amd64	YAML network configuration abstraction runtime library
807	ii	libnettle7:amd64	3.5.1+really3.5.1-2	amd64	low level cryptographic library (symmetric and one-way cryptos)
808	ii	libnewt0.52:amd64	0.52.21-4ubuntu2	amd64	Not Erik's Windowing Toolkit - text mode windowing with slang
809	ii	libnfnetlink0:amd64	1.0.1-3build1	amd64	Netfilter netlink library
810	ii	libnfs13:amd64	4.0.0-1	amd64	NFS client library (shared library)
811	ii	libnftnl11:amd64	1.1.5-1	amd64	Netfilter nftables userspace API library
812	ii	libnghttp2-14:amd64	1.40.0-1build1	amd64	library implementing HTTP/2 protocol (shared library)
813	ii	libnl-3-200:amd64	3.4.0-1	amd64	library for dealing with netlink sockets
814	ii	libnl-genl-3-200:amd64	3.4.0-1	amd64	library for dealing with netlink sockets - generic netlink
815	ii	libnl-route-3-200:amd64	3.4.0-1	amd64	library for dealing with netlink sockets - route interface
816	ii	libnm0:amd64	1.22.10-1ubuntu1	amd64	GObject-based client library for NetworkManager
817	ii	libnma0:amd64	1.8.24-1ubuntu2	amd64	library for wireless and mobile dialogs (libnm version)
818	ii	libnotify-bin	0.7.9-1ubuntu2	amd64	sends desktop notifications to a notification daemon (Utilities)
819	ii	libnotify4:amd64	0.7.9-1ubuntu2	amd64	sends desktop notifications to a notification daemon
820	ii	libnpth0:amd64	1.6-1	amd64	replacement for GNU Pth using system threads

821	ii	libnspr4:amd64	2:4.25-1	amd64	NetScape Portable Runtime Library
822	ii	libnss-mdns:amd64	0.14.1-1ubuntu1	amd64	NSS module for Multicast DNS name resolution
823	ii	libnss-systemd:amd64	245.4-4ubuntu3	amd64	nss module providing dynamic user and group name resolution
824	ii	libnss3:amd64	2:3.49.1-1ubuntu1	amd64	Network Security Service libraries
825	ii	libntfs-3g883	1:2017.3.23AR.3-3ubuntu1	amd64	read/write NTFS driver for FUSE (runtime library)
826	ii	libnuma1:amd64	2.0.12-1	amd64	Libraries for controlling NUMA policy
827	ii	libogg0:amd64	1.3.4-0ubuntu1	amd64	Ogg bitstream library
828	ii	libopenjp2-7:amd64	2.3.1-1ubuntu4	amd64	JPEG 2000 image compression/decompression library
829	ii	libopus0:amd64	1.3.1-0ubuntu1	amd64	Opus codec runtime library
830	ii	liborc-0.4-0:amd64	1:0.4.31-1	amd64	Library of Optimized Inner Loops Runtime Compiler
831	ii	libp11-kit0:amd64	0.23.20-1build1	amd64	library for loading and coordinating access to PKCS#11 modules - runtime
832	ii	libpackagekit-glib2-18:amd64	1.1.13-2ubuntu1	amd64	Library for accessing PackageKit using GLib
833	ii	libpam-cap:amd64	1:2.32-1	amd64	POSIX 1003.1e capabilities (PAM module)
834	ii	libpam-fprintd:amd64	1.90.1-1ubuntu1	amd64	PAM module for fingerprint authentication through fprintd
835	ii	libpam-gnome-keyring:amd64	3.36.0-1ubuntu1	amd64	PAM module to unlock the GNOME keyring upon login
836	ii	libpam-modules:amd64	1.3.1-5ubuntu4	amd64	Pluggable Authentication Modules for PAM
837	ii	libpam-modules-bin	1.3.1-5ubuntu4	amd64	Pluggable Authentication Modules for PAM - helper binaries
838	ii	libpam-runtime	1.3.1-5ubuntu4	all	Runtime support for the PAM library
839	ii	libpam-systemd:amd64	245.4-4ubuntu3	amd64	system and service manager - PAM module
840	ii	libpam0g:amd64	1.3.1-5ubuntu4	amd64	Pluggable Authentication Modules library
841	ii	libpango-1.0-0:amd64	1.44.7-2ubuntu4	amd64	Layout and rendering of internationalized text
842	ii	libpangocairo-1.0-0:amd64	1.44.7-2ubuntu4	amd64	Layout and rendering of internationalized text
843	ii	libpangoft2-1.0-0:amd64	1.44.7-2ubuntu4	amd64	Layout and rendering of internationalized text
844	ii	libpangomm-1.4-1v5:amd64	2.42.0-2build1	amd64	C++ Wrapper for pango (shared libraries)
845	ii	libpangoxft-1.0-0:amd64	1.44.7-2ubuntu4	amd64	Layout and rendering of internationalized text
846	ii	libpaper-utils	1.1.28	amd64	library for handling paper characteristics (utilities)
847	ii	libpaper1:amd64	1.1.28	amd64	library for handling paper characteristics
848	ii	libparted-fs-resize0:amd64	3.3-4	amd64	disk partition manipulator - shared FS resizing library
849	ii	libparted2:amd64	3.3-4	amd64	disk partition manipulator - shared library
850	ii	libpcap0.8:amd64	1.9.1-3	amd64	system interface for user-level packet capture
851	ii	libpcaudio0:amd64	1.1-4	amd64	C API to different audio devices - shared library
852	ii	libpci3:amd64	1:3.6.4-1	amd64	PCI utilities (shared library)
853	ii	libpciaccess0:amd64	0.16-0ubuntu1	amd64	Generic PCI access library for X
854	ii	libpcre2-32-0:amd64	10.34-7	amd64	New Perl Compatible Regular Expression Library - 32 bit runtime files
855	ii	libpcre2-8-0:amd64	10.34-7	amd64	New Perl Compatible Regular Expression Library- 8 bit runtime files
856	ii	libpcre3:amd64	2:8.39-12build1	amd64	Old Perl 5 Compatible Regular Expression Library - runtime files
857	ii	libpcsclite1:amd64	1.8.26-3	amd64	Middleware to access a smart card using PC/SC (library)
858	ii	libpeas-1.0-0:amd64	1.26.0-2	amd64	Application plugin library
859	ii	libpeas-common	1.26.0-2	all	Application plugin library (common files)
860	ii	libperl5.30:amd64	5.30.0-9build1	amd64	shared Perl library
861	ii	libphonenumber7:amd64	7.1.0-5ubuntu11	amd64	parsing/formatting/validating phone numbers

862	ii	libpipeline1:amd64	1.5.2-2build1	amd64	Unix process pipeline manipulation library
863	ii	libpixmap-1-0:amd64	0.38.4-0ubuntu1	amd64	pixel-manipulation library for X and cairo
864	ii	libpkcs11-helper1:amd64	1.26-1	amd64	library that simplifies the interaction with PKCS#11
865	ii	libplist3:amd64	2.1.0-4build2	amd64	Library for handling Apple binary and XML property lists
866	ii	libplymouth5:amd64	0.9.4git20200323-0ubuntu6	amd64	graphical boot animation and logger - shared libraries
867	ii	libpng16-16:amd64	1.6.37-2	amd64	PNG library - runtime (version 1.6)
868	ii	libpolkit-agent-1-0:amd64	0.105-26ubuntu1	amd64	PolicyKit Authentication Agent API
869	ii	libpolkit-gobject-1-0:amd64	0.105-26ubuntu1	amd64	PolicyKit Authorization API
870	ii	libpoppler-cpp0v5:amd64	0.86.1-0ubuntu1	amd64	PDF rendering library (CPP shared library)
871	ii	libpoppler-glib8:amd64	0.86.1-0ubuntu1	amd64	PDF rendering library (GLib-based shared library)
872	ii	libpoppler97:amd64	0.86.1-0ubuntu1	amd64	PDF rendering library
873	ii	libpopt0:amd64	1.16-14	amd64	lib for parsing cmdline parameters
874	ii	libprocps8:amd64	2:3.3.16-1ubuntu2	amd64	library for accessing process information from /proc
875	ii	libprotobuf17:amd64	3.6.1.3-2ubuntu5	amd64	protocol buffers C++ library
876	ii	libproxy1-plugin-gsettings:amd64	0.4.15-10	amd64	automatic proxy configuration management library (GSettings plugin)
877	ii	libproxy1-plugin-networkmanager:amd64	0.4.15-10	amd64	automatic proxy configuration management library (Network Manager plugin)
878	ii	libproxy1v5:amd64	0.4.15-10	amd64	automatic proxy configuration management library (shared)
879	ii	libpsl5:amd64	0.21.0-1ubuntu1	amd64	Library for Public Suffix List (shared libraries)
880	ii	libpulse-mainloop-glib0:amd64	1:13.99.1-1ubuntu3	amd64	PulseAudio client libraries (glib support)
881	ii	libpulse0:amd64	1:13.99.1-1ubuntu3	amd64	PulseAudio client libraries
882	ii	libpulsedsp:amd64	1:13.99.1-1ubuntu3	amd64	PulseAudio OSS pre-load library
883	ii	libpwquality-common	1.4.2-1build1	all	library for password quality checking and generation (data files)
884	ii	libpwquality1:amd64	1.4.2-1build1	amd64	library for password quality checking and generation
885	ii	libpython3-stdlib:amd64	3.8.2-0ubuntu2	amd64	interactive high-level object-oriented language (default python3 version)
886	ii	libpython3.8:amd64	3.8.2-1ubuntu1	amd64	Shared Python runtime library (version 3.8)
887	ii	libpython3.8-minimal:amd64	3.8.2-1ubuntu1	amd64	Minimal subset of the Python language (version 3.8)
888	ii	libpython3.8-stdlib:amd64	3.8.2-1ubuntu1	amd64	Interactive high-level object-oriented language (standard library, version 3.8)
889	ii	libqmi-glib5:amd64	1.24.8-1	amd64	Support library to use the Qualcomm MSM Interface (QMI) protocol
890	ii	libqmi-proxy	1.24.8-1	amd64	Proxy to communicate with QMI ports
891	ii	libqpdf26:amd64	9.1.1-1build1	amd64	runtime library for PDF transformation/inspection software
892	ii	libraw1394-11:amd64	2.1.2-1	amd64	library for direct access to IEEE 1394 bus (aka FireWire)
893	ii	libreadline8:amd64	8.0-4	amd64	GNU readline and history libraries, run-time libraries
894	ii	librest-0.7-0:amd64	0.8.1-1	amd64	REST service access library
895	ii	libroken18-heimdal:amd64	7.7.0+dfsg-1ubuntu1	amd64	Heimdal Kerberos - roken support library
896	ii	librsvg2-2:amd64	2.48.2-1	amd64	SAX-based renderer library for SVG files (runtime)
897	ii	librsvg2-common:amd64	2.48.2-1	amd64	SAX-based renderer library for SVG files (extra runtime)
898	ii	librtmp1:amd64	2.4+20151223.gitfa8646d.1-2build1	amd64	toolkit for RTMP streams (shared library)
899	ii	librygel-core-2.6-2:amd64	0.38.3-1ubuntu1	amd64	GNOME UPnP/DLNA services - core library
900	ii	librygel-db-2.6-2:amd64	0.38.3-1ubuntu1	amd64	GNOME UPnP/DLNA services - db library
901	ii	librygel-renderer-2.6-2:amd64	0.38.3-1ubuntu1	amd64	GNOME UPnP/DLNA services - renderer library
902	ii	librygel-server-2.6-2:amd64	0.38.3-1ubuntu1	amd64	GNOME UPnP/DLNA services - server library

903	ii	libsamplerate0:amd64	0.1.9-2	amd64	Audio sample rate conversion library
904	ii	libsane:amd64	1.0.29-0ubuntu5	amd64	API library for scanners
905	ii	libsane-common	1.0.29-0ubuntu5	all	API library for scanners -- documentation and support files
906	ii	libsane-hpaio:amd64	3.20.3+dfsg0-2	amd64	HP SANE backend for multi-function peripherals
907	ii	libsasl2-2:amd64	2.1.27+dfsg-2	amd64	Cyrus SASL - authentication abstraction library
908	ii	libsasl2-modules:amd64	2.1.27+dfsg-2	amd64	Cyrus SASL - pluggable authentication modules
909	ii	libsasl2-modules-db:amd64	2.1.27+dfsg-2	amd64	Cyrus SASL - pluggable authentication modules (DB)
910	ii	libsbc1:amd64	1.4-1	amd64	Sub Band CODEC library - runtime
911	ii	libseccomp2:amd64	2.4.3-1ubuntu1	amd64	high level interface to Linux seccomp filter
912	ii	libsecret-1-0:amd64	0.20.2-1	amd64	Secret store
913	ii	libsecret-common	0.20.2-1	all	Secret store (common files)
914	ii	libselinux1:amd64	3.0-1build2	amd64	SELinux runtime shared libraries
915	ii	libsemanage-common	3.0-1build2	all	Common files for SELinux policy management libraries
916	ii	libsemanage1:amd64	3.0-1build2	amd64	SELinux policy management library
917	ii	libsensors-config	1:3.6.0-2ubuntu1	all	lm-sensors configuration files
918	ii	libsensors5:amd64	1:3.6.0-2ubuntu1	amd64	library to read temperature/voltage/fan sensors
919	ii	libsepol1:amd64	3.0-1	amd64	SELinux library for manipulating binary security policies
920	ii	libshout3:amd64	2.4.3-1	amd64	MP3/Ogg Vorbis broadcast streaming library
921	ii	libsigc++-2.0-0v5:amd64	2.10.2-1build1	amd64	type-safe Signal Framework for C++ - runtime
922	ii	libslang2:amd64	2.3.2-4	amd64	S-Lang programming library - runtime version
923	ii	libsm6:amd64	2:1.2.3-1	amd64	X11 Session Management library
924	ii	libsmartcols1:amd64	2.34-0.1ubuntu9	amd64	smart column output alignment library
925	ii	libsmbclient:amd64	2:4.11.6+dfsg-0ubuntu1	amd64	shared library for communication with SMB/CIFS servers
926	ii	libsmbios-c2	2.4.3-1	amd64	Provide access to (SM)BIOS information -- dynamic library
927	ii	libsnapd-glib1:amd64	1.57-0ubuntu3	amd64	Glib snapd library
928	ii	libsndfile1:amd64	1.0.28-7	amd64	Library for reading/writing audio files
929	ii	libsnmp-base	5.8+dfsg-2ubuntu2	all	SNMP configuration script, MIBs and documentation
930	ii	libsnmp35:amd64	5.8+dfsg-2ubuntu2	amd64	SNMP (Simple Network Management Protocol) library
931	ii	libsodium23:amd64	1.0.18-1	amd64	Network communication, cryptography and signaturing library
932	ii	libsonic0:amd64	0.2.0-8	amd64	Simple library to speed up or slow down speech
933	ii	libsoup-gnome2.4-1:amd64	2.70.0-1	amd64	HTTP library implementation in C -- GNOME support library
934	ii	libsoup2.4-1:amd64	2.70.0-1	amd64	HTTP library implementation in C -- Shared library
935	ii	libsoxr0:amd64	0.1.3-2build1	amd64	High quality 1D sample-rate conversion library
936	ii	libspectre1:amd64	0.2.8-2	amd64	Library for rendering PostScript documents
937	ii	libspeechd2:amd64	0.9.1-4	amd64	Speech Dispatcher: Shared libraries
938	ii	libspeex1:amd64	1.2~rc1.2-1.1ubuntu1	amd64	The Speex codec runtime library
939	ii	libspeexdsp1:amd64	1.2~rc1.2-1.1ubuntu1	amd64	The Speex extended runtime library
940	ii	libsqlite3-0:amd64	3.31.1-4	amd64	SQLite 3 shared library
941	ii	libss2:amd64	1.45.5-2ubuntu1	amd64	command-line interface parsing library
942	ii	libssh-4:amd64	0.9.3-2ubuntu2	amd64	tiny C SSH library (OpenSSL flavor)
943	ii	libssl1.1:amd64	1.1.1f-1ubuntu2	amd64	Secure Sockets Layer toolkit - shared libraries

944	ii	libstartup-notification0:amd64	0.12-6	amd64	library for program launch feedback (shared library)
945	ii	libstdc++6:amd64	10-20200411-0ubuntu1	amd64	GNU Standard C++ Library v3
946	ii	libstemmer0d:amd64	0+svn585-2	amd64	Snowball stemming algorithms for use in Information Retrieval
947	ii	libsynctex2:amd64	2019.20190605.51237-3build2	amd64	TeX Live: SyncTeX parser library
948	ii	libsystemetrics1:amd64	1.6.1	amd64	Report hardware and other collected metrics - shared lib
949	ii	libsystemd0:amd64	245.4-4ubuntu3	amd64	systemd utility library
950	ii	libtag1v5:amd64	1.11.1+dfsg.1-0.3ubuntu2	amd64	audio meta-data library
951	ii	libtag1v5-vanilla:amd64	1.11.1+dfsg.1-0.3ubuntu2	amd64	audio meta-data library - vanilla flavour
952	ii	libtalloc2:amd64	2.3.0-3ubuntu1	amd64	hierarchical pool based memory allocator
953	ii	libtasn1-6:amd64	4.16.0-2	amd64	Manage ASN.1 structures (runtime)
954	ii	libtdb1:amd64	1.4.2-3build1	amd64	Trivial Database - shared library
955	ii	libteamdctl0:amd64	1.30-1	amd64	library for communication with `teamd` process
956	ii	libtepl-4-0:amd64	4.4.0-1	amd64	Text editor library for GTK
957	ii	libtevent0:amd64	0.10.1-4	amd64	talloc-based event loop library - shared library
958	ii	libtext-charwidth-perl	0.04-10	amd64	get display widths of characters on the terminal
959	ii	libtext-iconv-perl	1.7-7	amd64	module to convert between character sets in Perl
960	ii	libtext-wrapi18n-perl	0.06-9	all	internationalized substitute of Text::Wrap
961	ii	libthai-data	0.1.28-3	all	Data files for Thai language support library
962	ii	libthai0:amd64	0.1.28-3	amd64	Thai language support library
963	ii	libtheora0:amd64	1.1.1+dfsg.1-15ubuntu2	amd64	Theora Video Compression Codec
964	ii	libtie-ixhash-perl	1.23-2	all	Perl module to order associative arrays
965	ii	libtiff5:amd64	4.1.0+git191117-2build1	amd64	Tag Image File Format (TIFF) library
966	ii	libtimedate-perl	2.3200-1	all	collection of modules to manipulate date/time information
967	ii	libtinfo6:amd64	6.2-0ubuntu2	amd64	shared low-level terminfo library for terminal handling
968	ii	libtotem-plparser-common	3.26.5-1ubuntu1	all	Totem Playlist Parser library - common files
969	ii	libtotem-plparser18:amd64	3.26.5-1ubuntu1	amd64	Totem Playlist Parser library - runtime files
970	ii	libtracker-control-2.0-0:amd64	2.3.4-1	amd64	library to control/monitor tracker miners
971	ii	libtracker-miner-2.0-0:amd64	2.3.4-1	amd64	tracker data miner library
972	ii	libtracker-sparql-2.0-0:amd64	2.3.4-1	amd64	metadata database, indexer and search tool - library
973	ii	libtry-tiny-perl	0.30-1	all	module providing minimalistic try/catch
974	ii	libtss2-esys0	2.3.2-1	amd64	TPM2 Software stack library - TSS and TCTI libraries
975	ii	libtwolame0:amd64	0.4.0-2	amd64	MPEG Audio Layer 2 encoding library
976	ii	libu2f-udev	1.1.10-1	all	Universal 2nd Factor (U2F) common files
977	ii	libuchardet0:amd64	0.0.6-3build1	amd64	universal charset detection library - shared library
978	ii	libudev1:amd64	245.4-4ubuntu3.5	amd64	libudev shared library
979	ii	libudisks2-0:amd64	2.8.4-1ubuntu1	amd64	GObject based library to access udisks2
980	ii	libunistring2:amd64	0.9.10-2	amd64	Unicode string library for C
981	ii	libunity-protocol-private0:amd64	7.1.4+19.04.20190319-0ubuntu3	amd64	binding to get places into the launcher - private library
982	ii	libunity-scopes-json-def-desktop	7.1.4+19.04.20190319-0ubuntu3	all	binding to get places into the launcher - desktop def file
983	ii	libunity9:amd64	7.1.4+19.04.20190319-0ubuntu3	amd64	binding to get places into the launcher - shared library
984	ii	libunwind8:amd64	1.2.1-9build1	amd64	library to determine the call-chain of a program - runtime



985	ii	libupower-glib3:amd64	0.99.11-1build2	amd64	abstraction for power management - shared library
986	ii	liburi-perl	1.76-2	all	module to manipulate and access URI strings
987	ii	libusb-1.0-0:amd64	2:1.0.23-2build1	amd64	userspace USB programming library
988	ii	libusbmuxd6:amd64	2.0.1-2	amd64	USB multiplexor daemon for iPhone and iPod Touch devices - library
989	ii	libuuid1:amd64	2.34-0.1ubuntu9	amd64	Universally Unique ID library
990	ii	libuv1:amd64	1.34.2-1ubuntu1	amd64	asynchronous event notification library - runtime library
991	ii	libv4l-0:amd64	1.18.0-2build1	amd64	Collection of video4linux support libraries
992	ii	libv4lconvert0:amd64	1.18.0-2build1	amd64	Video4linux frame format conversion library
993	ii	libvisual-0.4-0:amd64	0.4.0-17	amd64	audio visualization framework
994	ii	libvolume-key1	0.3.12-3.1	amd64	Library for manipulating storage encryption keys and passphrases
995	ii	libvorbis0a:amd64	1.3.6-2ubuntu1	amd64	decoder library for Vorbis General Audio Compression Codec
996	ii	libvorbisenc2:amd64	1.3.6-2ubuntu1	amd64	encoder library for Vorbis General Audio Compression Codec
997	ii	libvorbisfile3:amd64	1.3.6-2ubuntu1	amd64	high-level API for Vorbis General Audio Compression Codec
998	ii	libvpx6:amd64	1.8.2-1build1	amd64	VP8 and VP9 video codec (shared library)
999	ii	libvte-2.91-0:amd64	0.60.1-1ubuntu1	amd64	Terminal emulator widget for GTK+ 3.0 - runtime files
1000	ii	libvte-2.91-common	0.60.1-1ubuntu1	amd64	Terminal emulator widget for GTK+ 3.0 - common files
1001	ii	libvulkan1:amd64	1.2.131.2-1	amd64	Vulkan loader library
1002	ii	libwacom-bin	1.3-2ubuntu1	amd64	Wacom model feature query library -- binaries
1003	ii	libwacom-common	1.3-2ubuntu1	all	Wacom model feature query library (common files)
1004	ii	libwacom2:amd64	1.3-2ubuntu1	amd64	Wacom model feature query library
1005	ii	libwavpack1:amd64	5.2.0-1	amd64	audio codec (lossy and lossless) - library
1006	ii	libwayland-client0:amd64	1.18.0-1	amd64	wayland compositor infrastructure - client library
1007	ii	libwayland-cursor0:amd64	1.18.0-1	amd64	wayland compositor infrastructure - cursor library
1008	ii	libwayland-egl1:amd64	1.18.0-1	amd64	wayland compositor infrastructure - EGL library
1009	ii	libwayland-server0:amd64	1.18.0-1	amd64	wayland compositor infrastructure - server library
1010	ii	libwbclient0:amd64	2:4.11.6+dfsg-0ubuntu1	amd64	Samba winbind client library
1011	ii	libwebkit2gtk-4.0-37:amd64	2.28.1-1	amd64	Web content engine library for GTK
1012	ii	libwebp6:amd64	0.6.1-2	amd64	Lossy compression of digital photographic images.
1013	ii	libwebpdemux2:amd64	0.6.1-2	amd64	Lossy compression of digital photographic images.
1014	ii	libwebpmux3:amd64	0.6.1-2	amd64	Lossy compression of digital photographic images.
1015	ii	libwebrtc-audio-processing1:amd64	0.3.1-0ubuntu3	amd64	AudioProcessing module from the WebRTC project.
1016	ii	libwhoopsie-preferences0	22	amd64	Ubuntu error tracker submission settings - shared library
1017	ii	libwhoopsie0:amd64	0.2.69	amd64	Ubuntu error tracker submission - shared library
1018	ii	libwind0-heimdal:amd64	7.7.0+dfsg-1ubuntu1	amd64	Heimdal Kerberos - stringprep implementation
1019	ii	libwmf0.2-7:amd64	0.2.8.4-17ubuntu1	amd64	Windows metafile conversion library
1020	ii	libwmf0.2-7-gtk	0.2.8.4-17ubuntu1	amd64	Windows metafile conversion library
1021	ii	libwnck-3-0:amd64	3.36.0-1	amd64	Window Navigator Construction Kit - runtime files
1022	ii	libwnck-3-common	3.36.0-1	all	Window Navigator Construction Kit - common files
1023	ii	libwoff1:amd64	1.0.2-1build2	amd64	library for converting fonts to WOFF 2.0
1024	ii	libwrap0:amd64	7.6.q-30	amd64	Wietse Venema's TCP wrappers library
1025	ii	libwww-perl	6.43-1	all	simple and consistent interface to the world-wide web

1026	ii	libwww-robotrules-perl	6.02-1	all	database of robots.txt-derived permissions
1027	ii	libx11-6:amd64	2:1.6.9-2ubuntu1	amd64	X11 client-side library
1028	ii	libx11-data	2:1.6.9-2ubuntu1	all	X11 client-side library
1029	ii	libx11-protocol-perl	0.56-7	all	Perl module for the X Window System Protocol, version 11
1030	ii	libx11-xcb1:amd64	2:1.6.9-2ubuntu1	amd64	Xlib/XCB interface library
1031	ii	libxatracker2:amd64	20.0.4-2ubuntu1	amd64	X acceleration library -- runtime
1032	ii	libxau6:amd64	1:1.0.9-0ubuntu1	amd64	X11 authorisation library
1033	ii	libxaw7:amd64	2:1.0.13-1	amd64	X11 Athena Widget library
1034	ii	libxcb-dri2-0:amd64	1.14-2	amd64	X C Binding, dri2 extension
1035	ii	libxcb-dri3-0:amd64	1.14-2	amd64	X C Binding, dri3 extension
1036	ii	libxcb-glx0:amd64	1.14-2	amd64	X C Binding, glx extension
1037	ii	libxcb-icccm4:amd64	0.4.1-1.1	amd64	utility libraries for X C Binding -- icccm
1038	ii	libxcb-image0:amd64	0.4.0-1build1	amd64	utility libraries for X C Binding -- image
1039	ii	libxcb-keysyms1:amd64	0.4.0-1build1	amd64	utility libraries for X C Binding -- keysyms
1040	ii	libxcb-present0:amd64	1.14-2	amd64	X C Binding, present extension
1041	ii	libxcb-randr0:amd64	1.14-2	amd64	X C Binding, randr extension
1042	ii	libxcb-render-util0:amd64	0.3.9-1build1	amd64	utility libraries for X C Binding -- render-util
1043	ii	libxcb-render0:amd64	1.14-2	amd64	X C Binding, render extension
1044	ii	libxcb-res0:amd64	1.14-2	amd64	X C Binding, res extension
1045	ii	libxcb-shape0:amd64	1.14-2	amd64	X C Binding, shape extension
1046	ii	libxcb-shm0:amd64	1.14-2	amd64	X C Binding, shm extension
1047	ii	libxcb-sync1:amd64	1.14-2	amd64	X C Binding, sync extension
1048	ii	libxcb-util1:amd64	0.4.0-0ubuntu3	amd64	utility libraries for X C Binding -- atom, aux and event
1049	ii	libxcb-xfixes0:amd64	1.14-2	amd64	X C Binding, xfixes extension
1050	ii	libxcb-xkb1:amd64	1.14-2	amd64	X C Binding, XKEYBOARD extension
1051	ii	libxcb-xv0:amd64	1.14-2	amd64	X C Binding, xv extension
1052	ii	libxcb1:amd64	1.14-2	amd64	X C Binding
1053	ii	libxcomposite1:amd64	1:0.4.5-1	amd64	X11 Composite extension library
1054	ii	libxcursor1:amd64	1:1.2.0-2	amd64	X cursor management library
1055	ii	libxdamage1:amd64	1:1.1.5-2	amd64	X11 damaged region extension library
1056	ii	libxdmcp6:amd64	1:1.1.3-0ubuntu1	amd64	X11 Display Manager Control Protocol library
1057	ii	libxext6:amd64	2:1.3.4-0ubuntu1	amd64	X11 miscellaneous extension library
1058	ii	libxfixes3:amd64	1:5.0.3-2	amd64	X11 miscellaneous 'fixes' extension library
1059	ii	libxfont2:amd64	1:2.0.3-1	amd64	X11 font rasterisation library
1060	ii	libxft2:amd64	2.3.3-0ubuntu1	amd64	FreeType-based font drawing library for X
1061	ii	libxi6:amd64	2:1.7.10-0ubuntu1	amd64	X11 Input extension library
1062	ii	libxinerama1:amd64	2:1.1.4-2	amd64	X11 Xinerama extension library
1063	ii	libxkbcommon-x11-0:amd64	0.10.0-1	amd64	library to create keymaps with the XKB X11 protocol
1064	ii	libxkbcommon0:amd64	0.10.0-1	amd64	library interface to the XKB compiler - shared library
1065	ii	libxkbfile1:amd64	1:1.1.0-1	amd64	X11 keyboard file manipulation library
1066	ii	libxklavier16:amd64	5.4-4	amd64	X Keyboard Extension high-level API

1067	ii	libxml-parser-perl	2.46-1	amd64	Perl module for parsing XML files
1068	ii	libxml-twig-perl	1:3.50-2	all	Perl module for processing huge XML documents in tree mode
1069	ii	libxml-xpathengine-perl	0.14-1	all	re-usable XPath engine for DOM-like trees
1070	ii	libxml2:amd64	2.9.10+dfsg-5	amd64	GNOME XML library
1071	ii	libxmlb1:amd64	0.1.15-2	amd64	Binary XML library
1072	ii	libxmu6:amd64	2:1.1.3-0ubuntu1	amd64	X11 miscellaneous utility library
1073	ii	libxmuu1:amd64	2:1.1.3-0ubuntu1	amd64	X11 miscellaneous micro-utility library
1074	ii	libxpm4:amd64	1:3.5.12-1	amd64	X11 pixmap library
1075	ii	libxrandr2:amd64	2:1.5.2-0ubuntu1	amd64	X11 RandR extension library
1076	ii	libxrender1:amd64	1:0.9.10-1	amd64	X Rendering Extension client library
1077	ii	libxres1:amd64	2:1.2.0-4	amd64	X11 Resource extension library
1078	ii	libxshmfence1:amd64	1.3-1	amd64	X shared memory fences - shared library
1079	ii	libxslt1.1:amd64	1.1.34-4	amd64	XSLT 1.0 processing library - runtime library
1080	ii	libxss1:amd64	1:1.2.3-1	amd64	X11 Screen Saver extension library
1081	ii	libxt6:amd64	1:1.1.5-1	amd64	X11 toolkit intrinsics library
1082	ii	libxtables12:amd64	1.8.4-3ubuntu2	amd64	netfilter xtables library
1083	ii	libxtst6:amd64	2:1.2.3-1	amd64	X11 Testing -- Record extension library
1084	ii	libxv1:amd64	2:1.0.11-1	amd64	X11 Video extension library
1085	ii	libxvnc1:amd64	2:1.0.12-2	amd64	X11 Video extension library
1086	ii	libxxf86dga1:amd64	2:1.1.5-0ubuntu1	amd64	X11 Direct Graphics Access extension library
1087	ii	libxxf86vm1:amd64	1:1.1.4-1build1	amd64	X11 XFree86 video mode extension library
1088	ii	libyaml-0-2:amd64	0.2.2-1	amd64	Fast YAML 1.1 parser and emitter library
1089	ii	libyelp0:amd64	3.36.0-1	amd64	Library for the GNOME help browser
1090	ii	libzstd1:amd64	1.4.4+dfsg-3	amd64	fast lossless compression algorithm
1091	ii	linux-base	4.5ubuntu3	all	Linux image base package
1092	ii	linux-firmware	1.187	all	Firmware for Linux kernel drivers
1093	ii	linux-generic-hwe-20.04	5.8.0.45.51~20.04.31	amd64	Complete Generic Linux kernel and headers
1094	ii	linux-headers-5.4.0-26	5.4.0-26.30	all	Header files related to Linux kernel version 5.4.0
1095	ii	linux-headers-5.4.0-26-generic	5.4.0-26.30	amd64	Linux kernel headers for version 5.4.0 on 64 bit x86 SMP
1096	ii	linux-headers-5.8.0-45-generic	5.8.0-45.51~20.04.1	amd64	Linux kernel headers for version 5.8.0 on 64 bit x86 SMP
1097	ii	linux-headers-generic-hwe-20.04	5.8.0.45.51~20.04.31	amd64	Generic Linux kernel headers
1098	ii	linux-hwe-5.8-headers-5.8.0-45	5.8.0-45.51~20.04.1	all	Header files related to Linux kernel version 5.8.0
1099	ii	linux-image-5.4.0-26-generic	5.4.0-26.30	amd64	Signed kernel image generic
1100	ii	linux-image-5.8.0-45-generic	5.8.0-45.51~20.04.1+1	amd64	Signed kernel image generic
1101	ii	linux-image-generic-hwe-20.04	5.8.0.45.51~20.04.31	amd64	Generic Linux kernel image
1102	ii	linux-modules-5.4.0-26-generic	5.4.0-26.30	amd64	Linux kernel extra modules for version 5.4.0 on 64 bit x86 SMP
1103	ii	linux-modules-5.8.0-45-generic	5.8.0-45.51~20.04.1	amd64	Linux kernel extra modules for version 5.8.0 on 64 bit x86 SMP
1104	ii	linux-modules-extra-5.4.0-26-generic	5.4.0-26.30	amd64	Linux kernel extra modules for version 5.4.0 on 64 bit x86 SMP
1105	ii	linux-modules-extra-5.8.0-45-generic	5.8.0-45.51~20.04.1	amd64	Linux kernel extra modules for version 5.8.0 on 64 bit x86 SMP
1106	ii	linux-sound-base	1.0.25+dfsg-0ubuntu5	all	base package for ALSA and OSS sound systems
1107	ii	locales	2.31-0ubuntu9.2	all	GNU C Library: National Language (locale) data [support]

1108	ii	login	1:4.8.1-1ubuntu5	amd64	system login tools
1109	ii	logrotate	3.14.0-4ubuntu3	amd64	Log rotation utility
1110	ii	logsave	1.45.5-2ubuntu1	amd64	save the output of a command in a log file
1111	ii	lsb-base	11.1.0ubuntu2	all	Linux Standard Base init script functionality
1112	ii	lsb-release	11.1.0ubuntu2	all	Linux Standard Base version reporting utility
1113	ii	lshw	02.18.85-0.3ubuntu2	amd64	information about hardware configuration
1114	ii	lsuf	4.93.2+dfsg-1	amd64	utility to list open files
1115	ii	ltrace	0.7.3-6.1ubuntu1	amd64	Tracks runtime library calls in dynamically linked programs
1116	ii	lz4	1.9.2-2	amd64	Fast LZ compression algorithm library - tool
1117	ii	man-db	2.9.1-1	amd64	tools for reading manual pages
1118	ii	manpages	5.05-1	all	Manual pages about using a GNU/Linux system
1119	ii	mawk	1.3.4.20200120-2	amd64	Pattern scanning and text processing language
1120	ii	memtest86+	5.01-3.1ubuntu1	amd64	thorough real-mode memory tester
1121	ii	mesa-vulkan-drivers:amd64	20.0.4-2ubuntu1	amd64	Mesa Vulkan graphics drivers
1122	ii	mime-support	3.64ubuntu1	all	MIME files 'mime.types' & 'mailcap', and support programs
1123	ii	mobile-broadband-provider-info	20190618-3	all	database of mobile broadband service providers
1124	ii	modemmanager	1.12.8-1	amd64	D-Bus service for managing modems
1125	ii	mokutil	0.3.0+1538710437.fb6250f-1	amd64	tools for manipulating machine owner keys
1126	ii	mout	2.34-0.1ubuntu9	amd64	tools for mounting and manipulating filesystems
1127	ii	mousetweaks	3.32.0-2	amd64	mouse accessibility enhancements for the GNOME desktop
1128	ii	mscompress	0.4-7	amd64	Microsoft "compress.exe/expand.exe" compatible (de)compressor
1129	ii	mttools	4.0.24-1	amd64	Tools for manipulating MSDOS files
1130	ii	mtr-tiny	0.93-1	amd64	Full screen ncurses traceroute tool
1131	ii	mutter	3.36.1-3ubuntu3	amd64	Example window manager using GNOME's window manager library
1132	ii	mutter-common	3.36.1-3ubuntu3	all	shared files for the Mutter window manager
1133	ii	mysql-common	5.8+1.0.5ubuntu2	all	MySQL database common files, e.g. /etc/mysql/my.cnf
1134	ii	nano	4.8-1ubuntu1	amd64	small, friendly text editor inspired by Pico
1135	ii	nautilus	1:3.36.1.1-1ubuntu2	amd64	file manager and graphical shell for GNOME
1136	ii	nautilus-data	1:3.36.1.1-1ubuntu2	all	data files for nautilus
1137	ii	nautilus-extension-gnome-terminal	3.36.1.1-1ubuntu1	amd64	GNOME terminal emulator application - Nautilus extension
1138	ii	nautilus-sendto	3.8.6-3	amd64	easily send files via email from within Nautilus
1139	ii	nautilus-share	0.7.3-2ubuntu3	amd64	Nautilus extension to share folder using Samba
1140	ii	ncurses-base	6.2-0ubuntu2	all	basic terminal type definitions
1141	ii	ncurses-bin	6.2-0ubuntu2	amd64	terminal-related programs and man pages
1142	ii	netbase	6.1	all	Basic TCP/IP networking system
1143	ii	netcat-openbsd	1.206-1ubuntu1	amd64	TCP/IP swiss army knife
1144	ii	netplan.io	0.99-0ubuntu1	amd64	YAML network configuration abstraction for various backends
1145	ii	network-manager	1.22.10-1ubuntu1	amd64	network management framework (daemon and userspace tools)
1146	ii	network-manager-config-connectivity-ubuntu	1.22.10-1ubuntu1	all	NetworkManager configuration to enable connectivity checking
1147	ii	network-manager-gnome	1.8.24-1ubuntu2	amd64	network management framework (GNOME frontend)
1148	ii	network-manager-openvpn	1.8.12-1	amd64	network management framework (OpenVPN plugin core)

1149	ii	network-manager-ovpn-gnome	1.8.12-1	amd64	network management framework (OpenVPN plugin GNOME GUI)
1150	ii	network-manager-pptp	1.2.8-2	amd64	network management framework (PPTP plugin core)
1151	ii	network-manager-pptp-gnome	1.2.8-2	amd64	network management framework (PPTP plugin GNOME GUI)
1152	ii	networkd-dispatcher	2.0.1-1	all	Dispatcher service for systemd-networkd connection status changes
1153	ii	ntfs-3g	1:2017.3.23AR.3-3ubuntu1	amd64	read/write NTFS driver for FUSE
1154	ii	openprinting-ppds	20200401-1	all	OpenPrinting printer support - PostScript PPD files
1155	ii	openssh-client	1:8.2p1-4	amd64	secure shell (SSH) client, for secure access to remote machines
1156	ii	openssl	1.1.1f-1ubuntu2	amd64	Secure Sockets Layer toolkit - cryptographic utility
1157	ii	openvpn	2.4.7-1ubuntu2	amd64	virtual private network daemon
1158	ii	orca	3.36.1-0ubuntu1	all	Scriptable screen reader
1159	ii	os-prober	1.74ubuntu2	amd64	utility to detect other OSes on a set of drives
1160	ii	p11-kit	0.23.20-1build1	amd64	p11-glue utilities
1161	ii	p11-kit-modules:amd64	0.23.20-1build1	amd64	p11-glue proxy and trust modules
1162	ii	packagekit	1.1.13-2ubuntu1	amd64	Provides a package management service
1163	ii	packagekit-tools	1.1.13-2ubuntu1	amd64	Provides PackageKit command-line tools
1164	ii	parted	3.3-4	amd64	disk partition manipulator
1165	ii	passwd	1:4.8.1-1ubuntu5	amd64	change and administer password and group data
1166	ii	patch	2.7.6-6	amd64	Apply a diff file to an original
1167	ii	pci.ids	0.0~2020.03.20-1	all	PCI ID Repository
1168	ii	pciutils	1:3.6.4-1	amd64	PCI utilities
1169	ii	pcmciautils	018-11	amd64	PCMCIA utilities for Linux 2.6
1170	ii	perl	5.30.0-9build1	amd64	Larry Wall's Practical Extraction and Report Language
1171	ii	perl-base	5.30.0-9build1	amd64	minimal Perl system
1172	ii	perl-modules-5.30	5.30.0-9build1	all	Core Perl modules
1173	ii	perl-openssl-defaults:amd64	4	amd64	version compatibility baseline for Perl OpenSSL packages
1174	ii	pinentry-curses	1.1.0-3build1	amd64	curses-based PIN or pass-phrase entry dialog for GnuPG
1175	ii	pinentry-gnome3	1.1.0-3build1	amd64	GNOME 3 PIN or pass-phrase entry dialog for GnuPG
1176	ii	pkg-config	0.29.1-0ubuntu4	amd64	manage compile and link flags for libraries
1177	ii	plymouth	0.9.4git20200323-0ubuntu6	amd64	boot animation, logger and I/O multiplexer
1178	ii	plymouth-label	0.9.4git20200323-0ubuntu6	amd64	boot animation, logger and I/O multiplexer - label control
1179	ii	plymouth-theme-spinner	0.9.4git20200323-0ubuntu6	amd64	boot animation, logger and I/O multiplexer - spinner theme
1180	ii	plymouth-theme-ubuntu-text	0.9.4git20200323-0ubuntu6	amd64	boot animation, logger and I/O multiplexer - ubuntu text theme
1181	ii	policykit-1	0.105-26ubuntu1	amd64	framework for managing administrative policies and privileges
1182	ii	policykit-desktop-privileges	0.21	all	run common desktop actions without password
1183	ii	poppler-data	0.4.9-2	all	encoding data for the poppler PDF rendering library
1184	ii	poppler-utils	0.86.1-0ubuntu1	amd64	PDF utilities (based on Poppler)
1185	ii	popularity-contest	1.69ubuntu1	all	Vote for your favourite packages automatically
1186	ii	powermgmt-base	1.36	all	common utils for power management
1187	ii	ppp	2.4.7-2+4.1ubuntu5	amd64	Point-to-Point Protocol (PPP) - daemon
1188	ii	pptp-linux	1.10.0-1build1	amd64	Point-to-Point Tunneling Protocol (PPTP) Client
1189	ii	printer-driver-brlaser	6-1build1	amd64	printer driver for (some) Brother laser printers

1190	ii	printer-driver-c2esp	27-6	amd64	printer driver for Kodak ESP AiO color inkjet Series
1191	ii	printer-driver-foo2zjs	20171202dfsg0-4	amd64	printer driver for ZjStream-based printers
1192	ii	printer-driver-foo2zjs-common	20171202dfsg0-4	all	printer driver for ZjStream-based printers - common files
1193	ii	printer-driver-hpcups	3.20.3+dfsg0-2	amd64	HP Linux Printing and Imaging - CUPS Raster driver (hpcups)
1194	ii	printer-driver-m2300w	0.51-14	amd64	printer driver for Minolta magicolor 2300W/2400W color laser printers
1195	ii	printer-driver-min12xxw	0.0.9-11	amd64	printer driver for KonicaMinolta PagePro 1[234]xxW
1196	ii	printer-driver-pnm2ppa	1.13+nondbs-0ubuntu6	amd64	printer driver for HP-GDI printers
1197	ii	printer-driver-postscript-hp	3.20.3+dfsg0-2	amd64	HP Printers PostScript Descriptions
1198	ii	printer-driver-ptouch	1.4.2-3	amd64	printer driver Brother P-touch label printers
1199	ii	printer-driver-pxljr	1.4+repack0-5	amd64	printer driver for HP Color LaserJet 35xx/36xx
1200	ii	printer-driver-sag-gdi	0.1-7	all	printer driver for Ricoh Aficio SP 1000s/SP 1100s
1201	ii	printer-driver-splix	2.0.0+svn315-7fakesync1build1	amd64	Driver for Samsung and Xerox SPL2 and SPLc laser printers
1202	ii	procps	2:3.3.16-1ubuntu2	amd64	/proc file system utilities
1203	ii	psmisc	23.3-1	amd64	utilities that use the proc file system
1204	ii	publicsuffix	20200303.0012-1	all	accurate, machine-readable list of domain name suffixes
1205	ii	pulseaudio	1:13.99.1-1ubuntu3	amd64	PulseAudio sound server
1206	ii	pulseaudio-module-bluetooth	1:13.99.1-1ubuntu3	amd64	Bluetooth module for PulseAudio sound server
1207	ii	pulseaudio-utils	1:13.99.1-1ubuntu3	amd64	Command line tools for the PulseAudio sound server
1208	ii	python-apt-common	2.0.0	all	Python interface to libapt-pkg (locales)
1209	ii	python3	3.8.2-0ubuntu2	amd64	interactive high-level object-oriented language (default python3 version)
1210	ii	python3-apport	2.20.11-0ubuntu27	all	Python 3 library for Apport crash report handling
1211	ii	python3-apt	2.0.0	amd64	Python 3 interface to libapt-pkg
1212	ii	python3-aptdaemon	1.1.1+bzr982-0ubuntu32	all	Python 3 module for the server and client of aptdaemon
1213	ii	python3-aptdaemon.gtk3widgets	1.1.1+bzr982-0ubuntu32	all	Python 3 GTK+ 3 widgets to run an aptdaemon client
1214	ii	python3-blinker	1.4+dfsg1-0.3ubuntu1	all	fast, simple object-to-object and broadcast signaling library
1215	ii	python3-brlapi:amd64	6.0+dfsg-4ubuntu6	amd64	Braille display access via BRLTTY - Python3 bindings
1216	ii	python3-cairo:amd64	1.16.2-2ubuntu2	amd64	Python3 bindings for the Cairo vector graphics library
1217	ii	python3-certifi	2019.11.28-1	all	root certificates for validating SSL certs and verifying TLS hosts (python3)
1218	ii	python3-ctypes-backend	1.14.0-1build1	amd64	Foreign Function Interface for Python 3 calling C code - runtime
1219	ii	python3-chardet	3.0.4-4build1	all	universal character encoding detector for Python3
1220	ii	python3-commandnotfound	20.04.2	all	Python 3 bindings for command-not-found.
1221	ii	python3-cryptography	2.8-3	amd64	Python library exposing cryptographic recipes and primitives (Python 3)
1222	ii	python3-cups	1.9.73-3build1	amd64	Python3 bindings for CUPS
1223	ii	python3-cupshelpers	1.5.12-0ubuntu1	all	Python utility modules around the CUPS printing system
1224	ii	python3-dateutil	2.7.3-3ubuntu1	all	powerful extensions to the standard Python 3 datetime module
1225	ii	python3-dbus	1.2.16-1build1	amd64	simple interprocess messaging system (Python 3 interface)
1226	ii	python3-debconf	1.5.73	all	interact with debconf from Python 3
1227	ii	python3-debian	0.1.36ubuntu1	all	Python 3 modules to work with Debian-related data formats
1228	ii	python3-defer	1.0.6-2.1	all	Small framework for asynchronous programming (Python 3)
1229	ii	python3-distro	1.4.0-1	all	Linux OS platform information API
1230	ii	python3-distro-info	0.23ubuntu1	all	information about distributions' releases (Python 3 module)

1231	ii	python3-distupgrade	1:20.04.18	all	manage release upgrades
1232	ii	python3-entrypoints	0.3-2ubuntu1	all	Discover and load entry points from installed packages (Python 3)
1233	ii	python3-gdbm:amd64	3.8.2-1ubuntu1	amd64	GNU dbm database support for Python 3.x
1234	ii	python3-gi	3.36.0-1	amd64	Python 3 bindings for GObject introspection libraries
1235	ii	python3-gi-cairo	3.36.0-1	amd64	Python 3 Cairo bindings for the GObject library
1236	ii	python3-httplib2	0.14.0-1ubuntu1	all	comprehensive HTTP client library written for Python3
1237	ii	python3-ibus-1.0	1.5.22-2ubuntu2	all	Intelligent Input Bus - introspection overrides for Python (Python 3)
1238	ii	python3-idna	2.8-1	all	Python IDNA2008 (RFC 5891) handling (Python 3)
1239	ii	python3-jwt	1.7.1-2ubuntu2	all	Python 3 implementation of JSON Web Token
1240	ii	python3-keyring	18.0.1-2ubuntu1	all	store and access your passwords safely - Python 3 version of the package
1241	ii	python3-launchpadlib	1.10.13-1	all	Launchpad web services client library (Python 3)
1242	ii	python3-lazr.restfulclient	0.14.2-2build1	all	client for lazr.restful-based web services (Python 3)
1243	ii	python3-lazr.uri	1.0.3-4build1	all	library for parsing, manipulating, and generating URIs
1244	ii	python3-louis	3.12.0-3	all	Python bindings for liblouis
1245	ii	python3-macaroonbakery	1.3.1-1	all	Higher-level macaroon operations for Python 3
1246	ii	python3-minimal	3.8.2-0ubuntu2	amd64	minimal subset of the Python language (default python3 version)
1247	ii	python3-nacl	1.3.0-5	amd64	Python bindings to libsodium (Python 3)
1248	ii	python3-netifaces	0.10.4-1ubuntu4	amd64	portable network interface information - Python 3.x
1249	ii	python3-oauthlib	3.1.0-1ubuntu2	all	generic, spec-compliant implementation of OAuth for Python3
1250	ii	python3-olefile	0.46-2	all	Python module to read/write MS OLE2 files
1251	ii	python3-pexpect	4.6.0-1build1	all	Python 3 module for automating interactive applications
1252	ii	python3-pil:amd64	7.0.0-4build1	amd64	Python Imaging Library (Python3)
1253	ii	python3-pkg-resources	45.2.0-1	all	Package Discovery and Resource Access using pkg_resources
1254	ii	python3-problem-report	2.20.11-0ubuntu27	all	Python 3 library to handle problem reports
1255	ii	python3-protobuf	3.6.1.3-2ubuntu5	amd64	Python 3 bindings for protocol buffers
1256	ii	python3-ptyprocess	0.6.0-1ubuntu1	all	Run a subprocess in a pseudo terminal from Python 3
1257	ii	python3-pyatspi	2.36.0-1	all	Assistive Technology Service Provider Interface - Python3 bindings
1258	ii	python3-pymacaroons	0.13.0-3	all	Macaroon library for Python 3
1259	ii	python3-renderpm:amd64	3.5.34-1ubuntu1	amd64	python low level render interface
1260	ii	python3-reportlab	3.5.34-1ubuntu1	all	ReportLab library to create PDF documents using Python3
1261	ii	python3-reportlab-accel:amd64	3.5.34-1ubuntu1	amd64	C coded extension accelerator for the ReportLab Toolkit
1262	ii	python3-requests	2.22.0-2ubuntu1	all	elegant and simple HTTP library for Python3, built for human beings
1263	ii	python3-requests-unixsocket	0.2.0-2	all	Use requests to talk HTTP via a UNIX domain socket - Python 3.x
1264	ii	python3-rfc3339	1.1-2	all	parser and generator of RFC 3339-compliant timestamps (Python 3)
1265	ii	python3-secretstorage	2.3.1-2ubuntu1	all	Python module for storing secrets - Python 3.x version
1266	ii	python3-simplejson	3.16.0-2ubuntu2	amd64	simple, fast, extensible JSON encoder/decoder for Python 3.x
1267	ii	python3-six	1.14.0-2	all	Python 2 and 3 compatibility library (Python 3 interface)
1268	ii	python3-software-properties	0.98.9	all	manage the repositories that you install software from
1269	ii	python3-speechd	0.9.1-4	all	Python interface to Speech Dispatcher
1270	ii	python3-systemd	234-3build2	amd64	Python 3 bindings for systemd
1271	ii	python3-talloc:amd64	2.3.0-3ubuntu1	amd64	hierarchical pool based memory allocator - Python3 bindings

1272	ii	python3-tz	2019.3-1	all	Python3 version of the Olson timezone database
1273	ii	python3-update-manager	1:20.04.9	all	python 3.x module for update-manager
1274	ii	python3-urllib3	1.25.8-2	all	HTTP library with thread-safe connection pooling for Python3
1275	ii	python3-wadllib	1.3.3-3build1	all	Python 3 library for navigating WADL files
1276	ii	python3-xdg	0.26-1ubuntu1	all	Python 3 library to access freedesktop.org standards
1277	ii	python3-xkit	0.5.0ubuntu4	all	library for the manipulation of xorg.conf files (Python 3)
1278	ii	python3-yaml	5.3.1-1	amd64	YAML parser and emitter for Python3
1279	ii	python3.8	3.8.2-1ubuntu1	amd64	Interactive high-level object-oriented language (version 3.8)
1280	ii	python3.8-minimal	3.8.2-1ubuntu1	amd64	Minimal subset of the Python language (version 3.8)
1281	ii	readline-common	8.0-4	all	GNU readline and history libraries, common files
1282	ii	rfdkill	2.34-0.1ubuntu9	amd64	tool for enabling and disabling wireless devices
1283	ii	rsync	3.1.3-8	amd64	fast, versatile, remote (and local) file-copying tool
1284	ii	rsyslog	8.2001.0-1ubuntu1	amd64	reliable system and kernel logging daemon
1285	ii	rtdkit	0.12-4	amd64	Realtime Policy and Watchdog Daemon
1286	ii	rygel	0.38.3-1ubuntu1	amd64	GNOME UPnP/DLNA services
1287	ii	samba-ls:amd64	2:4.11.6+dfsg-0ubuntu1	amd64	Samba core libraries
1288	ii	sane-utils	1.0.29-0ubuntu5	amd64	API library for scanners -- utilities
1289	ii	sbsigntool	0.9.2-2ubuntu1	amd64	Tools to manipulate signatures on UEFI binaries and drivers
1290	ii	seahorse	3.36-1	amd64	GNOME front end for GnuPG
1291	ii	secureboot-db	1.5	amd64	Secure Boot updates for DB and DBX
1292	ii	sed	4.7-1	amd64	GNU stream editor for filtering/transforming text
1293	ii	sensible-utils	0.0.12+nmu1	all	Utilities for sensible alternative selection
1294	ii	session-migration	0.3.5	amd64	Tool to migrate in user session settings
1295	ii	sgml-base	1.29.1	all	SGML infrastructure and SGML catalog file support
1296	ii	sgml-data	2.0.11	all	common SGML and XML data
1297	ii	shared-mime-info	1.15-1	amd64	FreeDesktop.org shared MIME database and spec
1298	ii	shim	15+1552672080.a4a1fbc-0ubuntu2	amd64	boot loader to chain-load signed boot loaders under Secure Boot
1299	ii	shim-signed	1.40.4+15+1552672080.a4a1fbc-0ubuntu2	amd64	Secure Boot chain-loading bootloader (Microsoft-signed binary)
1300	ii	snappy	2.44.3+20.04	amd64	Daemon and tooling that enable snap packages
1301	ii	software-properties-common	0.98.9	all	manage the repositories that you install software from (common)
1302	ii	software-properties-gtk	0.98.9	all	manage the repositories that you install software from (gtk)
1303	ii	sound-icons	0.1-7	all	Sounds for speech enabled applications
1304	ii	sound-theme-freedesktop	0.8-2ubuntu1	all	freedesktop.org sound theme
1305	ii	speech-dispatcher	0.9.1-4	amd64	Common interface to speech synthesizers
1306	ii	speech-dispatcher-audio-plugins:amd64	0.9.1-4	amd64	Speech Dispatcher: Audio output plugins
1307	ii	speech-dispatcher-espeak-ng	0.9.1-4	amd64	Speech Dispatcher: Espeak-ng output module
1308	ii	spice-vdagent	0.19.0-2	amd64	Spice agent for Linux
1309	ii	squashfs-tools	1:4.4-1	amd64	Tool to create and append to squashfs filesystems
1310	ii	ssl-cert	1.0.39	all	simple debconf wrapper for OpenSSL
1311	ii	strace	4.26-0.2ubuntu3	amd64	System call tracer
1312	ii	sudo	1.8.31-1ubuntu1	amd64	Provide limited super user privileges to specific users



1313	ii	switcheroo-control	2.1-1	amd64	D-Bus service to check the availability of dual-GPU
1314	ii	system-config-printer	1.5.12-0ubuntu1	all	graphical interface to configure the printing system
1315	ii	system-config-printer-common	1.5.12-0ubuntu1	all	backend and the translation files for system-config-printer
1316	ii	system-config-printer-udev	1.5.12-0ubuntu1	amd64	Utilities to detect and configure printers automatically
1317	ii	systemd	245.4-4ubuntu3	amd64	system and service manager
1318	ii	systemd-sysv	245.4-4ubuntu3	amd64	system and service manager - SysV links
1319	ii	systemd-timesyncd	245.4-4ubuntu3	amd64	minimalistic service to synchronize local time with NTP servers
1320	ii	sysvinit-utils	2.96-2.1ubuntu1	amd64	System-V-like utilities
1321	ii	tar	1.30+dfsg-7	amd64	GNU version of the tar archiving utility
1322	ii	tcpdump	4.9.3-4	amd64	command-line network traffic analyzer
1323	ii	telnet	0.17-41.2build1	amd64	basic telnet client
1324	ii	thermald	1.9.1-1build1	amd64	Thermal monitoring and controlling daemon
1325	ii	time	1.7-25.1build1	amd64	GNU time program for measuring CPU resource usage
1326	ii	tpm-udev	0.4	all	udev rules for TPM modules
1327	ii	tracker	2.3.4-1	amd64	metadata database, indexer and search tool
1328	ii	tracker-extract	2.3.3-2	amd64	metadata database, indexer and search tool - metadata extractors
1329	ii	tracker-miner-fs	2.3.3-2	amd64	metadata database, indexer and search tool - filesystem indexer
1330	ii	tzdata	2019c-3ubuntu1	all	time zone and daylight-saving time data
1331	ii	ubuntu-advantage-tools	20.3	amd64	management tools for Ubuntu Advantage
1332	ii	ubuntu-desktop	1.450	amd64	The Ubuntu desktop system
1333	ii	ubuntu-desktop-minimal	1.450	amd64	The Ubuntu desktop minimal system
1334	ii	ubuntu-docs	20.04.2	all	Ubuntu Desktop Guide
1335	ii	ubuntu-drivers-common	1:0.8.1	amd64	Detect and install additional Ubuntu driver packages
1336	ii	ubuntu-keyring	2020.02.11.2	all	GnuPG keys of the Ubuntu archive
1337	ii	ubuntu-minimal	1.450	amd64	Minimal core of Ubuntu
1338	ii	ubuntu-mono	19.04-0ubuntu3	all	Ubuntu Mono Icon theme
1339	ii	ubuntu-release-upgrader-core	1:20.04.18	all	manage release upgrades
1340	ii	ubuntu-release-upgrader-gtk	1:20.04.18	all	manage release upgrades
1341	ii	ubuntu-report	1.6.1	amd64	Report hardware and other collected metrics
1342	ii	ubuntu-session	3.36.0-2ubuntu1	all	Ubuntu session with GNOME Shell
1343	ii	ubuntu-settings	20.04.5	all	default settings for the Ubuntu desktop
1344	ii	ubuntu-standard	1.450	amd64	The Ubuntu standard system
1345	ii	ubuntu-wallpapers	20.04.2-0ubuntu1	all	Ubuntu Wallpapers
1346	ii	ubuntu-wallpapers-focal	20.04.2-0ubuntu1	all	Ubuntu 20.04 Wallpapers
1347	ii	ucf	3.0038+nmu1	all	Update Configuration File(s): preserve user changes to config files
1348	ii	udev	245.4-4ubuntu3.5	amd64	/dev/ and hotplug management daemon
1349	ii	udisks2	2.8.4-1ubuntu1	amd64	D-Bus service to access and manipulate storage devices
1350	ii	ufw	0.36-6	all	program for managing a Netfilter firewall
1351	ii	unattended-upgrades	2.3	all	automatic installation of security upgrades
1352	ii	unzip	6.0-25ubuntu1	amd64	De-archiver for .zip files
1353	ii	update-inetd	4.50	all	inetd configuration file updater

1354	ii	update-manager	1:20.04.9	all	GNOME application that manages apt updates
1355	ii	update-manager-core	1:20.04.9	all	manage release upgrades
1356	ii	update-notifier	3.192.30	amd64	Daemon which notifies about package updates
1357	ii	update-notifier-common	3.192.30	all	Files shared between update-notifier and other packages
1358	ii	upower	0.99.11-1build2	amd64	abstraction for power management
1359	ii	usb-modeswitch	2.5.2+repack0-2ubuntu3	amd64	mode switching tool for controlling "flip flop" USB devices
1360	ii	usb-modeswitch-data	20191128-3	all	mode switching data for usb-modeswitch
1361	ii	usb.ids	2020.03.19-1	all	USB ID Repository
1362	ii	usbmuxd	1.1.1~git20191130.9af2b12-1	amd64	USB multiplexor daemon for iPhone and iPod Touch devices
1363	ii	usbutils	1:012-2	amd64	Linux USB utilities
1364	ii	util-linux	2.34-0.1ubuntu9	amd64	miscellaneous system utilities
1365	ii	uuid-runtime	2.34-0.1ubuntu9	amd64	runtime components for the Universally Unique ID library
1366	ii	vim-common	2:8.1.2269-1ubuntu5	all	Vi IMproved - Common files
1367	ii	vim-tiny	2:8.1.2269-1ubuntu5	amd64	Vi IMproved - enhanced vi editor - compact version
1368	ii	wamerican	2018.04.16-1	all	American English dictionary words for /usr/share/dict
1369	ii	wbritish	2018.04.16-1	all	British English dictionary words for /usr/share/dict
1370	ii	wfrench	1.2.5-1	all	French dictionary words for /usr/share/dict
1371	ii	wget	1.20.3-1ubuntu1	amd64	retrieves files from the web
1372	ii	whiptail	0.52.21-4ubuntu2	amd64	Displays user-friendly dialog boxes from shell scripts
1373	ii	whoopsie	0.2.69	amd64	Ubuntu error tracker submission
1374	ii	whoopsie-preferences	22	amd64	System preferences for error reporting
1375	ii	wireless-regdb	2018.05.09-0ubuntu1	all	wireless regulatory database
1376	ii	wireless-tools	30~pre9-13ubuntu1	amd64	Tools for manipulating Linux Wireless Extensions
1377	ii	wpa_supplicant	2:2.9-1ubuntu4	amd64	client support for WPA and WPA2 (IEEE 802.11i)
1378	ii	x11-apps	7.7+8	amd64	X applications
1379	ii	x11-common	1:7.7+19ubuntu14	all	X Window System (X.Org) infrastructure
1380	ii	x11-session-utils	7.7+4	amd64	X session utilities
1381	ii	x11-utils	7.7+5	amd64	X11 utilities
1382	ii	x11-xkb-utils	7.7+5	amd64	X11 XKB utilities
1383	ii	x11-xserver-utils	7.7+8	amd64	X server utilities
1384	ii	xauth	1:1.1-0ubuntu1	amd64	X authentication utility
1385	ii	xbitmaps	1.1.1-2	all	Base X bitmaps
1386	ii	xbrlapi	6.0+dfsg-4ubuntu6	amd64	Access software for a blind person using a braille display - xbrlapi
1387	ii	xcursor-themes	1.0.6-0ubuntu1	all	Base X cursor themes
1388	ii	xdg-dbus-proxy	0.1.2-1	amd64	filtering D-Bus proxy
1389	ii	xdg-desktop-portal	1.6.0-1	amd64	desktop integration portal for Flatpak and Snap
1390	ii	xdg-desktop-portal-gtk	1.6.0-1build1	amd64	GTK+/GNOME portal backend for xdg-desktop-portal
1391	ii	xdg-user-dirs	0.17-2ubuntu1	amd64	tool to manage well known user directories
1392	ii	xdg-user-dirs-gtk	0.10-3	amd64	tool to manage well known user directories (Gtk extension)
1393	ii	xdg-utils	1.1.3-2ubuntu1	all	desktop integration utilities from freedesktop.org
1394	ii	xfonts-base	1:1.0.5	all	standard fonts for X

1395	ii	xfonts-encodings	1:1.0.5-0ubuntu1	all	Encodings for X.Org fonts
1396	ii	xfonts-scalable	1:1.0.3-1.1	all	scalable fonts for X
1397	ii	xfonts-utils	1:7.7+6	amd64	X Window System font utility programs
1398	ii	xinit	1.4.1-0ubuntu2	amd64	X server initialisation tool
1399	ii	xinput	1.6.3-1	amd64	Runtime configuration and test of XInput devices
1400	ii	xkb-data	2.29-2	all	X Keyboard Extension (XKB) configuration data
1401	ii	xml-core	0.18+nmu1	all	XML infrastructure and XML catalog file support
1402	ii	xorg	1:7.7+19ubuntu14	amd64	X.Org X Window System
1403	ii	xorg-docs-core	1:1.7.1-1.1	all	Core documentation for the X.org X Window System
1404	ii	xserver-common	2:1.20.8-2ubuntu2	all	common files used by various X servers
1405	ii	xserver-xephyr	2:1.20.8-2ubuntu2	amd64	nested X server
1406	ii	xserver-xorg	1:7.7+19ubuntu14	amd64	X.Org X server
1407	ii	xserver-xorg-core	2:1.20.8-2ubuntu2	amd64	Xorg X server - core server
1408	ii	xserver-xorg-input-all	1:7.7+19ubuntu14	amd64	X.Org X server -- input driver metapackage
1409	ii	xserver-xorg-input-libinput	0.29.0-1	amd64	X.Org X server -- libinput input driver
1410	ii	xserver-xorg-input-wacom	1:0.39.0-0ubuntu1	amd64	X.Org X server -- Wacom input driver
1411	ii	xserver-xorg-legacy	2:1.20.8-2ubuntu2	amd64	setuid root Xorg server wrapper
1412	ii	xserver-xorg-video-all	1:7.7+19ubuntu14	amd64	X.Org X server -- output driver metapackage
1413	ii	xserver-xorg-video-amdgpu	19.1.0-1	amd64	X.Org X server -- AMDGPU display driver
1414	ii	xserver-xorg-video-ati	1:19.1.0-1	amd64	X.Org X server -- AMD/ATI display driver wrapper
1415	ii	xserver-xorg-video-fbdev	1:0.5.0-1ubuntu1	amd64	X.Org X server -- fbdev display driver
1416	ii	xserver-xorg-video-intel	2:2.99.917+git20200226-1	amd64	X.Org X server -- Intel i8xx, i9xx display driver
1417	ii	xserver-xorg-video-nouveau	1:1.0.16-1	amd64	X.Org X server -- Nouveau display driver
1418	ii	xserver-xorg-video-qxl	0.1.5+git20200331-1	amd64	X.Org X server -- QXL display driver
1419	ii	xserver-xorg-video-radeon	1:19.1.0-1	amd64	X.Org X server -- AMD/ATI Radeon display driver
1420	ii	xserver-xorg-video-vesa	1:2.4.0-2	amd64	X.Org X server -- VESA display driver
1421	ii	xserver-xorg-video-vmware	1:13.3.0-3	amd64	X.Org X server -- VMware display driver
1422	ii	xul-ext-ubufox	3.4-0ubuntu1.17.10.1	all	Ubuntu modifications for Firefox
1423	ii	xwayland	2:1.20.8-2ubuntu2	amd64	Xwayland X server
1424	ii	xxd	2:8.1.2269-1ubuntu5	amd64	tool to make (or reverse) a hex dump
1425	ii	xz-utils	5.2.4-1	amd64	XZ-format compression utilities
1426	ii	Yaru-theme-gnome-shell	20.04.6	all	Yaru GNOME Shell desktop theme from the Ubuntu Community
1427	ii	Yaru-theme-gtk	20.04.6	all	Yaru GTK theme from the Ubuntu Community
1428	ii	Yaru-theme-icon	20.04.6	all	Yaru icon theme from the Ubuntu Community
1429	ii	Yaru-theme-sound	20.04.6	all	Yaru sound theme from the Ubuntu Community
1430	ii	yelp	3.36.0-1	amd64	Help browser for GNOME
1431	ii	yelp-xsl	3.36.0-1	all	XSL stylesheets for the yelp help browser
1432	ii	zenity	3.32.0-5	amd64	Display graphical dialog boxes from shell scripts
1433	ii	zenity-common	3.32.0-5	all	Display graphical dialog boxes from shell scripts (common files)
1434	ii	zip	3.0-11build1	amd64	Archiver for .zip files
1435	ii	zlib1g:amd64	1:1.2.11.dfsg-2ubuntu1	amd64	compression library - runtime