

Name	Version	Comment
adduser	3.134	add and remove users and groups
amd64-microcode	3.20240820.1~deb12u1	Platform firmware and microcode for AMD CPUs and SoCs
apparmor	3.0.8-3	user-space parser utility for AppArmor
appstream	0.16.1-2	Software component metadata management
apt	2.6.1	commandline package manager
apt-listchanges	3.24	package change history notification tool
apt	2.6.1	transitional package for https support
apt	2.6.1	package management related utility programs
base-files	12.4+deb12u11	Debian base system miscellaneous files
base-passwd	3.6.1	Debian base system master password and group files
bash	5.2.15-2	GNU Bourne Again SHell
bash-completion	1:2.11-6	programmable completion for the bash shell
bind9	1:9.18.33-1~deb12u2	Clients provided with BIND 9
bind9	1:9.18.33-1~deb12u2	DNS Lookup Utility
bind9	1:9.18.33-1~deb12u2	Shared Libraries used by BIND 9
binutils	2.40-2	GNU assembler, linker and binary utilities
binutils	2.40-2	Common files for the GNU assembler, linker and binary utilities
binutils	2.40-2	GNU binary utilities, for x86-64-linux-gnu target
util-linux	2.38.1-5+deb12u3	extra utilities from 4.4BSD-Lite
util-linux	2.38.1-5+deb12u3	basic utilities from 4.4BSD-Lite
build-essential	12.9	Informational list of build-essential packages

busybox	1:1.35.0-4	Tiny utilities for small and embedded systems
bzip2	1.0.8-5	high-quality block-sorting file compressor - utilities
ca-certificates	20230311+deb12u1	Common CA certificates
cifs-utils	2:7.0-2	Common Internet File System utilities
cloud-utils	0.33-1	cloud guest utilities
cloud-init	22.4.2-1	initialization system for infrastructure cloud instances
console-setup	1.221	console font and keymap setup program
console-setup	1.221	Linux specific part of console-setup
containerd.io	1.7.27-1	An open and reliable container runtime
coreutils	9.1-1	GNU core utilities
cpio	2.13+dfsg-7.1	GNU cpio -- a program to manage archives of files
gcc-defaults	1.203	GNU C preprocessor (cpp)
gcc-12	12.2.0-14+deb12u1	GNU C preprocessor
cron	3.0pl1-162	process scheduling daemon
cron	3.0pl1-162	process scheduling daemon's configuration files
cryptsetup	2:2.6.1-4~deb12u2	disk encryption support - startup scripts
cryptsetup	2:2.6.1-4~deb12u2	disk encryption support - command line tools
curl	7.88.1-10+deb12u12	command line tool for transferring data with URL syntax
dash	0.5.12-2	POSIX-compliant shell
dbus	1.14.10-1~deb12u1	simple interprocess messaging system (system message bus)
dbus	1.14.10-1~deb12u1	simple interprocess messaging system (command line utilities)

dbus	1.14.10-1~deb12u1	simple interprocess messaging system (reference message bus)
dbus	1.14.10-1~deb12u1	simple interprocess messaging system (session bus configuration)
dbus	1.14.10-1~deb12u1	simple interprocess messaging system (system bus configuration)
dbus	1.14.10-1~deb12u1	simple interprocess messaging system (systemd --user integration)
debconf	1.5.82	Debian configuration management system
debconf	1.5.82	full internationalization support for debconf
debian-archive-keyring	2023.3+deb12u2	GnuPG archive keys of the Debian archive
debian-faq	11.1	Debian Frequently Asked Questions
debianutils	5.7-0.5~deb12u1	Miscellaneous utilities specific to Debian
dictionaries-common	1.29.5	spelling dictionaries - common utilities
diffutils	1:3.8-4	File comparison utilities
gnupg2	2.2.40-1.1	GNU privacy guard - network certificate management service
discover	2.1.2-10	hardware identification system
discover-data	2.2013.01.13	Data lists for Discover hardware detection system
distro-info-data	0.58+deb12u4	information about the distributions' releases (data files)
dmidecode	3.4-1	SMBIOS/DMI table decoder
lvm2	2.03.16-2	Linux Kernel Device Mapper userspace library
doc-debian	11.3+nmu1	Debian Project documentation and other documents
docker-ce	5:28.3.3-1~debian.12~bookworm	Docker Buildx cli plugin.

docker-ce	5:28.3.3-1~debian.12~bookworm	Docker: the open-source application container engine
docker-ce	5:28.3.3-1~debian.12~bookworm	Docker CLI: the open-source application container engine
docker-ce	5:28.3.3-1~debian.12~bookworm	Rootless support for Docker.
docker-ce	5:28.3.3-1~debian.12~bookworm	Docker Compose (V2) plugin for the Docker CLI.
docker-ce	5:28.3.3-1~debian.12~bookworm	Docker Model Runner plugin for the Docker CLI.
dpkg	1.21.22	Debian package management system
dpkg	1.21.22	Debian package development tools
e2fsprogs	1.47.0-2	ext2/ext3/ext4 file system utilities
libeatmydata	130-2	Library and utilities designed to disable fsync and friends
util-linux	2.38.1-5+deb12u3	ejects CDs and operates CD-Changers under Linux
emacsen-common	3.0.5	Common facilities for all emacsen
ethtool	1:6.1-1	display or change Ethernet device settings
fakEROOT	1.31-1.2	tool for simulating superuser privileges
util-linux	2.38.1-5+deb12u3	collection of partitioning utilities
file	1:5.44-3	Recognize the type of data in a file using "magic" numbers
findutils	4.9.0-4	utilities for finding files-- find, xargs
firmware-free	20200122-1	Binary firmware for various drivers in the Linux kernel
fontconfig	2.14.1-4	generic font configuration library - configuration
fonts-dejavu	2.37-6	Vera font family derivate with additional characters

fuse3	3.14.0-4	Filesystem in Userspace (3.x version)
gcc-defaults	1.203	GNU C++ compiler
gcc-12	12.2.0-14+deb12u1	GNU C++ compiler
gcc-defaults	1.203	GNU C compiler
gcc-12	12.2.0-14+deb12u1	GNU C compiler
gcc-12	12.2.0-14+deb12u1	GCC, the GNU Compiler Collection (base package)
gdisk	1.0.9-2.1	GPT fdisk text-mode partitioning tool
cdrkit	9:1.1.11-3.4	Creates ISO-9660 CD-ROM filesystem images
gettext	0.21-12	GNU Internationalization utilities for the base system
gobject-introspection	1.74.0-3	Introspection data for GLib, GObject, Gio and GModule
packagekit	1.2.6-5	GObject introspection data for the PackageKit GLib library
git	1:2.39.5-0+deb12u2	fast, scalable, distributed revision control system
git	1:2.39.5-0+deb12u2	fast, scalable, distributed revision control system (manual pages)
gnupg2	2.2.40-1.1	GNU privacy guard - a free PGP replacement
gnupg2	2.2.40-1.1	GNU privacy guard - localization files
gnupg2	2.2.40-1.1	GNU privacy guard - utility programs
gnupg2	2.2.40-1.1	GNU Privacy Guard -- minimalist public key operations
gnupg2	2.2.40-1.1	GNU privacy guard - cryptographic agent
gnupg2	2.2.40-1.1	GNU privacy guard - Web Key Service client
gnupg2	2.2.40-1.1	GNU privacy guard - Web Key Service server
gnupg2	2.2.40-1.1	GNU privacy guard - core configuration utilities
gnupg2	2.2.40-1.1	GNU privacy guard - S/MIME version

gnupg2	2.2.40-1.1	GNU privacy guard - signature verification tool
grep	3.8-5	GNU grep, egrep and fgrep
groff	1.22.4-10	GNU troff text-formatting system (base system components)
grub2	2.06-13+deb12u1	GRand Unified Bootloader (common files)
grub2	2.06-13+deb12u1	GRand Unified Bootloader, version 2 (PC/BIOS version)
grub2	2.06-13+deb12u1	GRand Unified Bootloader, version 2 (PC/BIOS modules)
grub2	2.06-13+deb12u1	GRand Unified Bootloader (common files for version 2)
gzip	1.12-1	GNU compression utilities
hostname	3.23+nmu1	utility to set/show the host name or domain name
htop	3.2.2-2	interactive processes viewer
ispell	3.4.05-1	American English dictionary for ispell (standard version)
ispell	3.4.05-1	British English dictionary for ispell (standard version)
ispell	3.4.05-1	Common files for British and American ispell dictionaries
ifupdown	0.8.41	high level tools to configure network interfaces
inetutils	2:2.4-2+deb12u1	telnet client
init-system-helpers	1.65.2	metapackage ensuring an init system is installed
init-system-helpers	1.65.2	helper tools for all init systems
initramfs-tools	0.142+deb12u3	generic modular initramfs generator (automation)
initramfs-tools	0.142+deb12u3	generic modular initramfs generator (core tools)
installation-report	2.89	system installation report
iproute2	6.1.0-3	networking and traffic control tools
iptables	1.8.9-2	administration tools for packet filtering and NAT

iputils	3:20221126-1+deb12u1	Tools to test the reachability of network hosts
isc-dhcp	4.4.3-P1-2	DHCP client for automatically obtaining an IP address
isc-dhcp	4.4.3-P1-2	common manpages relevant to all of the isc-dhcp packages
iso-codes	4.15.0-1	ISO language, territory, currency, script codes and their translations
ispell	3.4.05-1	International Ispell (an interactive spelling corrector)
javascript-common	11+nmu1	Base support for JavaScript library packages
kbd	2.5.1-1	Linux console font and keytable utilities
console-setup	1.221	system-wide keyboard preferences
keyutils	1.6.3-2	Linux Key Management Utilities
klibc	2.0.12-1	small utilities built with klibc for early boot
kmod	30+20221128-1	tools for managing Linux kernel modules
krb5	1.20.1-2+deb12u3	internationalization support for MIT Kerberos
laptop-detect	0.16	system chassis type checker
less	590-2.1~deb12u2	pager program similar to more
abseil	20220623.1-1+deb12u2	extensions to the C++ standard library
acl	2.3.1-3	access control list - shared library
libalgorithm-diff-perl	1.201-1	module to find differences between files
libalgorithm-diff-xs-perl	0.04-8	module to find differences between files (XS accelerated)
libalgorithm-merge-perl	0.08-5	Perl module for three-way merge of textual data

aom	3.6.0-1+deb12u1	AV1 Video Codec Library
apparmor	3.0.8-3	changehat AppArmor library
appstream	0.16.1-2	Library to access AppStream services
apt	2.6.1	package management runtime library
argon2	0~20171227-0.3+deb12u1	memory-hard hashing function - runtime library
gcc-12	12.2.0-14+deb12u1	AddressSanitizer -- a fast memory error detector
libassuan	2.5.5-5	IPC library for the GnuPG components
gcc-12	12.2.0-14+deb12u1	support library providing __atomic built-in functions
attr	1:2.5.1-4	extended attribute handling - shared library
audit	1:3.0.9-1	Dynamic library for security auditing - common files
audit	1:3.0.9-1	Dynamic library for security auditing
libavif	0.11.1-1+deb12u1	Library for handling .avif files
binutils	2.40-2	GNU binary utilities (private shared library)
util-linux	2.38.1-5+deb12u3	block device ID library
libbpf	1.1.0-1	eBPF helper library (shared library)
brotli	1.0.9-2	library implementing brotli encoder and decoder (shared libraries)
libbsd	0.11.7-2	utility functions from BSD systems - shared library
bzip2	1.0.8-5	high-quality block-sorting file compressor library - runtime
glibc	2.36-9+deb12u10	GNU C Library: Binaries
glibc	2.36-9+deb12u10	GNU C Library: Development binaries
glibc	2.36-9+deb12u10	GNU C Library: Development tools
glibc	2.36-9+deb12u10	GNU C Library: localization files

glibc	2.36-9+deb12u10	GNU C Library: Shared libraries
glibc	2.36-9+deb12u10	GNU C Library: Development Libraries and Header Files
libcap-ng	0.8.3-1	alternate POSIX capabilities library
libcap2	1:2.66-4+deb12u1	POSIX 1003.1e capabilities (library)
libcap2	1:2.66-4+deb12u1	POSIX 1003.1e capabilities (utilities)
libcbor	0.8.0-2	library for parsing and generating CBOR (RFC 7049)
gcc-12	12.2.0-14+deb12u1	GCC cc1 plugin for GDB
e2fsprogs	1.47.0-2	common error description library
libxcrypt	1:4.4.33-2	libcrypt development files
libxcrypt	1:4.4.33-2	libcrypt shared library
cryptsetup	2:2.6.1-4~deb12u2	disk encryption support - shared library
binutils	2.40-2	Compact C Type Format library (runtime, no BFD dependency)
binutils	2.40-2	Compact C Type Format library (runtime, BFD dependency)
curl	7.88.1-10+deb12u12	easy-to-use client-side URL transfer library (GnuTLS flavour)
curl	7.88.1-10+deb12u12	easy-to-use client-side URL transfer library (OpenSSL flavour)
dav1d	1.0.0-2+deb12u1	fast and small AV1 video stream decoder (shared library)
db5.3	5.3.28+dfsg2-1	Berkeley v5.3 Database Libraries [runtime]
dbus	1.14.10-1~deb12u1	simple interprocess messaging system (library)
libde265	1.0.11-1+deb12u2	Open H.265 video codec implementation

cdebconf	0.270	Debian Configuration Management System (C-implementation library)
libdeflate	1.14-1	fast, whole-buffer DEFLATE-based compression and decompression
discover	2.1.2-10	hardware identification library
dpkg	1.21.22	Dpkg perl modules
libdrm	2.4.114-1	Userspace interface to kernel DRM services -- common files
libdrm	2.4.114-1	Userspace interface to kernel DRM services -- runtime
duktape	2.7.0-2	embeddable Javascript engine, library
elfutils	0.188-2.1	library that provides access to the DWARF debug information
libeatmydata	130-2	Library and utilities to disable fsync and friends - shared library
libedit	3.1-20221030-2	BSD editline and history libraries
efivar	37-6	Library to manage UEFI variables
elfutils	0.188-2.1	library to read and write ELF files
liberror-perl	0.17029-2	Perl module for error/exception handling in an OO-ish way
expat	2.5.0-1+deb12u1	XML parsing C library - runtime library
expat	2.5.0-1+deb12u1	XML parsing C library - development kit
e2fsprogs	1.47.0-2	ext2/ext3/ext4 file system libraries
fakEROOT	1.31-1.2	tool for simulating superuser privileges - shared libraries
util-linux	2.38.1-5+deb12u3	fdisk partitioning library

libffi	3.4.4-1	Foreign Function Interface library runtime
libfido2	1.12.0-2	library for generating and verifying FIDO 2.0 objects
libfile-fcntllock-perl	0.22-4	Perl module for file locking with fcntl(2)
fontconfig	2.14.1-4	generic font configuration library - runtime
freetype	2.12.1+dfsg-5+deb12u4	FreeType 2 font engine, shared library files
fstrm	0.6.1-1	Frame Streams (fstrm) library
fuse	2.9.9-6	Filesystem in Userspace (library)
fuse3	3.14.0-4	Filesystem in Userspace (library) (3.x version)
libgav1	0.18.0-1	AV1 decoder developed by Google -- runtime library
gcc-12	12.2.0-14+deb12u1	GCC support library (development files)
gcc-12	12.2.0-14+deb12u1	GCC support library
libgcrypt20	1.10.1-3	LGPL Crypto library - runtime library
libgd2	2.3.3-9	GD Graphics Library
gdbm	1.23-3	GNU dbm database routines (legacy support runtime version)
gdbm	1.23-3	GNU dbm database routines (runtime version)
gobject-introspection	1.74.0-3	Library for handling GObject introspection data (runtime library)
glib2.0	2.74.6-2+deb12u6	GLib library of C routines
glib2.0	2.74.6-2+deb12u6	Programs for the GLib library
glib2.0	2.74.6-2+deb12u6	Common files for GLib library
gmp	2:6.2.1+dfsg1-1.1	Multiprecision arithmetic library
gnutls28	3.7.9-2+deb12u5	GNU TLS library - main runtime library
gcc-12	12.2.0-14+deb12u1	GCC OpenMP (GOMP) support library

libgpg-error	1.46-1	GnuPG development runtime library
gpm	1.20.7-10	General Purpose Mouse - shared library
binutils	2.40-2	GNU Next Generation profiler (runtime library)
krb5	1.20.1-2+deb12u3	MIT Kerberos runtime libraries - krb5 GSS-API Mechanism
gstreamer1.0	1.22.0-2+deb12u1	Core GStreamer libraries and elements
libheif	1.15.1-1+deb12u1	ISO/IEC 23008-12:2017 HEIF file format decoder - shared library
nettle	3.8.1-2	low level cryptographic library (public-key cryptos)
icu	72.1-3+deb12u1	International Components for Unicode
libidn2	2.3.3-1	Internationalized domain names (IDNA2008/TR46) library
iptables	1.8.9-2	netfilter libip4tc library
iptables	1.8.9-2	netfilter libip6tc library
isl	0.25-1.1	manipulating sets and relations of integer points bounded by linear constraints
gcc-12	12.2.0-14+deb12u1	GNU Transactional Memory Library
jansson	2.14-2	C library for encoding, decoding and manipulating JSON data
jbigkit	2.1-6.1	JBIGKit libraries
jemalloc	5.3.0-1	general-purpose scalable concurrent malloc(3) implementation
libjpeg-turbo	1:2.1.5-2	libjpeg-turbo JPEG runtime library
node-jquery	3.6.1+dfsg+~3.5.14-1	JavaScript library for dynamic web applications
sphinx	5.3.0-4	JavaScript support for Sphinx documentation

underscore	1.13.4~dfsg+~1.11.4-3	JavaScript's functional programming helper library
json-c	0.16-2	JSON manipulation library - shared library
krb5	1.20.1-2+deb12u3	MIT Kerberos runtime libraries - Crypto Library
keyutils	1.6.3-2	Linux Key Management Utilities (library)
klibc	2.0.12-1	minimal libc subset for use with initramfs
kmod	30+20221128-1	libkmod shared library
krb5	1.20.1-2+deb12u3	MIT Kerberos runtime libraries
krb5	1.20.1-2+deb12u3	MIT Kerberos runtime libraries - Support library
libksba	1.6.3-2	X.509 and CMS support library
openldap	2.5.13+dfsg-5	OpenLDAP libraries
openldap	2.5.13+dfsg-5	OpenLDAP common files for libraries
lerc	4.0.0+ds-2	Limited Error Raster Compression library
lmdb	0.9.24-1	Lightning Memory-Mapped Database shared library
liblocale-gettext-perl	1.07-5	module using libc functions for internationalization in Perl
liblockfile	1.17-1	support binaries for and cli utilities based on liblockfile
gcc-12	12.2.0-14+deb12u1	LeakSanitizer -- a memory leak detector (runtime)
lz4	1.9.4-1	Fast LZ compression algorithm library - runtime
xz-utils	5.4.1-1	XZ-format compression library
file	1:5.44-3	File type determination library using "magic" numbers (compiled magic file)
file	1:5.44-3	Recognize the type of data in a file using "magic" numbers - library

libmaxminddb	1.7.1-1	IP geolocation database library
libmd	1.0.4-2	message digest functions from BSD systems - shared library
libmnl	1.0.4-3	minimalistic Netlink communication library
util-linux	2.38.1-5+deb12u3	device mounting library
mpclib3	1.3.1-1	multiple precision complex floating-point library
mpfr4	4.2.0-1	multiple precision floating-point computation
libmspack	0.11-1	library for Microsoft compression formats (shared library)
ncurses	6.4-4	developer's libraries for ncurses
ncurses	6.4-4	shared libraries for terminal handling
ncurses	6.4-4	shared libraries for terminal handling (wide character support)
libnetfilter-contrack	1.0.9-3	Netfilter netlink-contrack library
nettle	3.8.1-2	low level cryptographic library (symmetric and one-way cryptos)
newt	0.52.23-1	Not Erik's Windowing Toolkit - text mode windowing with slang
libnfnetlink	1.0.2-2	Netfilter netlink library
nftables	1.0.6-2+deb12u2	Netfilter nftables high level userspace API library
libnftnl	1.2.4-2	Netfilter nftables userspace API library
nghttp2	1.52.0-1+deb12u2	library implementing HTTP/2 protocol (shared library)
libnl3	3.7.0-0.2	library for dealing with netlink sockets
libnl3	3.7.0-0.2	library for dealing with netlink sockets - generic netlink

npth	1.6-3	replacement for GNU Pth using system threads
libnsl	1.3.0-2	libnsl development files
libnsl	1.3.0-2	Public client interface for NIS(YP) and NIS+
systemd	252.38-1~deb12u1	nss module providing dynamic user and group name resolution
numactl	2.0.16-1	Libraries for controlling NUMA policy
p11-kit	0.24.1-2	library for loading and coordinating access to PKCS#11 modules - runtime
packagekit	1.2.6-5	Library for accessing PackageKit using GLib
pam	1.5.2-6+deb12u1	Pluggable Authentication Modules for PAM
pam	1.5.2-6+deb12u1	Pluggable Authentication Modules for PAM - helper binaries
pam	1.5.2-6+deb12u1	Runtime support for the PAM library
systemd	252.38-1~deb12u1	system and service manager - PAM module
pam	1.5.2-6+deb12u1	Pluggable Authentication Modules library
pciutils	1:3.9.0-4	PCI utilities (shared library)
pcre2	10.42-1	New Perl Compatible Regular Expression Library- 8 bit runtime files
perl	5.36.0-7+deb12u2	shared Perl library
libpipeline	1.5.7-1	Unix process pipeline manipulation library
libpng1.6	1.6.39-2	PNG library - runtime (version 1.6)
policykit-1	122-3	polkit Authentication Agent API
policykit-1	122-3	polkit Authorization API
popt	1.19+dfsg-1	lib for parsing cmdline parameters

procps	2:4.0.2-3	library for accessing process information from /proc
protobuf-c	1.4.1-1	Protocol Buffers C shared library (protobuf-c)
libpsl	0.21.2-1	Library for Public Suffix List (shared libraries)
python3-defaults	3.11.2-1	header files and a static library for Python (default)
python3-defaults	3.11.2-1	interactive high-level object-oriented language (default python3 version)
python3.11	3.11.2-6+deb12u6	Shared Python runtime library (version 3.11)
python3.11	3.11.2-6+deb12u6	Header files and a static library for Python (v3.11)
python3.11	3.11.2-6+deb12u6	Minimal subset of the Python language (version 3.11)
python3.11	3.11.2-6+deb12u6	Interactive high-level object-oriented language (standard library, version 3.11)
gcc-12	12.2.0-14+deb12u1	GCC Quad-Precision Math Library
rust-rav1e	0.5.1-6	Fastest and safest AV1 encoder - shared library
readline	8.2-1.3	GNU readline and history libraries, development files
readline	8.2-1.3	GNU readline and history libraries, run-time libraries
rtmpdump	2.4+20151223.gitfa8646d.1-2	toolkit for RTMP streams (shared library)
cyrus-sasl2	2.1.28+dfsg-10	Cyrus SASL - authentication abstraction library
cyrus-sasl2	2.1.28+dfsg-10	Cyrus SASL - pluggable authentication modules
cyrus-sasl2	2.1.28+dfsg-10	Cyrus SASL - pluggable authentication modules (DB)
libseccomp	2.5.4-1+deb12u1	high level interface to Linux seccomp filter

libselinux	3.4-1	SELinux runtime shared libraries
libsemanage	3.4-1	Common files for SELinux policy management libraries
libsemanage	3.4-1	SELinux policy management library
libsepol	3.4-2.1	SELinux library for manipulating binary security policies
slang2	2.3.3-3	S-Lang programming library - runtime version
libslirp	4.7.0-1	General purpose TCP-IP emulator library
util-linux	2.38.1-5+deb12u3	smart column output alignment library
sqlite3	3.40.1-2+deb12u1	SQLite 3 shared library
e2fsprogs	1.47.0-2	command-line interface parsing library
libssh2	1.10.0-3	SSH2 client-side library
openssl	3.0.17-1~deb12u1	Secure Sockets Layer toolkit - development files
openssl	3.0.17-1~deb12u1	Secure Sockets Layer toolkit - shared libraries
gcc-12	12.2.0-14+deb12u1	GNU Standard C++ Library v3 (development files)
gcc-12	12.2.0-14+deb12u1	GNU Standard C++ Library v3
snowball	2.2.0-2	Snowball stemming algorithms for use in Information Retrieval
svt-av1	1.4.1+dfsg-1	Scalable Video Technology for AV1 (libsvtav1enc shared library)
systemd	252.38-1~deb12u1	systemd shared private library
systemd	252.38-1~deb12u1	systemd utility library
malloc	2.4.0-f2	hierarchical pool based memory allocator
libtasn1-6	4.19.0-2+deb12u1	Manage ASN.1 structures (runtime)
libtext-charwidth-perl	0.04-11	get display widths of characters on the terminal

libtext-iconv-perl	1.7-8	module to convert between character sets in Perl
libtext-wrapi18n-perl	0.06-10	internationalized substitute of Text::Wrap
tiff	4.5.0-6+deb12u2	Tag Image File Format (TIFF) library
ncurses	6.4-4	shared low-level terminfo library for terminal handling
libtirpc	1.3.3+ds-1	transport-independent RPC library - common files
libtirpc	1.3.3+ds-1	transport-independent RPC library - development files
libtirpc	1.3.3+ds-1	transport-independent RPC library
gcc-12	12.2.0-14+deb12u1	ThreadSanitizer -- a Valgrind-based detector of data races (runtime)
gcc-12	12.2.0-14+deb12u1	UBSan -- undefined behaviour sanitizer (runtime)
uchardet	0.0.7-1	universal charset detection library - shared library
systemd	252.38-1~deb12u1	libudev shared library
libunistring	1.0-2	Unicode string library for C
libunwind	1.6.2-3	library to determine the call-chain of a program - runtime
libusb-1.0	2:1.0.26-1	userspace USB programming library
util-linux	2.38.1-5+deb12u3	Universally Unique ID library
libuv1	1.44.2-1+deb12u1	asynchronous event notification library - runtime library
samba	2:4.17.12+dfsg-0+deb12u2	Samba winbind client library
libwebp	1.2.4-0.2+deb12u1	Lossy compression of digital photographic images
tcp-wrappers	7.6.q-32	Wietse Venema's TCP wrappers library
libx11	2:1.8.4-2+deb12u2	X11 client-side library
libx11	2:1.8.4-2+deb12u2	X11 client-side library

x265	3.5-2	H.265/HEVC video stream encoder (shared library)
libxau	1:1.0.9-1	X11 authorisation library
libxcb	1.15-1	X C Binding
libxdmcp	1:1.1.2-3	X11 Display Manager Control Protocol library
libxext	2:1.3.4-1	X11 miscellaneous extension library
libxml2	2.9.14+dfsg-1.3~deb12u2	GNOME XML library
libxmlb	0.3.10-2	Binary XML library
xmlsec1	1.2.37-2	XML security library
xmlsec1	1.2.37-2	Openssl engine for the XML security library
libxmu	2:1.1.3-3	X11 miscellaneous micro-utility library
libxpm	1:3.5.12-1.1+deb12u1	X11 pixmap library
libxslt	1.1.35-1+deb12u1	XSLT 1.0 processing library - runtime library
iptables	1.8.9-2	netfilter xtables library
xxhash	0.8.1-1	shared library for xxhash
libyaml	0.2.5-1	Fast YAML 1.1 parser and emitter library
libyuv	0.0~git20230123.b2528b0-1	Library for YUV scaling (shared library)
libzstd	1.5.4+dfsg2-5	fast lossless compression algorithm
linux-base	4.9	Linux image base package
linux-signed-amd64	6.1.55+1	Linux 6.1 for 64-bit PCs (signed)
linux-signed-amd64	6.1.140+1	Linux 6.1 for 64-bit PCs (signed)
linux-signed-amd64	6.1.140+1	Linux for 64-bit PCs (meta-package)
linux	6.1.140-1	Linux support headers for userspace development
glibc	2.36-9+deb12u10	GNU C Library: National Language (locale) data [support]
shadow	1:4.13+dfsg1-1+deb12u1	system login tools
logrotate	3.21.0-1	Log rotation utility
e2fsprogs	1.47.0-2	save the output of a command in a log file

lsb-release-minimal	12.0-1	Linux Standard Base version reporting utility (minimal implementation)
lsuf	4.95.0-1	utility to list open files
mailcap	3.70+nmu1	Debian's mailcap system, and support programs
make-dfsg	4.3-4.1	utility for directing compilation
man-db	2.11.2-2	tools for reading manual pages
manpages	6.03-2	Manual pages about using a GNU/Linux system
manpages	6.03-2	Manual pages about using GNU/Linux for development
mawk	1.3.4.20200120-3.1	Pattern scanning and text processing language
media-types	10.0.0	List of standard media types and their usual file extension
mime-support	3.66	transitional package
util-linux	2.38.1-5+deb12u3	tools for mounting and manipulating filesystems
nano	7.2-1+deb12u1	small, friendly text editor inspired by Pico
ncurses	6.4-4	basic terminal type definitions
ncurses	6.4-4	terminal-related programs and man pages
ncurses	6.4-4	additional terminal type definitions
net-tools	2.10-0.1+deb12u2	NET-3 networking toolkit
netbase	6.4	Basic TCP/IP networking system
netcat	1.10-47	TCP/IP swiss army knife
nftables	1.0.6-2+deb12u2	Program to control packet filtering rules by Netfilter project
open-vm-tools	2:12.2.0-1+deb12u3	Open VMware Tools for virtual machines hosted on VMware (CLI)
openssh	1:9.2p1-2+deb12u7	secure shell (SSH) client, for secure access to remote machines

openssh	1:9.2p1-2+deb12u7	secure shell (SSH) server, for secure access from remote machines
openssh	1:9.2p1-2+deb12u7	secure shell (SSH) sftp server module, for SFTP access from remote machines
openssl	3.0.17-1~deb12u1	Secure Sockets Layer toolkit - cryptographic utility
os-prober	1.81	utility to detect other OSes on a set of drives
packagekit	1.2.6-5	Provides a package management service
packagekit	1.2.6-5	Provides PackageKit command-line tools
shadow	1:4.13+dfsg1-1+deb12u1	change and administer password and group data
patch	2.7.6-7	Apply a diff file to an original
pci.ids	0.0~2023.04.11-1	PCI ID Repository
pciutils	1:3.9.0-4	PCI utilities
pdmenu	1.3.4	simple console menu program
perl	5.36.0-7+deb12u2	Larry Wall's Practical Extraction and Report Language
perl	5.36.0-7+deb12u2	minimal Perl system
perl	5.36.0-7+deb12u2	Core Perl modules
pigz	2.6-1	Parallel Implementation of GZip
pinentry	1.2.1-1	curses-based PIN or passphrase entry dialog for GnuPG
policykit-1	122-3	framework for managing administrative policies and privileges
procps	2:4.0.2-3	/proc file system utilities
publicsuffix	20230209.2326-1	accurate, machine-readable list of domain name suffixes
python-apt	2.6.0	Python interface to libapt-pkg (locales)

python-babel	2.10.3-1	tools for internationalizing Python applications - locale data files
what-is-python	13+deb12u1	symlinks /usr/bin/python to python3
python-apt	2.6.0	Python 3 interface to libapt-pkg
python-attrs	22.2.0-1	Attributes without boilerplate (Python 3)
python-babel	2.10.3-1	tools for internationalizing Python applications - Python 3.x
blinker	1.5-1	Fast, simple object-to-object and broadcast signaling (Python3)
python-certifi	2022.9.24-1	root certificates for validating SSL certs and verifying TLS hosts (python3)
python-cffi	1.15.1-5	Foreign Function Interface for Python 3 calling C code - runtime
chardet	5.1.0+dfsg-2	Universal Character Encoding Detector (Python3)
python-charset-normalizer	3.0.1-2	charset, encoding and language detection (Python 3)
configobj	5.0.8-1	simple but powerful config file reader and writer for Python 3
python-cryptography	38.0.4-3+deb12u1	Python library exposing cryptographic recipes and primitives (Python 3)
dbus-python	1.3.2-4	simple interprocess messaging system (Python 3 interface)
debconf	1.5.82	interact with debconf from Python 3
python-debian	0.1.49	Python 3 modules to work with Debian-related data formats

python-debianbts	4.0.1	Python interface to Debian's Bug Tracking System
python-distro	1.8.0-1	Linux OS platform information API
python3-stdlib-extensions	3.11.2-3	distutils package for Python 3.x
pygobject	3.42.2-3	Python 3 bindings for gobject-introspection libraries
python-httpplib2	0.20.4-3	comprehensive HTTP client library written for Python3
python-idna	3.3-1+deb12u1	Python IDNA2008 (RFC 5891) handling (Python 3)
jinja2	3.1.2-1+deb12u2	small but fast and easy to use stand-alone template engine
python-json-pointer	2.3-2	resolve JSON pointers - Python 3.x
python-json-patch	1.32-2	library to apply JSON patches - Python 3.x
python-jsonschema	4.10.3-1	An(other) implementation of JSON Schema (Draft 3, 4, 6, 7)
pyjwt	2.6.0-1	Python 3 implementation of JSON Web Token
lazr.restfulclient	0.14.5-1	client for lazr.restful-based web services (Python 3)
lazr.uri	1.0.6-3	library for parsing, manipulating, and generating URIs
python3-stdlib-extensions	3.11.2-3	Interactive high-level object-oriented language (lib2to3)
markupsafe	2.1.2-1	HTML/XHTML/XML string library
python3-defaults	3.11.2-1	minimal subset of the Python language (default python3 version)
netifaces	0.11.0-2	portable network interface information - Python 3.x

python-oauthlib	3.2.2-1	generic, spec-compliant implementation of OAuth for Python3
python-pip	23.0.1+dfsg-1	Python package installer
setuptools	66.1.1-1+deb12u1	Package Discovery and Resource Access using pkg_resources
pycurl	7.45.2-3	Python bindings to libcurl (Python 3)
pyparsing	3.0.9-1	alternative to creating and executing simple grammars - Python 3.x
pyrsistent	0.18.1-1	persistent/functional/immutable data structures for Python
pysimplesoap	1.16.2-5	simple and lightweight SOAP Library (Python 3)
reportbug	12.0.0	Python modules for interacting with bug tracking systems
requests	2.28.1+dfsg-1	elegant and simple HTTP library for Python3, built for human beings
python-rfc3987	1.3.8-2	Parsing and validation of URIs (RFC 3986) and IRIs (RFC 3987)
pyserial	3.5-1.1	pyserial - module encapsulating access for the serial port
setuptools	66.1.1-1+deb12u1	Python3 Distutils Enhancements
six	1.16.0-4	Python 2 and 3 compatibility library
software-properties	0.99.30-4.1~deb12u1	manage the repositories that you install software from
python-tz	2022.7.1-4	Python3 version of the Olson timezone database
python-uritemplate	4.1.1-2	implementation of RFC6570 - Python 3.x
python-urllib3	1.26.12-1+deb12u1	HTTP library with thread-safe connection pooling for Python3

python-wadllib	1.3.6-4	Python 3 library for navigating WADL files
webcolors	1.11.1-1	python3 library of color names and value formats
wheel	0.38.4-2	built-package format for Python
pyyaml	6.0-3	YAML parser and emitter for Python3
python3.11	3.11.2-6+deb12u6	Interactive high-level object-oriented language (version 3.11)
readline	8.2-1.3	GNU readline and history libraries, common files
reportbug	12.0.0	reports bugs in the Debian distribution
rpcsvc-proto	1.4.3-1	RPC protocol compiler and definitions
dh-runit	2.15.2	dh-runit implementation detail
sed	4.9-1	GNU stream editor for filtering/transforming text
sensible-utils	0.0.17+nmu1	Utilities for sensible alternative selection
sgml-base	1.31	SGML infrastructure and SGML catalog file support
shared-mime-info	2.2-1	FreeDesktop.org shared MIME database and spec
slirp4netns	1.2.0-1	User-mode networking for unprivileged network namespaces
software-properties	0.99.30-4.1~deb12u1	manage the repositories that you install software from (common)
sudo	1.9.13p3-1+deb12u2	Provide limited super user privileges to specific users
systemd	252.38-1~deb12u1	system and service manager
systemd	252.38-1~deb12u1	system and service manager - SysV compatibility symlinks
systemd	252.38-1~deb12u1	minimalistic service to synchronize local time with NTP servers

sysvinit	3.06-4	System-V-like utilities
tar	1.34+dfsg-1.2+deb12u1	GNU version of the tar archiving utility
tasksel	3.73	General English environment
tasksel	3.73	tool for selecting tasks for installation on Debian systems
tasksel	3.73	official tasks used for installation of Debian systems
traceroute	1:2.1.2-1	Traces the route taken by packets over an IPv4/IPv6 network
tzdata	2025b-0+deb12u1	time zone and daylight-saving time data
ucf	3.0043+nmu1+deb12u1	Update Configuration File(s): preserve user changes to config files
systemd	252.38-1~deb12u1	/dev/ and hotplug management daemon
udftools	2.3-1	tools for UDF filesystems and DVD/CD-R(W) drives
unzip	6.0-28	De-archiver for .zip files
usrmerge	37~deb12u1	Transitional package to assert a merged-/usr system
util-linux	2.38.1-5+deb12u3	miscellaneous system utilities
util-linux	2.38.1-5+deb12u3	interactive login tools
util-linux	2.38.1-5+deb12u3	locales files for util-linux
vim	2:9.0.1378-2+deb12u2	Vi IMproved - Common files
vim	2:9.0.1378-2+deb12u2	Vi IMproved - enhanced vi editor - compact version
scowl	2020.12.07-2	American English dictionary words for /usr/share/dict
wget	1.21.3-1+deb12u1	retrieves files from the web
newt	0.52.23-1	Displays user-friendly dialog boxes from shell scripts
xauth	1:1.1.2-1	X authentication utility
xdg-user-dirs	0.18-1	tool to manage well known user directories

xkeyboard-config	2.35.1-1	X Keyboard Extension (XKB) configuration data
xml-core	0.18+nmu1	XML infrastructure and XML catalog file support
xz-utils	5.4.1-1	XZ-format compression utilities
zerofree	1.1.1-1	zero free blocks from ext2, ext3 and ext4 file-systems
zip	3.0-13	Archiver for .zip files
zlib	1:1.2.13.dfsg-1	compression library - runtime
zlib	1:1.2.13.dfsg-1	compression library - development
libzstd	1.5.4+dfsg2-5	fast lossless compression algorithm -- CLI tool