```
Last login: Fri Jan 24 11:36:02 on ttys000
siddharthpatil@Siddharth-Patils-MacBook ~ % ping google.com
PING google.com (142.250.193.206): 56 data bytes
64 bytes from 142.250.193.206: icmp_seq=0 ttl=112 time=73.815 ms
64 bytes from 142.250.193.206: icmp_seq=1 ttl=112 time=116.312 ms
64 bytes from 142.250.193.206: icmp_seq=2 ttl=112 time=121.083 ms
^C
--- google.com ping statistics ---
3 packets transmitted, 3 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 73.815/103.737/121.083/21.247 ms
siddharthpatil@Siddharth-Patils-MacBook ~ % ping soilanalyser.local
PING soilanalyser.local (192.168.215.136): 56 data bytes
64 bytes from 192.168.215.136: icmp_seq=0 ttl=64 time=207.709 ms
64 bytes from 192.168.215.136: icmp_seq=1 ttl=64 time=12.527 ms
64 bytes from 192.168.215.136: icmp_seq=2 ttl=64 time=29.517 ms
^C
--- soilanalyser.local ping statistics ---
4 packets transmitted, 3 packets received, 25.0% packet loss
round-trip min/avg/max/stddev = 12.527/83.251/207.709/88.278 ms
siddharthpatil@Siddharth-Patils-MacBook ~ % ssh soilanalyser.local
siddharthpatil@soilanalyser.local's password:
Linux soilanalyser 6.6.62+rpt-rpi-v6 #1 Raspbian 1:6.6.62-1+rpt1 (2024-11-25) armv6l

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Fri Jan 24 11:20:19 2025
siddharthpatil@soilanalyser:~ $ pip list
Package                          Version
-------------------------------- ----------
asgiref                          3.6.0
astroid                          2.14.2
asttokens                        2.2.1
attrs                            22.2.0
av                               12.3.0
Babel                            2.10.3
beautifulsoup4                   4.11.2
blinker                          1.5
certifi                          2022.9.24
```

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chardet                 5.1.0
charset-normalizer      3.0.1
click                   8.1.3
colorama                0.4.6
colorzero               2.0
cryptography            38.0.4
cupshelpers             1.0
dbus-python             1.3.2
dill                    0.3.6
distro                  1.8.0
docutils                0.19
Flask                   2.2.2
gpiozero                2.0.1
html5lib                1.1
idna                    3.3
importlib-metadata      4.12.0
isort                   5.6.4
itsdangerous            2.1.2
jedi                    0.18.2
Jinja2                  3.1.2
jsonpointer             2.3
jsonschema              4.10.3
lazy-object-proxy       1.9.0
lgpio                   0.2.2.0
libarchive-c            2.9
libevdev                0.5
logilab-common          1.9.8
lxml                    4.9.2
MarkupSafe              2.1.2
mccabe                  0.7.0
meson                   1.0.1
more-itertools          8.10.0
mypy                    1.0.1
mypy-extensions         0.4.3
numpy                   1.24.2
oauthlib                3.2.2
olefile                 0.46
parso                   0.8.3
pexpect                 4.8.0
pgzero                  1.2
picamera2               0.3.24
pidng                   4.0.9
```

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piexif                    1.1.3
pigpio                    1.78
Pillow                    9.4.0
pip                       23.0.1
platformdirs              2.6.0
psutil                    5.9.4
ptyprocess                0.7.0
pycairo                   1.20.1
pycryptodomex             3.11.0
pycups                    2.0.1
pygame                    2.1.2
Pygments                  2.14.0
PyGObject                 3.42.2
pyinotify                 0.9.6
PyJWT                     2.6.0
pylint                    2.16.2
PyOpenGL                  3.1.6
pyOpenSSL                 23.0.0
PyQt5                     5.15.9
PyQt5-sip                 12.11.1
pyrsistent                0.18.1
pyserial                  3.5
pysmbc                    1.0.23
python-apt                2.6.0
python-dotenv             0.21.0
python-prctl              1.8.1
pytz                      2022.7.1
pyudev                    0.24.0
reportlab                 3.6.12
requests                  2.28.1
requests-oauthlib         1.3.0
responses                 0.18.0
rfc3987                   1.3.8
roman                     3.3
RPi.GPIO                  0.7.1a4
RTIMULib                  7.2.1
Send2Trash                1.8.1b0
sense-hat                 2.6.0
setuptools                66.1.1
simplejpeg                1.6.6
simplejson                3.18.3
six                       1.16.0
```

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smbus2                              0.4.2
soupsieve                           2.3.2
spidev                              3.5
ssh-import-id                       5.10
thonny                              4.1.4
toml                                0.10.2
tomlkit                             0.11.7
tqdm                                4.64.1
twython                             3.8.2
types-aiofiles                      22.1
types-annoy                         1.17
types-appdirs                       1.4
types-aws-xray-sdk                  2.10
types-babel                         2.11
types-backports.ssl-match-hostname  3.7
types-beautifulsoup4                4.11
types-bleach                        5.0
types-boto                          2.49
types-braintree                     4.17
types-cachetools                    5.2
types-caldav                        0.10
types-certifi                       2021.10.8
types-cffi                          1.15
types-chardet                       5.0
types-chevron                       0.14
types-click-spinner                 0.1
types-colorama                      0.4
types-commonmark                    0.9
types-console-menu                  0.7
types-contextvars                   2.4
types-croniter                      1.3
types-cryptography                  3.3
types-D3DShot                       0.1
types-dateparser                    1.1
types-DateTimeRange                 1.2
types-decorator                     5.1
types-Deprecated                    1.2
types-dj-database-url               1.0
types-docopt                        0.6
types-docutils                      0.19
types-editdistance                  0.6
types-emoji                         2.1
```

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types-entrypoints            0.4
types-first                  2.0
types-flake8-2020            1.7
types-flake8-bugbear         22.10.27
types-flake8-builtins        2.0
types-flake8-docstrings      1.6
types-flake8-plugin-utils    1.3
types-flake8-rst-docstrings  0.2
types-flake8-simplify        0.19
types-flake8-typing-imports  1.14
types-Flask-Cors             3.0
types-Flask-SQLAlchemy       2.5
types-fpdf2                  2.5
types-gdb                    12.1
types-google-cloud-ndb       1.11
types-hdbcli                 2.14
types-html5lib               1.1
types-httplib2               0.21
types-humanfriendly          10.0
types-invoke                 1.7
types-JACK-Client            0.5
types-jmespath               1.0
types-jsonschema             4.17
types-keyboard               0.13
types-ldap3                  2.9
types-Markdown               3.4
types-mock                   4.0
types-mypy-extensions        0.4
types-mysqlclient            2.1
types-oauthlib               3.2
types-openpyxl               3.0
types-opentracing            2.4
types-paho-mqtt              1.6
types-paramiko               2.11
types-parsimonious           0.10
types-passlib                1.7
types-passpy                 1.0
types-peewee                 3.15
types-pep8-naming            0.13
types-Pillow                 9.3
types-playsound              1.3
types-polib                  1.1
```

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types-prettytable             3.4
types-protobuf                3.20
types-psutil                  5.9
types-psycopg2                2.9
types-pyaudio                 0.2
types-PyAutoGUI               0.9
types-pycurl                  7.45
types-pyfarmhash              0.3
types-pyflakes                2.5
types-Pygments                2.13
types-pyinstaller             5.6
types-PyMySQL                 1.0
types-pynput                  1.7
types-pyOpenSSL               22.1
types-pyRFC3339               1.1
types-PyScreeze               0.1
types-pysftp                  0.2
types-pytest-lazy-fixture     0.6
types-python-crontab          2.6
types-python-dateutil         2.8
types-python-gflags           3.1
types-python-jose             3.3
types-python-nmap             0.7
types-python-slugify          6.1
types-pytz                    2022.6
types-pyvmomi                 7.0
types-pywin32                 304
types-PyYAML                  6.0
types-redis                   4.3
types-regex                   2022.10.31
types-requests                2.28
types-retry                   0.9
types-Send2Trash              1.8
types-setuptools              65.5
types-simplejson              3.17
types-singledispatch          3.7
types-six                     1.16
types-slumber                 0.7
types-SQLAlchemy              1.4.43
types-stdlib-list             0.8
types-stripe                  3.5
types-tabulate                0.9
```

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types-termcolor                1.1
types-toml                     0.10
types-toposort                 1.7
types-tqdm                     4.64
types-tree-sitter              0.20
types-tree-sitter-languages    1.5
types-ttkthemes                3.2
types-typed-ast                1.5
types-tzlocal                  4.2
types-ujson                    5.5
types-urllib3                  1.26
types-vobject                  0.9
types-waitress                 2.1
types-whatthepatch             1.0
types-xmltodict                0.13
types-xxhash                   3.0
types-zxcvbn                   4.4
typing_extensions              4.4.0
uritemplate                    4.1.1
urllib3                        1.26.12
v4l2-python3                   0.3.5
webcolors                      1.11.1
webencodings                   0.5.1
Werkzeug                       2.2.2
wheel                          0.38.4
wrapt                          1.14.1
zipp                           1.0.0
siddharthpatil@soilanalyser:~ $ pip list --user
siddharthpatil@soilanalyser:~ $ ls
Bookshelf  Desktop  Documents  Downloads  Music  my_project  Pictures  Public  Sync  Templates  Videos  ync
siddharthpatil@soilanalyser:~ $ pip list --user
siddharthpatil@soilanalyser:~ $ apt list --installed
Listing... Done
accountsservice/stable,now 22.08.8-6 armhf [installed,automatic]
acl/stable,now 2.3.1-3 armhf [installed,automatic]
adduser/stable,now 3.134 all [installed]
adwaita-icon-theme/stable,now 43-1 all [installed,automatic]
agnostics/stable,now 0.17 armhf [installed,automatic]
alacarte/stable,stable,now 3.44.2-1+rpt1 all [installed]
alsa-topology-conf/stable,now 1.2.5.1-2 all [installed,automatic]
alsa-ucm-conf/stable,now 1.2.8-1 all [installed,automatic]
alsa-utils/stable,now 1.2.8-1+rpt1 armhf [installed]
```

```
apparmor/stable,now 3.0.8-3 armhf [installed,automatic]
apt-listchanges/stable,now 3.24 all [installed]
apt-utils/stable,now 2.6.1 armhf [installed]
apt/stable,now 2.6.1 armhf [installed]
at-spi2-common/stable,stable,now 2.50.0-1~bpo12+rpt1 all [installed,automatic]
autotouch/stable,stable,now 0.1 all [installed,automatic]
avahi-daemon/stable,now 0.8-10+deb12u1 armhf [installed]
avahi-utils/stable,now 0.8-10+deb12u1 armhf [installed,automatic]
base-files/stable,now 12.4+rpi1+deb12u9 armhf [installed]
base-passwd/stable,now 3.6.1 armhf [installed]
bash-completion/stable,now 1:2.11-6 all [installed]
bash/stable,now 5.2.15-2 armhf [installed]
bc/stable,now 1.07.1-3 armhf [installed,automatic]
binutils-arm-linux-gnueabihf/stable,now 2.40-2+rpi2 armhf [installed,automatic]
binutils-common/stable,now 2.40-2+rpi2 armhf [installed,automatic]
binutils/stable,now 2.40-2+rpi2 armhf [installed,automatic]
blt/stable,now 2.5.3+dfsg-4.1 armhf [installed,automatic]
bluez-firmware/stable,stable,now 1.2-9+rpt3 all [installed,automatic]
bluez/stable,now 5.66-1+rpt1+deb12u2 armhf [installed,automatic]
bsdextrautils/stable,now 2.38.1-5+deb12u3 armhf [installed]
bsdutils/stable,now 1:2.38.1-5+deb12u3 armhf [installed]
bubblewrap/stable,now 0.8.0-2+deb12u1 armhf [installed,automatic]
build-essential/stable,now 12.9 armhf [installed]
busybox/stable,now 1:1.35.0-4 armhf [installed,automatic]
bzip2/stable,now 1.0.8-5+b2 armhf [installed,automatic]
ca-certificates/stable,now 20230311 all [installed]
chromium-codecs-ffmpeg-extra/stable,now 126.0.6478.164-rpt1 armhf [installed,automatic]
chromium-common/stable,now 1:130.0.6723.116-1~deb12u1+rpt1 armhf [installed,automatic]
chromium-l10n/stable,stable,now 1:130.0.6723.116-1~deb12u1+rpt1 all [installed,automatic]
chromium-sandbox/stable,now 1:130.0.6723.116-1~deb12u1+rpt1 armhf [installed,automatic]
chromium/stable,now 1:130.0.6723.116-1~deb12u1+rpt1 armhf [installed]
cifs-utils/stable,now 2:7.0-2 armhf [installed]
colord-data/stable,now 1.4.6-2.2 all [installed,automatic]
colord/stable,now 1.4.6-2.2 armhf [installed,automatic]
console-setup-linux/stable,stable,now 1.221rpt1 all [installed,automatic]
console-setup/stable,stable,now 1.221rpt1 all [installed]
coreutils/stable,now 9.1-1 armhf [installed]
cpio/stable,now 2.13+dfsg-7.1 armhf [installed]
cpp-12/stable,now 12.2.0-14+rpi1 armhf [installed,automatic]
cpp/stable,now 4:12.2.0-3+rpi1 armhf [installed,automatic]
cron-daemon-common/stable,now 3.0pl1-162 all [installed]
cron/stable,now 3.0pl1-162 armhf [installed]
```

```
cups-browsed/stable,now 1.28.17-3+deb12u1 armhf [installed,automatic]
cups-client/stable,now 2.4.2-3+deb12u8 armhf [installed,automatic]
cups-common/stable,now 2.4.2-3+deb12u8 all [installed,automatic]
cups-core-drivers/stable,now 2.4.2-3+deb12u8 armhf [installed,automatic]
cups-daemon/stable,now 2.4.2-3+deb12u8 armhf [installed,automatic]
cups-filters-core-drivers/stable,now 1.28.17-3+deb12u1 armhf [installed,automatic]
cups-filters/stable,now 1.28.17-3+deb12u1 armhf [installed,automatic]
cups-ipp-utils/stable,now 2.4.2-3+deb12u8 armhf [installed,automatic]
cups-pk-helper/stable,now 0.2.6-1+rpt1 armhf [installed,automatic]
cups-ppdc/stable,now 2.4.2-3+deb12u8 armhf [installed,automatic]
cups-server-common/stable,now 2.4.2-3+deb12u8 all [installed,automatic]
cups/stable,now 2.4.2-3+deb12u8 armhf [installed]
curl/stable,now 7.88.1-10+rpi1+deb12u8 armhf [installed]
dash/stable,now 0.5.12-2 armhf [installed]
dbus-bin/stable,now 1.14.10-1~deb12u1 armhf [installed,automatic]
dbus-daemon/stable,now 1.14.10-1~deb12u1 armhf [installed,automatic]
dbus-session-bus-common/stable,now 1.14.10-1~deb12u1 all [installed,automatic]
dbus-system-bus-common/stable,now 1.14.10-1~deb12u1 all [installed,automatic]
dbus-user-session/stable,now 1.14.10-1~deb12u1 armhf [installed,automatic]
dbus-x11/stable,now 1.14.10-1~deb12u1 armhf [installed,automatic]
dbus/stable,now 1.14.10-1~deb12u1 armhf [installed,automatic]
dc/stable,now 1.07.1-3 armhf [installed,automatic]
dconf-cli/stable,now 0.40.0-4 armhf [installed,automatic]
dconf-gsettings-backend/stable,now 0.40.0-4 armhf [installed,automatic]
dconf-service/stable,now 0.40.0-4 armhf [installed,automatic]
debconf-i18n/stable,now 1.5.82 all [installed]
debconf-utils/stable,now 1.5.82 all [installed]
debconf/stable,now 1.5.82 all [installed]
debian-reference-common/stable,now 2.100 all [installed,automatic]
debian-reference-en/stable,now 2.100 all [installed]
debianutils/stable,now 5.7-0.5~deb12u1 armhf [installed]
desktop-base/stable,now 12.0.6+nmu1~deb12u1 all [installed]
desktop-file-utils/stable,now 0.26-1 armhf [installed,automatic]
device-tree-compiler/stable,now 1.6.1-4+b1 armhf [installed,automatic]
dictionaries-common/stable,now 1.29.5 all [installed,automatic]
diffutils/stable,now 1:3.8-4 armhf [installed]
dillo/stable,now 3.0.5-7+rpt2 armhf [installed]
dirmngr/stable,now 2.2.40-1.1 armhf [installed]
distro-info-data/stable,now 0.58+deb12u3 all [installed,automatic]
dmidecode/stable,now 3.4-1 armhf [installed]
dmsetup/stable,now 2:1.02.185-2 armhf [installed]
dns-root-data/stable,now 2024041801~deb12u1 all [installed,automatic]
```

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dnsmasq-base/stable,now 2.90-4~deb12u1 armhf [installed,automatic]
docutils-common/stable,now 0.19+dfsg-6 all [installed,automatic]
dos2unix/stable,now 7.4.3-1 armhf [installed,automatic]
dosfstools/stable,now 4.2-1 armhf [installed]
dphys-swapfile/stable,stable,now 20100506-7.1+rpt3 all [installed]
dpkg-dev/stable,stable,now 1.22.6~bpo12+rpt3 all [installed,automatic]
dpkg/stable,now 1.22.6~bpo12+rpt3 armhf [installed]
e2fsprogs/stable,now 1.47.0-2 armhf [installed]
ed/stable,now 1.19-1 armhf [installed]
eject/stable,now 2.38.1-5+deb12u3 armhf [installed,automatic]
emacsen-common/stable,now 3.0.5 all [installed,automatic]
eom-common/stable,now 1.26.0-2 all [installed,automatic]
eom/stable,now 1.26.0-2 armhf [installed]
ethtool/stable,now 1:6.1-1 armhf [installed]
evince-common/stable,now 43.1-2 all [installed,automatic]
evince/stable,now 43.1-2+b1 armhf [installed]
exfatprogs/stable,now 1.2.0-1+deb12u1 armhf [installed,automatic]
fake-hwclock/stable,now 0.12+nmu1 all [installed]
fakeroot/stable,now 1.31-1.2 armhf [installed,automatic]
fbset/stable,now 2.1-33 armhf [installed]
fdisk/stable,now 2.38.1-5+deb12u3 armhf [installed]
ffmpeg/stable,now 8:5.1.6-0+deb12u1+rpt1 armhf [installed]
file/stable,now 1:5.44-3 armhf [installed]
findutils/stable,now 4.9.0-4 armhf [installed]
fio/stable,now 3.33-3 armhf [installed,automatic]
firefox/now 134.0-1+rpt8 armhf [installed,upgradable to: 134.0.1-1+rpt8]
firmware-atheros/stable,stable,now 1:20230625-2+rpt3 all [installed]
firmware-brcm80211/stable,stable,now 1:20230625-2+rpt3 all [installed]
firmware-libertas/stable,stable,now 1:20230625-2+rpt3 all [installed]
firmware-linux-free/stable,now 20200122-1 all [installed,automatic]
firmware-misc-nonfree/stable,stable,now 1:20230625-2+rpt3 all [installed]
firmware-realtek/stable,stable,now 1:20230625-2+rpt3 all [installed]
flashrom/stable,now 1.3.0-2.1 armhf [installed,automatic]
fontconfig-config/stable,now 2.14.1-4 armhf [installed,automatic]
fontconfig/stable,now 2.14.1-4 armhf [installed,automatic]
fonts-cantarell/stable,now 0.303.1-1 all [installed,automatic]
fonts-dejavu-core/stable,now 2.37-6 all [installed,automatic]
fonts-droid-fallback/stable,now 1:6.0.1r16-1.1 all [installed]
fonts-freefont-ttf/stable,now 20120503-10 all [installed,automatic]
fonts-liberation2/stable,now 2.1.5-1 all [installed]
fonts-liberation/stable,now 1:1.07.4-11 all [installed,automatic]
fonts-mathjax/stable,now 2.7.9+dfsg-1 all [installed,automatic]
```

```
fonts-noto-mono/stable,now 20201225-1 all [installed,automatic]
fonts-piboto/stable,stable,now 1.2 all [installed,automatic]
fonts-quicksand/stable,now 0.2016-2.1 all [installed,automatic]
fonts-urw-base35/stable,now 20200910-7 all [installed,automatic]
fuse3/stable,now 3.14.0-4 armhf [installed,automatic]
g++-12/stable,now 12.2.0-14+rpi1 armhf [installed,automatic]
g++/stable,now 4:12.2.0-3+rpi1 armhf [installed,automatic]
galculator/stable,now 2.1.4-1.2 armhf [installed,automatic]
gcc-10-base/stable,now 10.4.0-7+rpi1 armhf [installed]
gcc-12-base/stable,now 12.2.0-14+rpi1 armhf [installed]
gcc-12/stable,now 12.2.0-14+rpi1 armhf [installed,automatic]
gcc-7-base/stable,now 7.5.0-6+rpi1+b2 armhf [installed]
gcc-8-base/stable,now 8.4.0-7+rpi1 armhf [installed]
gcc-9-base/stable,now 9.4.0-2+rpi1 armhf [installed]
gcc/stable,now 4:12.2.0-3+rpi1 armhf [installed,automatic]
gcr/stable,now 3.41.1-1 armhf [installed,automatic]
gdb/stable,now 13.1-3 armhf [installed]
gdisk/stable,now 1.0.9-2.1 armhf [installed,automatic]
geany-common/stable,stable,now 1.38-1+rpt1 all [installed,automatic]
geany/stable,now 1.38-1+rpt1 armhf [installed]
gettext-base/stable,now 0.21-12 armhf [installed,automatic]
ghostscript/stable,now 10.0.0~dfsg-11+deb12u6 armhf [installed,automatic]
gir1.2-atk-1.0/stable,now 2.50.0-1~bpo12+rpt1 armhf [installed,automatic]
gir1.2-eom-1.0/stable,now 1.26.0-2 armhf [installed,automatic]
gir1.2-freedesktop/stable,now 1.74.0-3+b1 armhf [installed,automatic]
gir1.2-gdkpixbuf-2.0/stable,now 2.42.10+dfsg-1+deb12u1 armhf [installed,automatic]
gir1.2-glib-2.0/stable,now 1.74.0-3+b1 armhf [installed,automatic]
gir1.2-gmenu-3.0/stable,now 3.36.0-1.1 armhf [installed,automatic]
gir1.2-gtk-3.0/stable,now 1:3.24.38-2~deb12u2+rpt7+rpi1 armhf [installed,automatic]
gir1.2-handy-1/stable,now 1.8.1-1+rpt3 armhf [installed,automatic]
gir1.2-harfbuzz-0.0/stable,now 6.0.0+dfsg-3 armhf [installed,automatic]
gir1.2-notify-0.7/stable,now 0.8.1-1 armhf [installed,automatic]
gir1.2-packagekitglib-1.0/stable,now 1.2.6-5 armhf [installed,automatic]
gir1.2-pango-1.0/stable,now 1.50.12+ds-1 armhf [installed,automatic]
gir1.2-polkit-1.0/stable,now 122-3 armhf [installed,automatic]
gir1.2-secret-1/stable,now 0.20.5-3+rpi1 armhf [installed,automatic]
git-man/stable,now 1:2.39.5-0+deb12u1 all [installed,automatic]
git/stable,now 1:2.39.5-0+deb12u1 armhf [installed]
gldriver-test/stable,stable,now 0.15 all [installed]
glib-networking-common/stable,now 2.74.0-4 all [installed,automatic]
glib-networking-services/stable,now 2.74.0-4 armhf [installed,automatic]
glib-networking/stable,now 2.74.0-4 armhf [installed,automatic]
```

```
gnome-desktop3-data/stable,now 43.2-2 all [installed,automatic]
gnome-icon-theme/stable,now 3.12.0-5 all [installed]
gnome-keyring/stable,now 42.1-1 armhf [installed]
gnome-menus/stable,now 3.36.0-1.1 armhf [installed,automatic]
gnome-themes-extra-data/stable,now 3.28-2 all [installed]
gnupg-l10n/stable,now 2.2.40-1.1 all [installed]
gnupg-utils/stable,now 2.2.40-1.1 armhf [installed]
gnupg/stable,now 2.2.40-1.1 all [installed]
gpg-agent/stable,now 2.2.40-1.1 armhf [installed]
gpg-wks-client/stable,now 2.2.40-1.1 armhf [installed]
gpg-wks-server/stable,now 2.2.40-1.1 armhf [installed]
gpg/stable,now 2.2.40-1.1 armhf [installed]
gpgconf/stable,now 2.2.40-1.1 armhf [installed]
gpgsm/stable,now 2.2.40-1.1 armhf [installed]
gpgv/stable,now 2.2.40-1.1 armhf [installed]
gpiod/stable,now 1.6.3-1+rpi1+b2 armhf [installed]
grep/stable,now 3.8-5 armhf [installed]
grim/stable,now 1.4.0+ds-2 armhf [installed,automatic]
groff-base/stable,now 1.22.4-10 armhf [installed]
gsettings-desktop-schemas/stable,stable,now 43.0-1+rpt1 all [installed,automatic]
gsfonts/stable,now 2:20200910-7 all [installed,automatic]
gstreamer1.0-alsa/stable,now 1.22.0-3+rpt1+deb12u4 armhf [installed]
gstreamer1.0-libav/stable,now 1.22.0-2 armhf [installed]
gstreamer1.0-omx/stable,now 1.0.0.1-0+rpi12+jessiepmg armhf [installed]
gstreamer1.0-plugins-bad/stable,now 1.22.0-4+deb12u5 armhf [installed]
gstreamer1.0-plugins-base/stable,now 1.22.0-3+rpt1+deb12u4 armhf [installed]
gstreamer1.0-plugins-good/stable,now 1.22.0-5+rpt1+deb12u2 armhf [installed]
gstreamer1.0-x/stable,now 1.22.0-3+rpt1+deb12u4 armhf [installed]
gtk-nop/stable,now 0.1 armhf [installed,automatic]
gtk-update-icon-cache/stable,now 1:3.24.38-2~deb12u2+rpt7+rpi1 armhf [installed,automatic]
gtk2-engines-pixbuf/stable,now 2.24.33-2+rpt1+deb12u1 armhf [installed,automatic]
gtk2-engines-pixflat/stable,now 0.5 armhf [installed,automatic]
gtk2-engines/stable,now 1:2.20.2-5+b1 armhf [installed]
gui-pkinst/stable,now 0.19 armhf [installed,automatic]
gui-updater/stable,now 0.4 armhf [installed,automatic]
gvfs-backends/stable,now 1.50.3-1 armhf [installed]
gvfs-common/stable,now 1.50.3-1 all [installed,automatic]
gvfs-daemons/stable,now 1.50.3-1 armhf [installed,automatic]
gvfs-fuse/stable,now 1.50.3-1 armhf [installed]
gvfs-libs/stable,now 1.50.3-1 armhf [installed,automatic]
gvfs/stable,now 1.50.3-1 armhf [installed]
gzip/stable,now 1.12-1 armhf [installed]
```

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hicolor-icon-theme/stable,now 0.17-2 all [installed,automatic]
hostname/stable,now 3.23+nmu1 armhf [installed]
hplip-data/stable,now 3.22.10+dfsg0-2 all [installed,automatic]
hplip/stable,now 3.22.10+dfsg0-2 armhf [installed,automatic]
htop/stable,now 3.2.2-2 armhf [installed]
hunspell-en-gb/stable,now 1:7.5.0-1 all [installed]
hunspell-en-us/stable,now 1:2020.12.07-2 all [installed,automatic]
hyphen-en-gb/stable,now 1:7.5.0-1 all [installed]
i2c-tools/stable,now 4.3-2+b2 armhf [installed]
ibverbs-providers/stable,now 44.0-2 armhf [installed,automatic]
idle-python3.11/stable,now 3.11.2-6+deb12u5 all [installed,automatic]
idle/stable,now 3.11.2-1 all [installed]
ifupdown/stable,now 0.8.41 armhf [installed]
imagemagick-6-common/stable,now 8:6.9.11.60+dfsg-1.6+deb12u2 all [installed,automatic]
init-system-helpers/stable,now 1.65.2 all [installed]
init/stable,now 1.65.2 armhf [installed]
initramfs-tools-core/stable,stable,now 0.142+rpt3+deb12u1 all [installed,automatic]
initramfs-tools/stable,stable,now 0.142+rpt3+deb12u1 all [installed]
install-info/stable,now 6.8-6+b1 armhf [installed]
ipp-usb/stable,now 0.9.23-1 armhf [installed,automatic]
iproute2/stable,now 6.1.0-3 armhf [installed]
iputils-ping/stable,now 3:20221126-1+deb12u1 armhf [installed]
isc-dhcp-client/stable,now 4.4.3-P1-2 armhf [installed]
isc-dhcp-common/stable,now 4.4.3-P1-2 armhf [installed]
iso-codes/stable,now 4.15.0-1 all [installed,automatic]
iw/stable,now 5.19-1 armhf [installed,automatic]
javascript-common/stable,now 11+nmu1 all [installed,automatic]
kanshi/stable,now 1.5.1-1~bpo11+rpt1 armhf [installed,automatic]
kbd/stable,now 2.5.1-1 armhf [installed,automatic]
keyboard-configuration/stable,stable,now 1.221rpt1 all [installed]
keyutils/stable,now 1.6.3-2 armhf [installed,automatic]
klibc-utils/stable,now 2.0.12-1+rpi1 armhf [installed,automatic]
kmod/stable,now 30+20221128-1 armhf [installed]
kms++-utils/stable,now 0~git20231115~065257+9ae90ce-1 armhf [installed]
labwc-prompt/stable,now 0.3 armhf [installed,automatic]
labwc/stable,now 0.8.1-1+rpt3 armhf [installed]
laptop-detect/stable,now 0.16 all [installed,automatic]
less/stable,now 590-2.1~deb12u2 armhf [installed]
liba52-0.7.4/stable,now 0.7.4-20 armhf [installed,automatic]
libaa1/stable,now 1.4p5-50 armhf [installed,automatic]
libabsl20220623/stable,now 20220623.1-1+rpi1 armhf [installed,automatic]
libaccountsservice0/stable,now 22.08.8-6 armhf [installed,automatic]
```

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libacl1/stable,now 2.3.1-3 armhf [installed]
libaio1/stable,now 0.3.113-4+rpi1 armhf [installed,automatic]
libalgorithm-diff-perl/stable,now 1.201-1 all [installed,automatic]
libalgorithm-diff-xs-perl/stable,now 0.04-8+b1 armhf [installed,automatic]
libalgorithm-merge-perl/stable,now 0.08-5 all [installed,automatic]
libaml0/stable,now 0.3.0-1~bpo12+1 armhf [installed,automatic]
libaom3/stable,now 3.6.0-1+deb12u1 armhf [installed,automatic]
libapparmor1/stable,now 3.0.8-3 armhf [installed]
libappstream4/stable,now 0.16.1-2 armhf [installed,automatic]
libapt-pkg6.0/stable,now 2.6.1 armhf [installed]
libarchive13/stable,now 3.6.2-1+deb12u2 armhf [installed,automatic]
libargon2-1/stable,now 0~20171227-0.3+deb12u1 armhf [installed]
libaribb24-0/stable,now 1.0.3-2 armhf [installed,automatic]
libasan8/stable,now 12.2.0-14+rpi1 armhf [installed,automatic]
libasound2-data/stable,stable,now 1.2.8-1+rpt1 all [installed,automatic]
libasound2-plugins/stable,now 1.2.7.1-1 armhf [installed,automatic]
libasound2/stable,now 1.2.8-1+rpt1 armhf [installed,automatic]
libaspell15/stable,now 0.60.8-4 armhf [installed,automatic]
libass9/stable,now 1:0.17.1-1 armhf [installed,automatic]
libassuan0/stable,now 2.5.5-5 armhf [installed]
libasyncns0/stable,now 0.8-6+b3 armhf [installed,automatic]
libatasmart4/stable,now 0.19-5 armhf [installed,automatic]
libatk-bridge2.0-0/stable,now 2.50.0-1~bpo12+rpt1 armhf [installed,automatic]
libatk1.0-0/stable,now 2.50.0-1~bpo12+rpt1 armhf [installed,automatic]
libatkmm-1.6-1v5/stable,now 2.28.3-1 armhf [installed,automatic]
libatomic1/stable,now 12.2.0-14+rpi1 armhf [installed]
libatopology2/stable,now 1.2.8-1+rpt1 armhf [installed,automatic]
libatspi2.0-0/stable,now 2.50.0-1~bpo12+rpt1 armhf [installed,automatic]
libattr1/stable,now 1:2.5.1-4 armhf [installed]
libaudit-common/stable,now 1:3.0.9-1 all [installed]
libaudit1/stable,now 1:3.0.9-1 armhf [installed]
libavahi-client3/stable,now 0.8-10+deb12u1 armhf [installed,automatic]
libavahi-common-data/stable,now 0.8-10+deb12u1 armhf [installed,automatic]
libavahi-common3/stable,now 0.8-10+deb12u1 armhf [installed,automatic]
libavahi-core7/stable,now 0.8-10+deb12u1 armhf [installed,automatic]
libavahi-glib1/stable,now 0.8-10+deb12u1 armhf [installed,automatic]
libavc1394-0/stable,now 0.5.4-5 armhf [installed,automatic]
libavcodec59/stable,now 8:5.1.6-0+deb12u1+rpt1 armhf [installed,automatic]
libavdevice59/stable,now 8:5.1.6-0+deb12u1+rpt1 armhf [installed,automatic]
libavfilter8/stable,now 8:5.1.6-0+deb12u1+rpt1 armhf [installed,automatic]
libavformat59/stable,now 8:5.1.6-0+deb12u1+rpt1 armhf [installed,automatic]
libavif15/stable,now 0.11.1-1 armhf [installed,automatic]
```

```
libavutil57/stable,now 8:5.1.6-0+deb12u1+rpt1 armhf [installed,automatic]
libayatana-ido3-0.4-0/stable,now 0.9.3-1 armhf [installed,automatic]
libayatana-indicator3-7/stable,now 0.9.3-1 armhf [installed,automatic]
libbabeltrace1/stable,now 1.5.11-1+b1 armhf [installed,automatic]
libbasicusageenvironment1/stable,now 2020.01.19-1+build1 armhf [installed,automatic]
libbinutils/stable,now 2.40-2+rpi2 armhf [installed,automatic]
libblas3/stable,now 3.11.0-2 armhf [installed,automatic]
libblkid1/stable,now 2.38.1-5+deb12u3 armhf [installed]
libblockdev-crypto2/stable,now 2.28-2 armhf [installed,automatic]
libblockdev-fs2/stable,now 2.28-2 armhf [installed,automatic]
libblockdev-loop2/stable,now 2.28-2 armhf [installed,automatic]
libblockdev-part-err2/stable,now 2.28-2 armhf [installed,automatic]
libblockdev-part2/stable,now 2.28-2 armhf [installed,automatic]
libblockdev-swap2/stable,now 2.28-2 armhf [installed,automatic]
libblockdev-utils2/stable,now 2.28-2 armhf [installed,automatic]
libblockdev2/stable,now 2.28-2 armhf [installed,automatic]
libbluetooth3/stable,now 5.66-1+rpt1+deb12u2 armhf [installed,automatic]
libbluray2/stable,now 1:1.3.4-1 armhf [installed,automatic]
libboost-filesystem1.74.0/stable,now 1.74.0+ds1-21 armhf [installed,automatic]
libboost-iostreams1.74.0/stable,now 1.74.0+ds1-21 armhf [installed,automatic]
libboost-log1.74.0/stable,now 1.74.0+ds1-21 armhf [installed,automatic]
libboost-program-options1.74.0/stable,now 1.74.0+ds1-21 armhf [installed,automatic]
libboost-regex1.74.0/stable,now 1.74.0+ds1-21 armhf [installed,automatic]
libboost-thread1.74.0/stable,now 1.74.0+ds1-21 armhf [installed,automatic]
libbpf1/stable,now 1:1.1.0-1 armhf [installed]
libbrotli1/stable,now 1.0.9-2+b3 armhf [installed,automatic]
libbs2b0/stable,now 3.1.0+dfsg-7 armhf [installed,automatic]
libbsd0/stable,now 0.11.7-2 armhf [installed]
libbz2-1.0/stable,now 1.0.8-5+b2 armhf [installed]
libc++1-16/stable,now 1:16.0.6-15~deb12u1~rpt1 armhf [installed,automatic]
libc++abi1-16/stable,now 1:16.0.6-15~deb12u1~rpt1 armhf [installed,automatic]
libc-bin/stable,now 2.36-9+rpt2+deb12u9 armhf [installed]
libc-dev-bin/stable,now 2.36-9+rpt2+deb12u9 armhf [installed,automatic]
libc-devtools/stable,now 2.36-9+rpt2+deb12u9 armhf [installed,automatic]
libc-l10n/stable,stable,now 2.36-9+rpt2+deb12u9 all [installed,automatic]
libc6-dbg/stable,now 2.36-9+rpt2+deb12u9 armhf [installed,automatic]
libc6-dev/stable,now 2.36-9+rpt2+deb12u9 armhf [installed,automatic]
libc6/stable,now 2.36-9+rpt2+deb12u9 armhf [installed]
libcaca0/stable,now 0.99.beta20-3 armhf [installed,automatic]
libcairo-gobject2/stable,now 1.16.0-7+rpt1 armhf [installed,automatic]
libcairo2/stable,now 1.16.0-7+rpt1 armhf [installed,automatic]
libcairomm-1.0-1v5/stable,now 1.14.4-2 armhf [installed,automatic]
```

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libcamera-ipa/stable,now 0.3.2+rpt20241119-1 armhf [installed,automatic]
libcamera-tools/stable,now 0.3.2+rpt20241119-1 armhf [installed]
libcamera0.3/stable,now 0.3.2+rpt20241119-1 armhf [installed,automatic]
libcap-ng0/stable,now 0.8.3-1+b1 armhf [installed]
libcap2-bin/stable,now 1:2.66-4 armhf [installed]
libcap2/stable,now 1:2.66-4 armhf [installed]
libcapstone4/stable,now 4.0.2-5 armhf [installed,automatic]
libcbor0.8/stable,now 0.8.0-2 armhf [installed,automatic]
libcc1-0/stable,now 12.2.0-14+rpi1 armhf [installed,automatic]
libcddb2/stable,now 1.3.2-7 armhf [installed,automatic]
libcdio-cdda2/stable,now 10.2+2.0.1-1 armhf [installed,automatic]
libcdio-paranoia2/stable,now 10.2+2.0.1-1 armhf [installed,automatic]
libcdio19/stable,now 2.1.0-4 armhf [installed,automatic]
libcdparanoia0/stable,now 3.10.2+debian-14 armhf [installed,automatic]
libchromaprint1/stable,now 1.5.1-2+b2 armhf [installed,automatic]
libcjson1/stable,now 1.7.15-1+deb12u2 armhf [installed,automatic]
libcodec2-1.0/stable,now 1.0.5-1 armhf [installed,automatic]
libcolord2/stable,now 1.4.6-2.2 armhf [installed,automatic]
libcolorhug2/stable,now 1.4.6-2.2 armhf [installed,automatic]
libcom-err2/stable,now 1.47.0-2 armhf [installed]
libconfig++9v5/stable,now 1.5-0.4 armhf [installed,automatic]
libcrypt-dev/stable,now 1:4.4.33-2 armhf [installed,automatic]
libcrypt1/stable,now 1:4.4.33-2 armhf [installed]
libcryptsetup12/stable,now 2:2.6.1-4~deb12u2 armhf [installed]
libctf-nobfd0/stable,now 2.40-2+rpi2 armhf [installed,automatic]
libctf0/stable,now 2.40-2+rpi2 armhf [installed,automatic]
libcups2/stable,now 2.4.2-3+deb12u8 armhf [installed,automatic]
libcupsfilters1/stable,now 1.28.17-3+deb12u1 armhf [installed,automatic]
libcupsimage2/stable,now 2.4.2-3+deb12u8 armhf [installed,automatic]
libcurl3-gnutls/stable,now 7.88.1-10+rpi1+deb12u8 armhf [installed,automatic]
libcurl4/stable,now 7.88.1-10+rpi1+deb12u8 armhf [installed,automatic]
libdaemon0/stable,now 0.14-7.1 armhf [installed,automatic]
libdatrie1/stable,now 0.2.13-2+b2 armhf [installed,automatic]
libdav1d6/stable,now 1.0.0-2+rpi1+deb12u1 armhf [installed,automatic]
libdb5.3/stable,now 5.3.28+dfsg2-1 armhf [installed]
libdbus-1-3/stable,now 1.14.10-1~deb12u1 armhf [installed,automatic]
libdbus-glib-1-2/stable,now 0.112-3 armhf [installed,automatic]
libdbusmenu-glib4/stable,now 18.10.20180917~bzr492+repack1-3 armhf [installed,automatic]
libdbusmenu-gtk3-4/stable,now 18.10.20180917~bzr492+repack1-3 armhf [installed,automatic]
libdc1394-25/stable,now 2.2.6-4 armhf [installed,automatic]
libdca0/stable,now 0.0.7-2 armhf [installed,automatic]
libdconf1/stable,now 0.40.0-4 armhf [installed,automatic]
```

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libde265-0/stable,now 1.0.11-1+rpi1 armhf [installed,automatic]
libdebconfclient0/stable,now 0.270 armhf [installed]
libdebuginfod-common/stable,now 0.188-2.1+rpi1 all [installed,automatic]
libdebuginfod1/stable,now 0.188-2.1+rpi1 armhf [installed,automatic]
libdecor-0-0/stable,now 0.1.1-2 armhf [installed,automatic]
libdecor-0-plugin-1-cairo/stable,now 0.1.1-2 armhf [installed,automatic]
libdeflate0/stable,now 1.14-1 armhf [installed,automatic]
libdevmapper1.02.1/stable,now 2:1.02.185-2 armhf [installed]
libdirectfb-1.7-7/stable,now 1.7.7-11 armhf [installed,automatic]
libdisplay-info1/stable,now 0.1.1-2~bpo12+rpt1 armhf [installed,automatic]
libdjvulibre-text/stable,now 3.5.28-2 all [installed,automatic]
libdjvulibre21/stable,now 3.5.28-2+b1 armhf [installed,automatic]
libdouble-conversion3/stable,now 3.2.1-1 armhf [installed,automatic]
libdpkg-perl/stable,stable,now 1.22.6~bpo12+rpt3 all [installed,automatic]
libdrm-amdgpu1/stable,now 2.4.123-1~bpo12+1+rpt1 armhf [installed,automatic]
libdrm-common/stable,stable,now 2.4.123-1~bpo12+1+rpt1 all [installed,automatic]
libdrm-nouveau2/stable,now 2.4.123-1~bpo12+1+rpt1 armhf [installed,automatic]
libdrm-omap1/stable,now 2.4.123-1~bpo12+1+rpt1 armhf [installed,automatic]
libdrm-radeon1/stable,now 2.4.123-1~bpo12+1+rpt1 armhf [installed,automatic]
libdrm2/stable,now 2.4.123-1~bpo12+1+rpt1 armhf [installed,automatic]
libduktape207/stable,now 2.7.0-2 armhf [installed,automatic]
libdv4/stable,now 1.0.0-15 armhf [installed,automatic]
libdvbpsi10/stable,now 1.3.3-1 armhf [installed,automatic]
libdvdnav4/stable,now 6.1.1-1 armhf [installed,automatic]
libdvdread8/stable,now 6.1.3-1 armhf [installed,automatic]
libdw1/stable,now 0.188-2.1+rpi1 armhf [installed,automatic]
libebml5/stable,now 1.4.4-1+deb12u1 armhf [installed,automatic]
libedit2/stable,now 3.1-20221030-2 armhf [installed]
libegl-dev/stable,now 1.6.0-1 armhf [installed,automatic]
libegl-mesa0/stable,now 23.2.1-1~bpo12+rpt3 armhf [installed,automatic]
libegl1/stable,now 1.6.0-1 armhf [installed,automatic]
libelf1/stable,now 0.188-2.1+rpi1 armhf [installed]
libenchant-2-2/stable,now 2.3.3-2 armhf [installed,automatic]
libepoxy0/stable,now 1.5.10-1 armhf [installed,automatic]
liberror-perl/stable,now 0.17029-2 all [installed,automatic]
libevdev2/stable,now 1.13.0+dfsg-1+rpi1 armhf [installed,automatic]
libevdocument3-4/stable,now 43.1-2+b1 armhf [installed,automatic]
libevent-2.1-7/stable,now 2.1.12-stable-8 armhf [installed,automatic]
libevent-core-2.1-7/stable,now 2.1.12-stable-8 armhf [installed,automatic]
libevent-pthreads-2.1-7/stable,now 2.1.12-stable-8 armhf [installed,automatic]
libevview3-3/stable,now 43.1-2+b1 armhf [installed,automatic]
libexempi8/stable,now 2.6.3-1 armhf [installed,automatic]
```

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libexif12/stable,now 0.6.24-1+b2 armhf [installed,automatic]
libexpat1-dev/stable,now 2.5.0-1+deb12u1 armhf [installed,automatic]
libexpat1/stable,now 2.5.0-1+deb12u1 armhf [installed,automatic]
libext2fs2/stable,now 1.47.0-2 armhf [installed]
libfaad2/stable,now 2.10.1-1 armhf [installed,automatic]
libfakeroot/stable,now 1.31-1.2 armhf [installed,automatic]
libfdisk1/stable,now 2.38.1-5+deb12u3 armhf [installed]
libfdt1/stable,now 1.6.1-4+b1 armhf [installed,automatic]
libffado2/stable,now 2.4.7-1 armhf [installed,automatic]
libffi8/stable,now 3.4.4-1 armhf [installed]
libfftw3-double3/stable,now 3.3.10-1 armhf [installed,automatic]
libfftw3-single3/stable,now 3.3.10-1 armhf [installed,automatic]
libfido2-1/stable,now 1.12.0-2 armhf [installed,automatic]
libfile-fcntllock-perl/stable,now 0.22-4+b1 armhf [installed,automatic]
libflac12/stable,now 1.4.2+ds-2 armhf [installed,automatic]
libflite1/stable,now 2.2-5 armhf [installed,automatic]
libfltk1.3/stable,now 1.3.8-5+b1 armhf [installed,automatic]
libfluidsynth3/stable,now 2.3.1-2 armhf [installed,automatic]
libfm-data/stable,stable,now 1.3.2-1+rpt18 all [installed,automatic]
libfm-extra4/stable,now 1.3.2-1+rpt18 armhf [installed,automatic]
libfm-gtk-data/stable,stable,now 1.3.2-1+rpt18 all [installed,automatic]
libfm-gtk4/stable,now 1.3.2-1+rpt18 armhf [installed,automatic]
libfm-modules/stable,now 1.3.2-1+rpt18 armhf [installed,automatic]
libfm4/stable,now 1.3.2-1+rpt18 armhf [installed,automatic]
libfmt9/stable,now 9.1.0+ds1-2 armhf [installed,automatic]
libfontconfig1/stable,now 2.14.1-4 armhf [installed,automatic]
libfontembed1/stable,now 1.28.17-3+deb12u1 armhf [installed,automatic]
libfontenc1/stable,now 1:1.1.4-1 armhf [installed,automatic]
libfreeaptx0/stable,now 0.1.1-2 armhf [installed,automatic]
libfreetype6/stable,now 2.12.1+dfsg-5+deb12u3 armhf [installed,automatic]
libfribidi0/stable,now 1.0.8-2.1 armhf [installed,automatic]
libftdi1-2/stable,now 1.5-6+b1 armhf [installed,automatic]
libfuse3-3/stable,now 3.14.0-4 armhf [installed,automatic]
libgav1-1/stable,now 0.18.0-1+rpi1+b1 armhf [installed,automatic]
libgbm1/stable,now 23.2.1-1~bpo12+rpt3 armhf [installed,automatic]
libgcc-12-dev/stable,now 12.2.0-14+rpi1 armhf [installed,automatic]
libgcc-s1/stable,now 12.2.0-14+rpi1 armhf [installed]
libgck-1-0/stable,now 3.41.1-1 armhf [installed,automatic]
libgcr-base-3-1/stable,now 3.41.1-1 armhf [installed,automatic]
libgcr-ui-3-1/stable,now 3.41.1-1 armhf [installed,automatic]
libgcrypt20/stable,now 1.10.1-3 armhf [installed]
libgd3/stable,now 2.3.3-9 armhf [installed,automatic]
```

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libgdata-common/stable,now 0.18.1-2+rpi1 all [installed,automatic]
libgdata22/stable,now 0.18.1-2+rpi1 armhf [installed,automatic]
libgdbm-compat4/stable,now 1.23-3 armhf [installed,automatic]
libgdbm6/stable,now 1.23-3 armhf [installed]
libgdk-pixbuf-2.0-0/stable,now 2.42.10+dfsg-1+deb12u1 armhf [installed,automatic]
libgdk-pixbuf-xlib-2.0-0/stable,now 2.40.2-2 armhf [installed,automatic]
libgdk-pixbuf2.0-0/stable,now 2.40.2-2 armhf [installed,automatic]
libgdk-pixbuf2.0-common/stable,now 2.42.10+dfsg-1+deb12u1 all [installed,automatic]
libgfapi0/stable,now 10.3-5 armhf [installed,automatic]
libgfortran5/stable,now 12.2.0-14+rpi1 armhf [installed,automatic]
libgfrpc0/stable,now 10.3-5 armhf [installed,automatic]
libgfxdr0/stable,now 10.3-5 armhf [installed,automatic]
libgif7/stable,now 5.2.1-2.5 armhf [installed,automatic]
libgirepository-1.0-1/stable,now 1.74.0-3+b1 armhf [installed,automatic]
libgl-dev/stable,now 1.6.0-1 armhf [installed,automatic]
libgl1-mesa-dev/stable,now 23.2.1-1~bpo12+rpt3 armhf [installed,automatic]
libgl1-mesa-dri/stable,now 23.2.1-1~bpo12+rpt3 armhf [installed]
libgl1/stable,now 1.6.0-1 armhf [installed,automatic]
libglapi-mesa/stable,now 23.2.1-1~bpo12+rpt3 armhf [installed,automatic]
libgles-dev/stable,now 1.6.0-1 armhf [installed,automatic]
libgles1/stable,now 1.6.0-1 armhf [installed]
libgles2-mesa/stable,now 22.3.6-1+rpt2+deb12u1 armhf [installed]
libgles2/stable,now 1.6.0-1 armhf [installed,automatic]
libglib2.0-0/stable,now 2.74.6-2+deb12u5 armhf [installed,automatic]
libglib2.0-bin/stable,now 2.74.6-2+deb12u5 armhf [installed,automatic]
libglib2.0-data/stable,now 2.74.6-2+deb12u5 all [installed,automatic]
libglibmm-2.4-1v5/stable,now 2.66.5-2 armhf [installed,automatic]
libglu1-mesa-dev/stable,now 9.0.2-1.1 armhf [installed,automatic]
libglu1-mesa/stable,now 9.0.2-1.1 armhf [installed,automatic]
libglusterfs0/stable,now 10.3-5 armhf [installed,automatic]
libglut-dev/stable,now 3.4.0-1 armhf [installed,automatic]
libglut3.12/stable,now 3.4.0-1 armhf [installed,automatic]
libglvnd-core-dev/stable,now 1.6.0-1 armhf [installed,automatic]
libglvnd-dev/stable,now 1.6.0-1 armhf [installed,automatic]
libglvnd0/stable,now 1.6.0-1 armhf [installed,automatic]
libglx-dev/stable,now 1.6.0-1 armhf [installed,automatic]
libglx-mesa0/stable,now 23.2.1-1~bpo12+rpt3 armhf [installed,automatic]
libglx0/stable,now 1.6.0-1 armhf [installed,automatic]
libgme0/stable,now 0.6.3-6 armhf [installed,automatic]
libgmp10/stable,now 2:6.2.1+dfsg1-1.1 armhf [installed]
libgnome-desktop-3-20/stable,now 43.2-2 armhf [installed,automatic]
libgnome-menu-3-0/stable,now 3.36.0-1.1 armhf [installed,automatic]
```

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libgnutls30/stable,now 3.7.9-2+deb12u3 armhf [installed]
libgoa-1.0-0b/stable,now 3.46.0-1 armhf [installed,automatic]
libgoa-1.0-common/stable,now 3.46.0-1 all [installed,automatic]
libgomp1/stable,now 12.2.0-14+rpi1 armhf [installed,automatic]
libgpg-error0/stable,now 1.46-1 armhf [installed]
libgpgme11/stable,now 1.18.0-3+b1 armhf [installed,automatic]
libgphoto2-6/stable,now 2.5.30-1 armhf [installed,automatic]
libgphoto2-port12/stable,now 2.5.30-1 armhf [installed,automatic]
libgpiod2/stable,now 1.6.3-1+rpi1+b2 armhf [installed,automatic]
libgpm2/stable,now 1.20.7-10+b2 armhf [installed,automatic]
libgraphite2-3/stable,now 1.3.14-1 armhf [installed,automatic]
libgroupsock8/stable,now 2020.01.19-1+build1 armhf [installed,automatic]
libgs-common/stable,now 10.0.0~dfsg-11+deb12u6 all [installed,automatic]
libgs10-common/stable,now 10.0.0~dfsg-11+deb12u6 all [installed,automatic]
libgs10/stable,now 10.0.0~dfsg-11+deb12u6 armhf [installed,automatic]
libgsm1/stable,now 1.0.22-1 armhf [installed,automatic]
libgspell-1-2/stable,now 1.12.0-1+b1 armhf [installed,automatic]
libgspell-1-common/stable,now 1.12.0-1 all [installed,automatic]
libgssapi-krb5-2/stable,now 1.20.1-2+deb12u2 armhf [installed]
libgssdp-1.6-0/stable,now 1.6.2-2 armhf [installed,automatic]
libgstreamer-gl1.0-0/stable,now 1.22.0-3+rpt1+deb12u4 armhf [installed,automatic]
libgstreamer-plugins-bad1.0-0/stable,now 1.22.0-4+deb12u5 armhf [installed,automatic]
libgstreamer-plugins-base1.0-0/stable,now 1.22.0-3+rpt1+deb12u4 armhf [installed,automatic]
libgstreamer1.0-0/stable,now 1.22.0-2+deb12u1 armhf [installed,automatic]
libgtk-3-0/stable,now 1:3.24.38-2~deb12u2+rpt7+rpi1 armhf [installed,automatic]
libgtk-3-common/stable,stable,now 1:3.24.38-2~deb12u2+rpt7+rpi1 all [installed,automatic]
libgtk-layer-shell0/stable,now 0.8.0-1+rpt3 armhf [installed,automatic]
libgtk2.0-0/stable,now 2.24.33-2+rpt1+deb12u1 armhf [installed,automatic]
libgtk2.0-bin/stable,now 2.24.33-2+rpt1+deb12u1 armhf [installed,automatic]
libgtk2.0-common/stable,stable,now 2.24.33-2+rpt1+deb12u1 all [installed,automatic]
libgtkmm-3.0-1v5/stable,now 3.24.7-1 armhf [installed,automatic]
libgtksourceview-4-0/stable,now 4.8.4-4 armhf [installed,automatic]
libgtksourceview-4-common/stable,now 4.8.4-4 all [installed,automatic]
libgudev-1.0-0/stable,now 237-2 armhf [installed,automatic]
libgupnp-1.6-0/stable,now 1.6.3-1 armhf [installed,automatic]
libgupnp-igd-1.0-4/stable,now 1.2.0-3 armhf [installed,automatic]
libgusb2/stable,now 0.3.10-1 armhf [installed,automatic]
libgxps2/stable,now 0.3.2-2+b1 armhf [installed,automatic]
libhandy-1-0/stable,now 1.8.1-1+rpt3 armhf [installed,automatic]
libharfbuzz-icu0/stable,now 6.0.0+dfsg-3 armhf [installed,automatic]
libharfbuzz-subset0/stable,now 6.0.0+dfsg-3 armhf [installed,automatic]
libharfbuzz0b/stable,now 6.0.0+dfsg-3 armhf [installed,automatic]
```

```
libheif1/stable,now 1.15.1-1+deb12u1 armhf [installed,automatic]
libhidapi-hidraw0/stable,now 0.13.1-1 armhf [installed,automatic]
libhogweed6/stable,now 3.8.1-2 armhf [installed]
libhpmud0/stable,now 3.22.10+dfsg0-2 armhf [installed,automatic]
libhunspell-1.7-0/stable,now 1.7.1-1+b2 armhf [installed,automatic]
libhwloc-plugins/stable,now 2.9.0-1 armhf [installed,automatic]
libhwloc15/stable,now 2.9.0-1 armhf [installed,automatic]
libhwy1/stable,now 1.0.3-3+rpi1 armhf [installed,automatic]
libhyphen0/stable,now 2.8.8-7 armhf [installed,automatic]
libi2c0/stable,now 4.3-2+b2 armhf [installed,automatic]
libibverbs1/stable,now 44.0-2 armhf [installed,automatic]
libice-dev/stable,now 2:1.0.10-1 armhf [installed,automatic]
libice6/stable,now 2:1.0.10-1 armhf [installed,automatic]
libicu72/stable,now 72.1-3 armhf [installed,automatic]
libid3tag0/stable,now 0.15.1b-14 armhf [installed,automatic]
libidn12/stable,now 1.41-1+b1 armhf [installed,automatic]
libidn2-0/stable,now 2.3.3-1+b2 armhf [installed]
libiec61883-0/stable,now 1.2.0-6 armhf [installed,automatic]
libieee1284-3/stable,now 0.2.11-14 armhf [installed,automatic]
libijs-0.35/stable,now 0.35-15 armhf [installed,automatic]
libimagequant0/stable,now 2.17.0-1 armhf [installed,automatic]
libimath-3-1-29/stable,now 3.1.6-1+b1 armhf [installed,automatic]
libimlib2/stable,now 1.10.0-4+deb12u1 armhf [installed,automatic]
libimobiledevice6/stable,now 1.3.0-6+b3 armhf [installed,automatic]
libinih1/stable,now 55-1 armhf [installed,automatic]
libinput-bin/stable,now 1.22.1-1 armhf [installed,automatic]
libinput-tools/stable,now 1.22.1-1 armhf [installed,automatic]
libinput10/stable,now 1.22.1-1 armhf [installed,automatic]
libinstpatch-1.0-2/stable,now 1.1.6-1 armhf [installed,automatic]
libip4tc2/stable,now 1.8.9-2 armhf [installed]
libisl23/stable,now 0.25-1.1 armhf [installed,automatic]
libiw30/stable,now 30~pre9-14 armhf [installed,automatic]
libixml10/stable,now 1:1.8.4-2 armhf [installed,automatic]
libjack-jackd2-0/stable,now 1.9.21~dfsg-3 armhf [installed,automatic]
libjansson4/stable,now 2.14-2 armhf [installed]
libjavascriptcoregtk-4.1-0/stable,now 2.42.2-1~deb12u1+rpi1 armhf [installed,automatic]
libjaylink0/stable,now 0.3.1-1 armhf [installed,automatic]
libjbig0/stable,now 2.1-6.1 armhf [installed,automatic]
libjbig2dec0/stable,now 0.19-3+b2 armhf [installed,automatic]
libjim0.81/stable,now 0.81+dfsg-2 armhf [installed,automatic]
libjpeg-dev/stable,now 1:2.1.5-2 armhf [installed]
libjpeg62-turbo-dev/stable,now 1:2.1.5-2 armhf [installed,automatic]
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libjpeg62-turbo/stable,now 1:2.1.5-2 armhf [installed,automatic]
libjs-jquery/stable,now 3.6.1+dfsg+~3.5.14-1 all [installed,automatic]
libjs-mathjax/stable,now 2.7.9+dfsg-1 all [installed,automatic]
libjs-sphinxdoc/stable,now 5.3.0-4 all [installed,automatic]
libjs-underscore/stable,now 1.13.4~dfsg+~1.11.4-3 all [installed,automatic]
libjson-c5/stable,now 0.16-2 armhf [installed]
libjson-glib-1.0-0/stable,now 1.6.6-1 armhf [installed,automatic]
libjson-glib-1.0-common/stable,now 1.6.6-1 all [installed,automatic]
libjxl0.7/stable,now 0.7.0-10 armhf [installed,automatic]
libjxr-tools/stable,now 1.2~git20170615.f752187-5 armhf [installed,automatic]
libjxr0/stable,now 1.2~git20170615.f752187-5 armhf [installed,automatic]
libk5crypto3/stable,now 1.20.1-2+deb12u2 armhf [installed]
libkate1/stable,now 0.4.1-11 armhf [installed,automatic]
libkeybinder-3.0-0/stable,now 0.3.2-1.1 armhf [installed,automatic]
libkeyutils1/stable,now 1.6.3-2 armhf [installed]
libklibc/stable,now 2.0.12-1+rpi1 armhf [installed,automatic]
libkmod2/stable,now 30+20221128-1 armhf [installed]
libkms++0/stable,now 0~git20231115~065257+9ae90ce-1 armhf [installed,automatic]
libkpathsea6/stable,now 2022.20220321.62855-5.1+deb12u2 armhf [installed,automatic]
libkrb5-3/stable,now 1.20.1-2+deb12u2 armhf [installed]
libkrb5support0/stable,now 1.20.1-2+deb12u2 armhf [installed]
libksba8/stable,now 1.6.3-2 armhf [installed]
liblapack3/stable,now 3.11.0-2 armhf [installed,automatic]
liblc3-0/stable,now 1.0.1-1 armhf [installed,automatic]
liblcms2-2/stable,now 2.14-2 armhf [installed,automatic]
libldacbt-abr2/stable,now 2.0.2.3+git20200429+ed310a0-4 armhf [installed,automatic]
libldacbt-enc2/stable,now 2.0.2.3+git20200429+ed310a0-4 armhf [installed,automatic]
libldap-2.5-0/stable,now 2.5.13+dfsg-5+rpi1 armhf [installed]
libldb2/stable,now 2:2.6.2+samba4.17.8+dfsg-2 armhf [installed,automatic]
liblerc4/stable,now 4.0.0+ds-2 armhf [installed,automatic]
liblgpio1/stable,now 0.2.2-1~rpt1 armhf [installed,automatic]
libliftoff-rpi/stable,now 0.2 armhf [installed,automatic]
libliftoff0/stable,now 0.4.1-1~bpo12+rpt3 armhf [installed,automatic]
liblightdm-gobject-1-0/stable,now 1.26.0-8+rpt5 armhf [installed,automatic]
liblilv-0-0/stable,now 0.24.14-1 armhf [installed,automatic]
liblirc-client0/stable,now 0.10.1-7.2 armhf [installed,automatic]
liblivemedia77/stable,now 2020.01.19-1+build1 armhf [installed,automatic]
libllvm15/stable,now 1:15.0.6-4+rpi1+b1 armhf [installed,automatic]
liblocale-gettext-perl/stable,now 1.07-5 armhf [installed]
liblouis-data/stable,now 3.24.0-1 all [installed,automatic]
liblouis20/stable,now 3.24.0-1 armhf [installed,automatic]
liblouisutdml-bin/stable,now 2.11.0-2 armhf [installed,automatic]
```

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liblouisutdml-data/stable,now 2.11.0-2 all [installed,automatic]
liblouisutdml9/stable,now 2.11.0-2 armhf [installed,automatic]
liblqr-1-0/stable,now 0.4.2-2.1 armhf [installed,automatic]
liblrdf0/stable,now 0.6.1-4 armhf [installed,automatic]
libltc11/stable,now 1.3.2-1 armhf [installed,automatic]
libltdl7/stable,now 2.4.7-7~deb12u1 armhf [installed,automatic]
liblttng-ust-common1/stable,now 2.13.5-1+rpi1 armhf [installed,automatic]
liblttng-ust-ctl5/stable,now 2.13.5-1+rpi1 armhf [installed,automatic]
liblttng-ust1/stable,now 2.13.5-1+rpi1 armhf [installed,automatic]
liblua5.2-0/stable,now 5.2.4-3 armhf [installed,automatic]
liblua5.3-0/stable,now 5.3.6-2 armhf [installed,automatic]
libluajit-5.1-2/stable,now 2.1.0~beta3+git20220320+dfsg-4.1 armhf [installed,automatic]
libluajit-5.1-common/stable,now 2.1.0~beta3+git20220320+dfsg-4.1 all [installed,automatic]
liblz4-1/stable,now 1.9.4-1+rpi1+b1 armhf [installed]
liblzma5/stable,now 5.4.1-0.2 armhf [installed]
liblzo2-2/stable,now 2.10-2 armhf [installed,automatic]
libmad0/stable,now 0.15.1b-10.1 armhf [installed,automatic]
libmagic-mgc/stable,now 1:5.44-3 armhf [installed,automatic]
libmagic1/stable,now 1:5.44-3 armhf [installed,automatic]
libmagickcore-6.q16-6-extra/stable,now 8:6.9.11.60+dfsg-1.6+deb12u2 armhf [installed,automatic]
libmagickcore-6.q16-6/stable,now 8:6.9.11.60+dfsg-1.6+deb12u2 armhf [installed,automatic]
libmagickwand-6.q16-6/stable,now 8:6.9.11.60+dfsg-1.6+deb12u2 armhf [installed,automatic]
libmanette-0.2-0/stable,now 0.2.6-3 armhf [installed,automatic]
libmate-desktop-2-17/stable,now 1.26.0-2 armhf [installed,automatic]
libmatroska7/stable,now 1.7.1-1 armhf [installed,automatic]
libmbedcrypto7/stable,now 2.28.3-1 armhf [installed,automatic]
libmbim-glib4/stable,now 1.28.2-1 armhf [installed,automatic]
libmbim-proxy/stable,now 1.28.2-1 armhf [installed,automatic]
libmbim-utils/stable,now 1.28.2-1 armhf [installed,automatic]
libmd0/stable,now 1.0.4-2 armhf [installed]
libmd4c0/stable,now 0.4.8-1 armhf [installed,automatic]
libmenu-cache-bin/stable,now 1.1.0-1.1 armhf [installed,automatic]
libmenu-cache3/stable,now 1.1.0-1.1 armhf [installed,automatic]
libminizip1/stable,now 1.1-8+deb12u1 armhf [installed,automatic]
libmjpegutils-2.1-0/stable,now 1:2.1.0+debian-7 armhf [installed,automatic]
libmm-glib0/stable,now 1.20.4-1 armhf [installed,automatic]
libmnl0/stable,now 1.0.4-3 armhf [installed]
libmodplug1/stable,now 1:0.8.9.0-3 armhf [installed,automatic]
libmount1/stable,now 2.38.1-5+deb12u3 armhf [installed]
libmousepad0/stable,now 0.5.10-2 armhf [installed,automatic]
libmp3lame0/stable,now 3.100-6 armhf [installed,automatic]
libmpc3/stable,now 1.3.1-1 armhf [installed,automatic]
```

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libmpcdec6/stable,now 2:0.1~r495-2 armhf [installed,automatic]
libmpeg2-4/stable,now 0.5.1-9 armhf [installed,automatic]
libmpeg2encpp-2.1-0/stable,now 1:2.1.0+debian-7 armhf [installed,automatic]
libmpfr6/stable,now 4.2.0-1 armhf [installed,automatic]
libmpg123-0/stable,now 1.31.2-1+deb12u1 armhf [installed,automatic]
libmplex2-2.1-0/stable,now 1:2.1.0+debian-7 armhf [installed,automatic]
libmtdev1/stable,now 1.1.6-1 armhf [installed,automatic]
libmtp-common/stable,now 1.1.20-1 all [installed,automatic]
libmtp-runtime/stable,now 1.1.20-1 armhf [installed]
libmtp9/stable,now 1.1.20-1 armhf [installed,automatic]
libmysofa1/stable,now 1.3.1~dfsg0-1 armhf [installed,automatic]
libnbd0/stable,now 1.14.2-1 armhf [installed,automatic]
libncurses6/stable,now 6.4-4 armhf [installed,automatic]
libncursesw6/stable,now 6.4-4 armhf [installed]
libndp0/stable,now 1.8-1+deb12u1 armhf [installed,automatic]
libneatvnc0/stable,now 0.9.0+dfsg-1~rpt3 armhf [installed,automatic]
libneon27/stable,now 0.32.5-1 armhf [installed,automatic]
libnetfilter-conntrack3/stable,now 1.0.9-3 armhf [installed,automatic]
libnettle8/stable,now 3.8.1-2 armhf [installed]
libnewt0.52/stable,now 0.52.23-1+b1 armhf [installed,automatic]
libnfnetlink0/stable,now 1.0.2-2 armhf [installed,automatic]
libnfs13/stable,now 4.0.0-1 armhf [installed,automatic]
libnfsidmap1/stable,now 1:2.6.2-4+deb12u1 armhf [installed,automatic]
libnftables1/stable,now 1.0.6-2+deb12u2 armhf [installed]
libnftnl11/stable,now 1.2.4-2 armhf [installed]
libnghttp2-14/stable,now 1.52.0-1+deb12u2 armhf [installed,automatic]
libnice10/stable,now 0.1.21-1 armhf [installed,automatic]
libnl-3-200/stable,now 3.7.0-0.2 armhf [installed,automatic]
libnl-genl-3-200/stable,now 3.7.0-0.2 armhf [installed,automatic]
libnl-route-3-200/stable,now 3.7.0-0.2 armhf [installed,automatic]
libnm0/stable,now 1.42.4-1+rpt1 armhf [installed,automatic]
libnma-common/stable,stable,now 1.10.6-1+rpt1 all [installed,automatic]
libnma0/stable,now 1.10.6-1+rpt1 armhf [installed,automatic]
libnorm1/stable,now 1.5.9+dfsg-2 armhf [installed,automatic]
libnotify4/stable,now 0.8.1-1 armhf [installed,automatic]
libnpth0/stable,now 1.6-3 armhf [installed]
libnsl-dev/stable,now 1.3.0-2 armhf [installed,automatic]
libnsl2/stable,now 1.3.0-2 armhf [installed,automatic]
libnspr4/stable,now 2:4.35-1 armhf [installed,automatic]
libnss-mdns/stable,now 0.15.1-3 armhf [installed,automatic]
libnss3/stable,now 2:3.87.1-1+deb12u1 armhf [installed,automatic]
libntfs-3g89/stable,now 1:2022.10.3-1+deb12u2 armhf [installed,automatic]
```

```
libnuma1/stable,now 2.0.16-1 armhf [installed,automatic]
libobrender32v5/stable,now 3.6.1-10+rpt1 armhf [installed,automatic]
libobt2v5/stable,now 3.6.1-10+rpt1 armhf [installed,automatic]
libogg0/stable,now 1.3.5-3 armhf [installed,automatic]
libopenal-data/stable,now 1:1.19.1-2 all [installed,automatic]
libopenal1/stable,now 1:1.19.1-2 armhf [installed,automatic]
libopencv-calib3d406/stable,now 4.6.0+dfsg-12+rpi1 armhf [installed,automatic]
libopencv-core406/stable,now 4.6.0+dfsg-12+rpi1 armhf [installed,automatic]
libopencv-dnn406/stable,now 4.6.0+dfsg-12+rpi1 armhf [installed,automatic]
libopencv-features2d406/stable,now 4.6.0+dfsg-12+rpi1 armhf [installed,automatic]
libopencv-flann406/stable,now 4.6.0+dfsg-12+rpi1 armhf [installed,automatic]
libopencv-imgproc406/stable,now 4.6.0+dfsg-12+rpi1 armhf [installed,automatic]
libopencv-objdetect406/stable,now 4.6.0+dfsg-12+rpi1 armhf [installed,automatic]
libopenexr-3-1-30/stable,now 3.1.5-5 armhf [installed,automatic]
libopengl-dev/stable,now 1.6.0-1 armhf [installed,automatic]
libopengl0/stable,now 1.6.0-1 armhf [installed,automatic]
libopenh264-7/stable,now 2.3.1+dfsg-3 armhf [installed,automatic]
libopenjp2-7/stable,now 2.5.0-2 armhf [installed,automatic]
libopenmpt-modplug1/stable,now 0.8.9.0-openmpt1-2 armhf [installed,automatic]
libopenmpt0/stable,now 0.6.9-1 armhf [installed,automatic]
libopenni2-0/stable,now 2.2.0.33+dfsg-15+rpi1+b1 armhf [installed,automatic]
libopus0/stable,now 1.3.1-3 armhf [installed,automatic]
libopusfile0/stable,now 0.12-4 armhf [installed,automatic]
liborc-0.4-0/stable,now 1:0.4.33-2 armhf [installed,automatic]
libossp-uuid16/stable,now 1.6.2-1.5+b11 armhf [installed,automatic]
libp11-kit0/stable,now 0.24.1-2 armhf [installed]
libpackagekit-glib2-18/stable,now 1.2.6-5 armhf [installed,automatic]
libpam-chksshpwd/stable,now 1.5.2-6+rpt2+deb12u1 armhf [installed]
libpam-modules-bin/stable,now 1.5.2-6+rpt2+deb12u1 armhf [installed]
libpam-modules/stable,now 1.5.2-6+rpt2+deb12u1 armhf [installed]
libpam-runtime/stable,stable,now 1.5.2-6+rpt2+deb12u1 all [installed]
libpam-systemd/stable,now 252.33-1~deb12u1+rpi1 armhf [installed,automatic]
libpam0g/stable,now 1.5.2-6+rpt2+deb12u1 armhf [installed]
libpango-1.0-0/stable,now 1.50.12+ds-1 armhf [installed,automatic]
libpangocairo-1.0-0/stable,now 1.50.12+ds-1 armhf [installed,automatic]
libpangoft2-1.0-0/stable,now 1.50.12+ds-1 armhf [installed,automatic]
libpangomm-1.4-1v5/stable,now 2.46.3-1 armhf [installed,automatic]
libpangoxft-1.0-0/stable,now 1.50.12+ds-1 armhf [installed,automatic]
libpaper-utils/stable,now 1.1.29 armhf [installed,automatic]
libpaper1/stable,now 1.1.29 armhf [installed,automatic]
libparted-fs-resize0/stable,now 3.5-3 armhf [installed,automatic]
libparted2/stable,now 3.5-3 armhf [installed,automatic]
```

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libpcap0.8/stable,now 1.10.3-1 armhf [installed,automatic]
libpci3/stable,now 1:3.9.0-4 armhf [installed,automatic]
libpciaccess0/stable,now 0.17-2 armhf [installed,automatic]
libpcre2-16-0/stable,now 10.42-1 armhf [installed,automatic]
libpcre2-8-0/stable,now 10.42-1 armhf [installed]
libpcsclite1/stable,now 1.9.9-2 armhf [installed,automatic]
libpeas-1.0-0/stable,now 1.34.0-1+b1 armhf [installed,automatic]
libpeas-common/stable,now 1.34.0-1 all [installed,automatic]
libperl5.36/stable,now 5.36.0-7+deb12u1 armhf [installed,automatic]
libpgm-5.3-0/stable,now 5.3.128~dfsg-2 armhf [installed,automatic]
libpigpio-dev/stable,now 1.79-1+rpt1 armhf [installed,automatic]
libpigpio1/stable,now 1.79-1+rpt1 armhf [installed,automatic]
libpigpiod-if-dev/stable,now 1.79-1+rpt1 armhf [installed,automatic]
libpigpiod-if1/stable,now 1.79-1+rpt1 armhf [installed,automatic]
libpigpiod-if2-1/stable,now 1.79-1+rpt1 armhf [installed,automatic]
libpipeline1/stable,now 1.5.7-1 armhf [installed]
libpipewire-0.3-0/stable,now 1.2.4-1~bpo12+1+rpt1 armhf [installed,automatic]
libpipewire-0.3-common/stable,stable,now 1.2.4-1~bpo12+1+rpt1 all [installed,automatic]
libpipewire-0.3-modules/stable,now 1.2.4-1~bpo12+1+rpt1 armhf [installed,automatic]
libpisp-common/stable,stable,now 1.0.7-1 all [installed,automatic]
libpisp1/stable,now 1.0.7-1 armhf [installed,automatic]
libpixman-1-0/stable,now 0.42.2-1+rpt3 armhf [installed,automatic]
libpkgconf3/stable,now 1.8.1-1 armhf [installed,automatic]
libplacebo208/stable,now 4.208.0-3 armhf [installed,automatic]
libplist3/stable,now 2.2.0-6+b2 armhf [installed,automatic]
libplymouth5/stable,now 22.02.122-3+rpt1 armhf [installed,automatic]
libpng16-16/stable,now 1.6.39-2 armhf [installed,automatic]
libpocketsphinx3/stable,now 0.8+5prealpha+1-15 armhf [installed,automatic]
libpolkit-agent-1-0/stable,now 122-3 armhf [installed,automatic]
libpolkit-gobject-1-0/stable,now 122-3 armhf [installed,automatic]
libpoppler-cpp0v5/stable,now 22.12.0-2 armhf [installed,automatic]
libpoppler-glib8/stable,now 22.12.0-2 armhf [installed,automatic]
libpoppler126/stable,now 22.12.0-2 armhf [installed,automatic]
libpopt0/stable,now 1.19+dfsg-1 armhf [installed]
libportmidi0/stable,now 1:217-6.1 armhf [installed,automatic]
libpostproc56/stable,now 8:5.1.6-0+deb12u1+rpt1 armhf [installed,automatic]
libproc2-0/stable,now 2:4.0.2-3 armhf [installed]
libprotobuf-lite32/stable,now 3.21.12-3 armhf [installed,automatic]
libprotobuf32/stable,now 3.21.12-3 armhf [installed,automatic]
libproxy-tools/stable,now 0.4.18-1.2 armhf [installed,automatic]
libproxy1v5/stable,now 0.4.18-1.2 armhf [installed,automatic]
libpsl5/stable,now 0.21.2-1 armhf [installed,automatic]
```

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libpthread-stubs0-dev/stable,now 0.4-1 armhf [installed,automatic]
libpugixml1v5/stable,now 1.13-0.2 armhf [installed,automatic]
libpulse0/stable,now 16.1+dfsg1-2+rpt1 armhf [installed,automatic]
libpulsedsp/stable,now 16.1+dfsg1-2+rpt1 armhf [installed,automatic]
libpython3-dev/stable,now 3.11.2-1 armhf [installed,automatic]
libpython3-stdlib/stable,now 3.11.2-1 armhf [installed,automatic]
libpython3.11-dev/stable,now 3.11.2-6+deb12u5 armhf [installed,automatic]
libpython3.11-minimal/stable,now 3.11.2-6+deb12u5 armhf [installed,automatic]
libpython3.11-stdlib/stable,now 3.11.2-6+deb12u5 armhf [installed,automatic]
libpython3.11/stable,now 3.11.2-6+deb12u5 armhf [installed,automatic]
libqmi-glib5/stable,now 1.32.2-1 armhf [installed,automatic]
libqmi-proxy/stable,now 1.32.2-1 armhf [installed,automatic]
libqmi-utils/stable,now 1.32.2-1 armhf [installed,automatic]
libqpdf29/stable,now 11.3.0-1+deb12u1 armhf [installed,automatic]
libqrencode4/stable,now 4.1.1-1 armhf [installed,automatic]
libqrtr-glib0/stable,now 1.2.2-1 armhf [installed,automatic]
libqt5core5a/stable,now 5.15.8+dfsg-11+rpi1+deb12u2 armhf [installed,automatic]
libqt5dbus5/stable,now 5.15.8+dfsg-11+rpi1+deb12u2 armhf [installed,automatic]
libqt5designer5/stable,now 5.15.8-2 armhf [installed,automatic]
libqt5gui5/stable,now 5.15.8+dfsg-11+rpi1+deb12u2 armhf [installed,automatic]
libqt5help5/stable,now 5.15.8-2 armhf [installed,automatic]
libqt5network5/stable,now 5.15.8+dfsg-11+rpi1+deb12u2 armhf [installed,automatic]
libqt5printsupport5/stable,now 5.15.8+dfsg-11+rpi1+deb12u2 armhf [installed,automatic]
libqt5qml5/stable,now 5.15.8+dfsg-3+rpi1 armhf [installed,automatic]
libqt5qmlmodels5/stable,now 5.15.8+dfsg-3+rpi1 armhf [installed,automatic]
libqt5qmlworkerscript5/stable,now 5.15.8+dfsg-3+rpi1 armhf [installed,automatic]
libqt5quick5/stable,now 5.15.8+dfsg-3+rpi1 armhf [installed,automatic]
libqt5quickcontrols2-5/stable,now 5.15.8+dfsg-2 armhf [installed,automatic]
libqt5quicktemplates2-5/stable,now 5.15.8+dfsg-2 armhf [installed,automatic]
libqt5sql5-sqlite/stable,now 5.15.8+dfsg-11+rpi1+deb12u2 armhf [installed,automatic]
libqt5sql5/stable,now 5.15.8+dfsg-11+rpi1+deb12u2 armhf [installed,automatic]
libqt5svg5/stable,now 5.15.8-3 armhf [installed,automatic]
libqt5test5/stable,now 5.15.8+dfsg-11+rpi1+deb12u2 armhf [installed,automatic]
libqt5waylandclient5/stable,now 5.15.8-2 armhf [installed,automatic]
libqt5waylandcompositor5/stable,now 5.15.8-2 armhf [installed,automatic]
libqt5widgets5/stable,now 5.15.8+dfsg-11+rpi1+deb12u2 armhf [installed,automatic]
libqt5x11extras5/stable,now 5.15.8-2 armhf [installed,automatic]
libqt5xml5/stable,now 5.15.8+dfsg-11+rpi1+deb12u2 armhf [installed,automatic]
librabbitmq4/stable,now 0.11.0-1+b1 armhf [installed,automatic]
librados2/stable,now 16.2.15+ds-0+deb12u1+rpi1 armhf [installed,automatic]
libraptor2-0/stable,now 2.0.15-4 armhf [installed,automatic]
libraqm0/stable,now 0.7.0-4.1 armhf [installed,automatic]
```

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librav1e0/stable,now 0.5.1-6 armhf [installed,automatic]
libraw1394-11/stable,now 2.1.2-2 armhf [installed,automatic]
librbd1/stable,now 16.2.15+ds-0+deb12u1+rpi1 armhf [installed,automatic]
librdmacm1/stable,now 44.0-2 armhf [installed,automatic]
libreadline6/stable,now 6.3-9 armhf [installed]
libreadline8/stable,now 8.2-1.3 armhf [installed]
libresid-builder0c2a/stable,now 2.1.1-15 armhf [installed,automatic]
librist4/stable,now 0.2.7+dfsg-1 armhf [installed,automatic]
librsvg2-2/stable,now 2.54.7+dfsg-1~deb12u1 armhf [installed,automatic]
librsvg2-common/stable,now 2.54.7+dfsg-1~deb12u1 armhf [installed,automatic]
librtimulib-dev/stable,now 7.2.1-6+bookworm armhf [installed,automatic]
librtimulib-utils/stable,now 7.2.1-6+bookworm armhf [installed,automatic]
librtimulib7/stable,now 7.2.1-6+bookworm armhf [installed,automatic]
librtmp1/stable,now 2.4+20151223.gitfa8646d.1-2+b2 armhf [installed,automatic]
librubberband2/stable,now 3.1.2+dfsg0-1 armhf [installed,automatic]
libsamplerate0/stable,now 0.2.2-3 armhf [installed,automatic]
libsane-common/stable,now 1.2.1-2 all [installed,automatic]
libsane-hpaio/stable,now 3.22.10+dfsg0-2 armhf [installed,automatic]
libsane1/stable,now 1.2.1-2 armhf [installed,automatic]
libsasl2-2/stable,now 2.1.28+dfsg-10 armhf [installed]
libsasl2-modules-db/stable,now 2.1.28+dfsg-10 armhf [installed]
libsbc1/stable,now 2.0-1 armhf [installed,automatic]
libsdl-image1.2/stable,now 1.2.12-13+b2 armhf [installed,automatic]
libsdl1.2debian/stable,now 1.2.15+dfsg2-8 armhf [installed,automatic]
libsdl2-2.0-0/stable,now 2.26.5+dfsg-1 armhf [installed,automatic]
libsdl2-image-2.0-0/stable,now 2.6.3+dfsg-1 armhf [installed,automatic]
libsdl2-mixer-2.0-0/stable,now 2.6.2+dfsg-2 armhf [installed,automatic]
libsdl2-ttf-2.0-0/stable,now 2.20.1+dfsg-2 armhf [installed,automatic]
libseat1/stable,now 0.7.0-6 armhf [installed,automatic]
libseccomp2/stable,now 2.5.4-1+rpi1+deb12u1 armhf [installed]
libsecret-1-0/stable,now 0.20.5-3+rpi1 armhf [installed,automatic]
libsecret-common/stable,now 0.20.5-3+rpi1 all [installed,automatic]
libselinux1/stable,now 3.4-1+b2 armhf [installed]
libsemanage-common/stable,now 3.4-1 all [installed]
libsemanage2/stable,now 3.4-1+b2 armhf [installed]
libsensors-config/stable,now 1:3.6.0-7.1 all [installed,automatic]
libsensors5/stable,now 1:3.6.0-7.1 armhf [installed,automatic]
libsepol2/stable,now 3.4-2.1 armhf [installed]
libserd-0-0/stable,now 0.30.16-1 armhf [installed,automatic]
libshine3/stable,now 3.1.1-2+b1 armhf [installed,automatic]
libshout3/stable,now 2.4.6-1+b1 armhf [installed,automatic]
libsidplay2/stable,now 2.1.1-15 armhf [installed,automatic]
```

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libsigc++-1.2-5c2/stable,now 1.2.7-2+b1 armhf [installed]
libsigc++-2.0-0v5/stable,now 2.12.0-1 armhf [installed,automatic]
libslang2/stable,now 2.3.3-3 armhf [installed,automatic]
libsm-dev/stable,now 2:1.2.3-1 armhf [installed,automatic]
libsm6/stable,now 2:1.2.3-1 armhf [installed,automatic]
libsmartcols1/stable,now 2.38.1-5+deb12u3 armhf [installed]
libsmbclient/stable,now 2:4.17.8+dfsg-2 armhf [installed,automatic]
libsnappy1v5/stable,now 1.1.9-3 armhf [installed,automatic]
libsndfile1/stable,now 1.2.0-1 armhf [installed,automatic]
libsndio7.0/stable,now 1.9.0-0.3 armhf [installed,automatic]
libsnmp-base/stable,now 5.9.3+dfsg-2 all [installed,automatic]
libsnmp40/stable,now 5.9.3+dfsg-2 armhf [installed,automatic]
libsodium23/stable,now 1.0.18-1 armhf [installed,automatic]
libsord-0-0/stable,now 0.16.14+git221008-1 armhf [installed,automatic]
libsoundtouch1/stable,now 2.3.2+ds1-1 armhf [installed,automatic]
libsoup-3.0-0/stable,now 3.2.2-2 armhf [installed,automatic]
libsoup-3.0-common/stable,now 3.2.2-2 all [installed,automatic]
libsoup2.4-1/stable,now 2.74.3-1+deb12u1 armhf [installed,automatic]
libsoup2.4-common/stable,now 2.74.3-1+deb12u1 all [installed,automatic]
libsource-highlight-common/stable,now 3.1.9-4.2 all [installed,automatic]
libsource-highlight4v5/stable,now 3.1.9-4.2+b1 armhf [installed,automatic]
libsoxr0/stable,now 0.1.3-4+rpi1 armhf [installed,automatic]
libspa-0.2-bluetooth/stable,now 1.2.4-1~bpo12+1+rpt1 armhf [installed,automatic]
libspa-0.2-libcamera/stable,now 1.2.4-1~bpo12+1+rpt1 armhf [installed,automatic]
libspa-0.2-modules/stable,now 1.2.4-1~bpo12+1+rpt1 armhf [installed,automatic]
libspandsp2/stable,now 0.0.6+dfsg-2+b1 armhf [installed,automatic]
libspatialaudio0/stable,now 0.3.0+git20180730+dfsg1-2+b1 armhf [installed,automatic]
libspectre1/stable,now 0.2.12-1 armhf [installed,automatic]
libspeex1/stable,now 1.2.1-2 armhf [installed,automatic]
libspeexdsp1/stable,now 1.2.1-1 armhf [installed,automatic]
libsphinxbase3/stable,now 0.8+5prealpha+1-16 armhf [installed,automatic]
libsqlite3-0/stable,now 3.40.1-2+deb12u1 armhf [installed]
libsratom-0-0/stable,now 0.6.14-1 armhf [installed,automatic]
libsrt1.5-gnutls/stable,now 1.5.1-1+deb12u1 armhf [installed,automatic]
libsrtp2-1/stable,now 2.5.0-3 armhf [installed,automatic]
libss2/stable,now 1.47.0-2 armhf [installed]
libssh-gcrypt-4/stable,now 0.10.6-0+deb12u1 armhf [installed,automatic]
libssh2-1/stable,now 1.10.0-3+b1 armhf [installed,automatic]
libssl3/stable,now 3.0.15-1~deb12u1+rpt1 armhf [installed]
libstartup-notification0/stable,now 0.12-6+b1 armhf [installed,automatic]
libstdc++-12-dev/stable,now 12.2.0-14+rpi1 armhf [installed,automatic]
libstdc++6/stable,now 12.2.0-14+rpi1 armhf [installed]
```

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libstemmer0d/stable,now 2.2.0-2 armhf [installed,automatic]
libsvtav1enc1/stable,now 1.4.1+dfsg-1 armhf [installed,automatic]
libswresample4/stable,now 8:5.1.6-0+deb12u1+rpt1 armhf [installed,automatic]
libswscale6/stable,now 8:5.1.6-0+deb12u1+rpt1 armhf [installed,automatic]
libsynctex2/stable,now 2022.20220321.62855-5.1+deb12u2 armhf [installed,automatic]
libsystemd-shared/stable,now 252.33-1~deb12u1+rpi1 armhf [installed]
libsystemd0/stable,now 252.33-1~deb12u1+rpi1 armhf [installed]
libtag1v5-vanilla/stable,now 1.13-2 armhf [installed,automatic]
libtag1v5/stable,now 1.13-2 armhf [installed,automatic]
libtalloc2/stable,now 2.4.0-f2 armhf [installed,automatic]
libtasn1-6/stable,now 4.19.0-2 armhf [installed]
libtbb12/stable,now 2021.8.0-2+rpi1 armhf [installed,automatic]
libtbbbind-2-5/stable,now 2021.8.0-2+rpi1 armhf [installed,automatic]
libtbbmalloc2/stable,now 2021.8.0-2+rpi1 armhf [installed,automatic]
libtcl8.6/stable,now 8.6.13+dfsg-2 armhf [installed,automatic]
libtdb1/stable,now 1.4.8-2 armhf [installed,automatic]
libteamdctl0/stable,now 1.31-1 armhf [installed,automatic]
libtevent0/stable,now 0.14.1-1 armhf [installed,automatic]
libtext-charwidth-perl/stable,now 0.04-11 armhf [installed]
libtext-iconv-perl/stable,now 1.7-8 armhf [installed]
libtext-wrapi18n-perl/stable,now 0.06-10 all [installed]
libthai-data/stable,now 0.1.29-1 all [installed,automatic]
libthai0/stable,now 0.1.29-1 armhf [installed,automatic]
libtheora0/stable,now 1.1.1+dfsg.1-16.1 armhf [installed,automatic]
libtiff6/stable,now 4.5.0-6+deb12u2 armhf [installed,automatic]
libtinfo5/stable,now 6.4-4 armhf [installed]
libtinfo6/stable,now 6.4-4 armhf [installed]
libtirpc-common/stable,now 1.3.3+ds-1 all [installed]
libtirpc-dev/stable,now 1.3.3+ds-1 armhf [installed,automatic]
libtirpc3/stable,now 1.3.3+ds-1 armhf [installed]
libtk8.6/stable,now 8.6.13-2 armhf [installed,automatic]
libturbojpeg0/stable,now 1:2.1.5-2 armhf [installed,automatic]
libtwolame0/stable,now 0.4.0-2 armhf [installed,automatic]
libubsan1/stable,now 12.2.0-14+rpi1 armhf [installed,automatic]
libuchardet0/stable,now 0.0.7-1 armhf [installed]
libudev1/stable,now 252.33-1~deb12u1+rpi1 armhf [installed]
libudfread0/stable,now 1.1.2-1 armhf [installed,automatic]
libudisks2-0/stable,now 2.9.4-4 armhf [installed,automatic]
libunistring2/stable,now 1.0-2 armhf [installed]
libunwind-16/stable,now 1:16.0.6-15~deb12u1~rpt1 armhf [installed,automatic]
libunwind8/stable,now 1.6.2-3 armhf [installed,automatic]
libupnp13/stable,now 1:1.8.4-2 armhf [installed,automatic]
```

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libupower-glib3/stable,now 0.99.20-2 armhf [installed,automatic]
libusageenvironment3/stable,now 2020.01.19-1+build1 armhf [installed,automatic]
libusb-1.0-0/stable,now 2:1.0.26-1 armhf [installed,automatic]
libusbmuxd6/stable,now 2.0.2-3 armhf [installed,automatic]
libuuid1/stable,now 2.38.1-5+deb12u3 armhf [installed]
libv4l-0/stable,now 1.22.1-5 armhf [installed,automatic]
libv4l2rds0/stable,now 1.22.1-5 armhf [installed,automatic]
libv4lconvert0/stable,now 1.22.1-5 armhf [installed,automatic]
libva-drm2/stable,now 2.17.0-1 armhf [installed,automatic]
libva-x11-2/stable,now 2.17.0-1 armhf [installed,automatic]
libva2/stable,now 2.17.0-1 armhf [installed,automatic]
libvdpau-va-gl1/stable,now 0.4.2-1+b1 armhf [installed,automatic]
libvdpau1/stable,now 1.5-2 armhf [installed,automatic]
libvidstab1.1/stable,now 1.1.0-2 armhf [installed,automatic]
libvisual-0.4-0/stable,now 0.4.0-19 armhf [installed,automatic]
libvlc-bin/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
libvlc5/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
libvlccore9/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
libvncclient1/stable,now 0.9.14+dfsg-1 armhf [installed,automatic]
libvo-aacenc0/stable,now 0.1.3-2 armhf [installed,automatic]
libvo-amrwbenc0/stable,now 0.1.3-2 armhf [installed,automatic]
libvolume-key1/stable,now 0.3.12-5+b1 armhf [installed,automatic]
libvorbis0a/stable,now 1.3.7-1 armhf [installed,automatic]
libvorbisenc2/stable,now 1.3.7-1 armhf [installed,automatic]
libvorbisfile3/stable,now 1.3.7-1 armhf [installed,automatic]
libvpx7/stable,now 1.12.0-1+deb12u3 armhf [installed,automatic]
libvte-2.91-0/stable,now 0.70.6-2~deb12u1 armhf [installed,automatic]
libvte-2.91-common/stable,now 0.70.6-2~deb12u1 armhf [installed,automatic]
libvulkan1/stable,now 1.3.239.0-1 armhf [installed,automatic]
libwacom-common/stable,now 2.6.0-1 all [installed,automatic]
libwacom9/stable,now 2.6.0-1 armhf [installed,automatic]
libwavpack1/stable,now 5.6.0-1 armhf [installed,automatic]
libwayland-client0/stable,now 1.23.0-1~bpo12+1+rpt1 armhf [installed,automatic]
libwayland-cursor0/stable,now 1.23.0-1~bpo12+1+rpt1 armhf [installed,automatic]
libwayland-egl1/stable,now 1.23.0-1~bpo12+1+rpt1 armhf [installed,automatic]
libwayland-server0/stable,now 1.23.0-1~bpo12+1+rpt1 armhf [installed,automatic]
libwbclient0/stable,now 2:4.17.8+dfsg-2 armhf [installed,automatic]
libwebkit2gtk-4.1-0/stable,now 2.42.2-1~deb12u1+rpi1 armhf [installed,automatic]
libwebp7/stable,now 1.2.4-0.2+deb12u1 armhf [installed,automatic]
libwebpdemux2/stable,now 1.2.4-0.2+deb12u1 armhf [installed,automatic]
libwebpmux3/stable,now 1.2.4-0.2+deb12u1 armhf [installed,automatic]
libwebrtc-audio-processing1/stable,now 0.3-1 armhf [installed,automatic]
```

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libwf-config1/stable,now 0.7.1-3 armhf [installed,automatic]
libwf-utils0/stable,now 0.7.5-1~bpo11+1~rpt35 armhf [installed,automatic]
libwidevinecdm0/stable,now 4.10.2662.3+1 armhf [installed]
libwildmidi2/stable,now 0.4.3-1 armhf [installed,automatic]
libwireplumber-0.4-0/stable,now 0.4.13-1 armhf [installed,automatic]
libwlroots-0.18/stable,now 0.18.1-1+rpt8 armhf [installed,automatic]
libwlroots11/stable,now 0.16.0-2~bpo11+1~rpt13 armhf [installed,automatic]
libwmflite-0.2-7/stable,now 0.2.12-5.1 armhf [installed,automatic]
libwnck-3-0/stable,now 43.0-3 armhf [installed,automatic]
libwnck-3-common/stable,now 43.0-3 all [installed,automatic]
libwoff1/stable,now 1.0.2-2 armhf [installed,automatic]
libwpe-1.0-1/stable,now 1.14.0-1 armhf [installed,automatic]
libwpebackend-fdo-1.0-1/stable,now 1.14.2-1 armhf [installed,automatic]
libwrap0/stable,now 7.6.q-32 armhf [installed,automatic]
libx11-6/stable,now 2:1.8.4-2+deb12u2 armhf [installed,automatic]
libx11-data/stable,now 2:1.8.4-2+deb12u2 all [installed,automatic]
libx11-dev/stable,now 2:1.8.4-2+deb12u2 armhf [installed,automatic]
libx11-xcb1/stable,now 2:1.8.4-2+deb12u2 armhf [installed,automatic]
libx264-164/stable,now 2:0.164.3095+gitbaee400-3+rpi1 armhf [installed,automatic]
libx265-199/stable,now 3.5-2 armhf [installed,automatic]
libxau-dev/stable,now 1:1.0.9-1 armhf [installed,automatic]
libxau6/stable,now 1:1.0.9-1 armhf [installed,automatic]
libxaw7/stable,now 2:1.0.14-1 armhf [installed,automatic]
libxcb-composite0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-dri2-0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-dri3-0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-errors0/stable,now 1.0.1-2~bpo12+1+rpt1 armhf [installed,automatic]
libxcb-ewmh2/stable,now 0.4.1-1.1 armhf [installed,automatic]
libxcb-glx0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-icccm4/stable,now 0.4.1-1.1 armhf [installed,automatic]
libxcb-image0/stable,now 0.4.0-2 armhf [installed,automatic]
libxcb-keysyms1/stable,now 0.4.0-1+b2 armhf [installed,automatic]
libxcb-present0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-randr0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-render-util0/stable,now 0.3.9-1+b1 armhf [installed,automatic]
libxcb-render0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-res0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-shape0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-shm0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-sync1/stable,now 1.15-1 armhf [installed,automatic]
libxcb-util1/stable,now 0.4.0-1 armhf [installed,automatic]
libxcb-xfixes0/stable,now 1.15-1 armhf [installed,automatic]
```

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libxcb-xinerama0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-xinput0/stable,now 1.15-1 armhf [installed,automatic]
libxcb-xkb1/stable,now 1.15-1 armhf [installed,automatic]
libxcb-xv0/stable,now 1.15-1 armhf [installed,automatic]
libxcb1-dev/stable,now 1.15-1 armhf [installed,automatic]
libxcb1/stable,now 1.15-1 armhf [installed,automatic]
libxcomposite1/stable,now 1:0.4.5-1 armhf [installed,automatic]
libxcursor1/stable,now 1:1.2.1-1 armhf [installed,automatic]
libxcvt0/stable,now 0.1.2-1 armhf [installed,automatic]
libxdamage1/stable,now 1:1.1.6-1 armhf [installed,automatic]
libxdmcp-dev/stable,now 1:1.1.2-3 armhf [installed,automatic]
libxdmcp6/stable,now 1:1.1.2-3 armhf [installed,automatic]
libxext-dev/stable,now 2:1.3.4-1 armhf [installed,automatic]
libxext6/stable,now 2:1.3.4-1 armhf [installed,automatic]
libxfixes3/stable,now 1:6.0.0-2 armhf [installed,automatic]
libxfont2/stable,now 1:2.0.6-1 armhf [installed,automatic]
libxft2/stable,now 2.3.6-1 armhf [installed,automatic]
libxi6/stable,now 2:1.8-1 armhf [installed,automatic]
libxinerama1/stable,now 2:1.1.4-3 armhf [installed,automatic]
libxkbcommon-x11-0/stable,now 1.5.0-1 armhf [installed,automatic]
libxkbcommon0/stable,now 1.5.0-1 armhf [installed,automatic]
libxkbfile1/stable,now 1:1.1.0-1 armhf [installed,automatic]
libxkbregistry0/stable,now 1.5.0-1 armhf [installed,automatic]
libxklavier16/stable,now 5.4-4 armhf [installed,automatic]
libxml++2.6-2v5/stable,now 2.40.1-3 armhf [installed,automatic]
libxml2/stable,now 2.9.14+dfsg-1.3~deb12u1 armhf [installed,automatic]
libxmlb2/stable,now 0.3.10-2 armhf [installed,automatic]
libxmu6/stable,now 2:1.1.3-3 armhf [installed,automatic]
libxmuu1/stable,now 2:1.1.3-3 armhf [installed,automatic]
libxnvctrl0/stable,now 525.85.05-3~deb12u1 armhf [installed,automatic]
libxpm4/stable,now 1:3.5.12-1.1+deb12u1 armhf [installed,automatic]
libxrandr2/stable,now 2:1.5.2-2 armhf [installed,automatic]
libxrender1/stable,now 1:0.9.10-1.1 armhf [installed,automatic]
libxres1/stable,now 2:1.2.1-1 armhf [installed,automatic]
libxshmfence1/stable,now 1.3-1 armhf [installed,automatic]
libxslt1.1/stable,now 1.1.35-1 armhf [installed,automatic]
libxss1/stable,now 1:1.2.3-1 armhf [installed,automatic]
libxt-dev/stable,now 1:1.2.1-1.1 armhf [installed,automatic]
libxt6/stable,now 1:1.2.1-1.1 armhf [installed,automatic]
libxtables12/stable,now 1.8.9-2 armhf [installed]
libxtst6/stable,now 2:1.2.3-1.1 armhf [installed,automatic]
libxv1/stable,now 2:1.0.11-1.1 armhf [installed,automatic]
```

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libxvidcore4/stable,now 2:1.3.7-1 armhf [installed,automatic]
libxxf86vm1/stable,now 1:1.1.4-1+b2 armhf [installed,automatic]
libxxhash0/stable,now 0.8.1-1 armhf [installed]
libyajl2/stable,now 2.1.0-3+deb12u2 armhf [installed,automatic]
libyaml-0-2/stable,now 0.2.5-1 armhf [installed,automatic]
libyuv0/stable,now 0.0~git20230123.b2528b0-1 armhf [installed,automatic]
libz3-4/stable,now 4.8.12-3.1 armhf [installed,automatic]
libzbar0/stable,now 0.23.92-7+deb12u1 armhf [installed,automatic]
libzimg2/stable,now 3.0.4+ds1-1 armhf [installed,automatic]
libzmq5/stable,now 4.3.4-6 armhf [installed,automatic]
libzstd1/stable,now 1.5.4+dfsg2-5 armhf [installed]
libzvbi-common/stable,now 0.2.41-1 all [installed,automatic]
libzvbi0/stable,now 0.2.41-1 armhf [installed,automatic]
libzxing2/stable,now 1.4.0-3+b1 armhf [installed,automatic]
lightdm-gtk-greeter/stable,now 2.0.8-2 armhf [installed,automatic]
lightdm/stable,now 1.26.0-8+rpt5 armhf [installed]
linux-base/stable,now 4.9 all [installed,automatic]
linux-headers-6.6.51+rpt-common-rpi/stable,stable,now 1:6.6.51-1+rpt3 all [installed,automatic]
linux-headers-6.6.51+rpt-rpi-v6/stable,now 1:6.6.51-1+rpt3 armhf [installed,automatic]
linux-headers-6.6.51+rpt-rpi-v7/stable,now 1:6.6.51-1+rpt3 armhf [installed,automatic]
linux-headers-6.6.51+rpt-rpi-v7l/stable,now 1:6.6.51-1+rpt3 armhf [installed,automatic]
linux-headers-6.6.62+rpt-common-rpi/stable,stable,now 1:6.6.62-1+rpt1 all [installed,automatic]
linux-headers-6.6.62+rpt-rpi-v6/stable,now 1:6.6.62-1+rpt1 armhf [installed,automatic]
linux-headers-6.6.62+rpt-rpi-v7/stable,now 1:6.6.62-1+rpt1 armhf [installed,automatic]
linux-headers-6.6.62+rpt-rpi-v7l/stable,now 1:6.6.62-1+rpt1 armhf [installed,automatic]
linux-headers-rpi-v6/stable,now 1:6.6.62-1+rpt1 armhf [installed]
linux-headers-rpi-v7/stable,now 1:6.6.62-1+rpt1 armhf [installed]
linux-headers-rpi-v7l/stable,now 1:6.6.62-1+rpt1 armhf [installed]
linux-image-6.6.51+rpt-rpi-v6/stable,now 1:6.6.51-1+rpt3 armhf [installed,automatic]
linux-image-6.6.51+rpt-rpi-v7/stable,now 1:6.6.51-1+rpt3 armhf [installed,automatic]
linux-image-6.6.51+rpt-rpi-v7l/stable,now 1:6.6.51-1+rpt3 armhf [installed,automatic]
linux-image-6.6.51+rpt-rpi-v8/stable,now 1:6.6.51-1+rpt3 arm64 [installed,automatic]
linux-image-6.6.62+rpt-rpi-v6/stable,now 1:6.6.62-1+rpt1 armhf [installed,automatic]
linux-image-6.6.62+rpt-rpi-v7/stable,now 1:6.6.62-1+rpt1 armhf [installed,automatic]
linux-image-6.6.62+rpt-rpi-v7l/stable,now 1:6.6.62-1+rpt1 armhf [installed,automatic]
linux-image-6.6.62+rpt-rpi-v8/stable,now 1:6.6.62-1+rpt1 arm64 [installed,automatic]
linux-image-rpi-v6/stable,now 1:6.6.62-1+rpt1 armhf [installed]
linux-image-rpi-v7/stable,now 1:6.6.62-1+rpt1 armhf [installed]
linux-image-rpi-v7l/stable,now 1:6.6.62-1+rpt1 armhf [installed]
linux-image-rpi-v8/stable,now 1:6.6.62-1+rpt1 arm64 [installed]
linux-kbuild-6.6.51+rpt/stable,now 1:6.6.51-1+rpt3 armhf [installed,automatic]
linux-kbuild-6.6.62+rpt/stable,now 1:6.6.62-1+rpt1 armhf [installed,automatic]
```

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linux-libc-dev/stable,stable,now 1:6.6.62-1+rpt1 all [installed,automatic]
locales/stable,stable,now 2.36-9+rpt2+deb12u9 all [installed]
login/stable,now 1:4.13+dfsg1-1 armhf [installed]
logrotate/stable,now 3.21.0-1 armhf [installed]
logsave/stable,now 1.47.0-2 armhf [installed]
lp-connection-editor/stable,now 0.3 armhf [installed,automatic]
lsb-base/stable,now 11.6+rpi1 all [installed]
lsb-release/stable,now 12.0-1 all [installed,automatic]
lsof/stable,now 4.95.0-1+rpi1 armhf [installed,automatic]
lua5.1/stable,now 5.1.5-9 armhf [installed]
luajit/stable,now 2.1.0~beta3+git20220320+dfsg-4.1 armhf [installed]
lxappearance-obconf/stable,now 0.2.3-1 armhf [installed,automatic]
lxappearance/stable,now 0.6.3-1+b1 armhf [installed,automatic]
lxde-common/stable,now 0.99.2-4 all [installed,automatic]
lxde-core/stable,stable,now 11+rpt2 all [installed,automatic]
lxde-icon-theme/stable,now 0.5.1-2.1 all [installed,automatic]
lxde/stable,stable,now 11+rpt2 all [installed]
lxhotkey-core/stable,now 0.1.1-1 armhf [installed,automatic]
lxhotkey-gtk/stable,now 0.1.1-1 armhf [installed,automatic]
lxmenu-data/stable,now 0.1.5-2.1 all [installed,automatic]
lxpanel-data/stable,stable,now 0.10.1-2+rpt20 all [installed,automatic]
lxpanel/stable,now 0.10.1-2+rpt20 armhf [installed,automatic]
lxplug-bluetooth/stable,now 0.36 armhf [installed,automatic]
lxplug-cputemp/stable,now 0.12 armhf [installed,automatic]
lxplug-ejecter/stable,now 0.23 armhf [installed,automatic]
lxplug-magnifier/stable,now 0.14 armhf [installed,automatic]
lxplug-menu/stable,now 0.5 armhf [installed,automatic]
lxplug-netman/stable,now 0.12 armhf [installed,automatic]
lxplug-network/stable,now 0.33 armhf [installed,automatic]
lxplug-ptbatt/stable,now 0.22 armhf [installed,automatic]
lxplug-updater/stable,now 0.20 armhf [installed,automatic]
lxplug-volumepulse/stable,now 0.27 armhf [installed,automatic]
lxpolkit/stable,now 0.5.5-2+rpt5 armhf [installed,automatic]
lxrandr/stable,now 0.3.2-1.1 armhf [installed,automatic]
lxsession-data/stable,stable,now 0.5.5-2+rpt5 all [installed,automatic]
lxsession-edit/stable,now 0.5.5-2+rpt5 armhf [installed,automatic]
lxsession-logout/stable,now 0.5.5-2+rpt5 armhf [installed,automatic]
lxsession/stable,now 0.5.5-2+rpt5 armhf [installed,automatic]
lxtask/stable,now 0.1.10-1+rpt6 armhf [installed]
lxterminal/stable,now 0.4.0-2+rpt1 armhf [installed,automatic]
lynx-common/stable,now 2.9.0dev.12-1 all [installed,automatic]
lynx/stable,now 2.9.0dev.12-1 armhf [installed,automatic]
```

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mailcap/stable,now 3.70+nmu1 all [installed,automatic]
make/stable,now 4.3-4.1 armhf [installed,automatic]
man-db/stable,now 2.11.2-2 armhf [installed]
manpages-dev/stable,now 6.03-2 all [installed]
manpages/stable,now 6.03-2 all [installed,automatic]
mate-desktop-common/stable,now 1.26.0-2 all [installed,automatic]
mate-polkit-bin/stable,stable,now 1.26.1-3+rpt3 all [installed,automatic]
mate-polkit-common/stable,stable,now 1.26.1-3+rpt3 all [installed,automatic]
mate-polkit/stable,now 1.26.1-3+rpt3 armhf [installed,automatic]
mawk/stable,now 1.3.4.20200120-3.1 armhf [installed]
media-types/stable,now 10.0.0 all [installed,automatic]
menu-xdg/stable,now 0.7 all [installed]
mesa-vdpau-drivers/stable,now 23.2.1-1~bpo12+rpt3 armhf [installed,automatic]
mesa-vulkan-drivers/stable,now 23.2.1-1~bpo12+rpt3 armhf [installed]
meson/stable,now 1.0.1-5 all [installed]
mime-support/stable,now 3.66 all [installed,automatic]
mkvtoolnix/stable,now 74.0.0-1 armhf [installed]
modemmanager/stable,now 1.20.4-1 armhf [installed,automatic]
mount/stable,now 2.38.1-5+deb12u3 armhf [installed]
mousepad/stable,now 0.5.10-2 armhf [installed]
mypy/stable,now 1.0.1-1 all [installed,automatic]
nano/stable,now 7.2-1+deb12u1 armhf [installed]
ncdu/stable,now 1.18-0.2 armhf [installed]
ncurses-base/stable,now 6.4-4 all [installed]
ncurses-bin/stable,now 6.4-4 armhf [installed]
ncurses-term/stable,now 6.4-4 all [installed,automatic]
net-tools/stable,now 2.10-0.1 armhf [installed]
netbase/stable,now 6.4 all [installed]
netcat-openbsd/stable,now 1.219-1 armhf [installed]
network-manager/stable,now 1.42.4-1+rpt1 armhf [installed]
nfs-common/stable,now 1:2.6.2-4+deb12u1 armhf [installed]
nftables/stable,now 1.0.6-2+deb12u2 armhf [installed]
ninja-build/stable,now 1.11.1-2~deb12u1 armhf [installed,automatic]
notification-daemon/stable,now 3.20.0-4 armhf [installed,automatic]
ntfs-3g/stable,now 1:2022.10.3-1+deb12u2 armhf [installed]
obconf/stable,now 1:2.0.4+git20150213-2+rpt4 armhf [installed]
ocl-icd-libopencl1/stable,now 2.3.1-1 armhf [installed,automatic]
openbox-lxde-session/stable,now 0.99.2-4 all [installed,automatic]
openbox/stable,now 3.6.1-10+rpt1 armhf [installed,automatic]
openocd/stable,now 0.12.0-1+rpt1 armhf [installed]
openssh-client/stable,now 1:9.2p1-2+deb12u4 armhf [installed,automatic]
openssh-server/stable,now 1:9.2p1-2+deb12u4 armhf [installed,automatic]
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openssh-sftp-server/stable,now 1:9.2p1-2+deb12u4 armhf [installed,automatic]
openssl/stable,now 3.0.15-1~deb12u1+rpt1 armhf [installed]
p11-kit-modules/stable,now 0.24.1-2 armhf [installed,automatic]
p11-kit/stable,now 0.24.1-2 armhf [installed,automatic]
p7zip-full/stable,now 16.02+dfsg-8 armhf [installed]
p7zip/stable,now 16.02+dfsg-8 armhf [installed,automatic]
packagekit/stable,now 1.2.6-5 armhf [installed,automatic]
parted/stable,now 3.5-3 armhf [installed]
passwd/stable,now 1:4.13+dfsg1-1 armhf [installed]
pastebinit/stable,stable,now 1.6.2-1+rpt1 all [installed,automatic]
patch/stable,now 2.7.6-7 armhf [installed,automatic]
paxctld/stable,now 1.2.1-1 armhf [installed]
pci.ids/stable,now 0.0~2023.04.11-1 all [installed,automatic]
pciutils/stable,now 1:3.9.0-4 armhf [installed]
pcmanfm/stable,now 1.3.2-1+rpt29 armhf [installed,automatic]
perl-base/stable,now 5.36.0-7+deb12u1 armhf [installed]
perl-modules-5.36/stable,now 5.36.0-7+deb12u1 all [installed,automatic]
perl/stable,now 5.36.0-7+deb12u1 armhf [installed,automatic]
pi-bluetooth/stable,stable,now 0.1.20 all [installed]
pi-greeter/stable,now 0.25 armhf [installed,automatic]
pi-language-support/stable,now 0.1 armhf [installed,automatic]
pi-package-data/stable,stable,now 0.16 all [installed,automatic]
pi-package-session/stable,now 0.16 armhf [installed,automatic]
pi-package/stable,now 0.16 armhf [installed]
pi-printer-support/stable,stable,now 1.1 all [installed,automatic]
piclone/stable,now 0.31 armhf [installed]
pigpio-tools/stable,now 1.79-1+rpt1 armhf [installed,automatic]
pigpio/stable,now 1.79-1+rpt1 armhf [installed]
pigpiod/stable,now 1.79-1+rpt1 armhf [installed,automatic]
pinentry-curses/stable,now 1.2.1-1 armhf [installed]
pinentry-gnome3/stable,now 1.2.1-1 armhf [installed,automatic]
pipanel/stable,now 1:1.49 armhf [installed,automatic]
pipewire-bin/stable,now 1.2.4-1~bpo12+1+rpt1 armhf [installed,automatic]
pipewire-libcamera/stable,stable,now 1.2.4-1~bpo12+1+rpt1 all [installed,automatic]
pipewire-pulse/stable,now 1.2.4-1~bpo12+1+rpt1 armhf [installed,automatic]
pipewire/stable,now 1.2.4-1~bpo12+1+rpt1 armhf [installed,automatic]
pishutdown/stable,now 0.30 armhf [installed,automatic]
piwiz/stable,now 0.86 armhf [installed]
pixflat-icons/stable,stable,now 0.26 all [installed,automatic]
pixflat-theme/stable,now 0.21 armhf [installed,automatic]
pkexec/stable,now 122-3 armhf [installed,automatic]
pkg-config/stable,now 1.8.1-1 armhf [installed]
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pkgconf-bin/stable,now 1.8.1-1 armhf [installed,automatic]
pkgconf/stable,now 1.8.1-1 armhf [installed,automatic]
plymouth-label/stable,now 22.02.122-3+rpt1 armhf [installed,automatic]
plymouth-themes/stable,now 22.02.122-3+rpt1 armhf [installed,automatic]
plymouth/stable,now 22.02.122-3+rpt1 armhf [installed,automatic]
pocketsphinx-en-us/stable,now 0.8+5prealpha+1-15 all [installed,automatic]
policykit-1/stable,now 122-3 armhf [installed]
polkitd-pkla/stable,now 122-3 armhf [installed,automatic]
polkitd/stable,now 122-3 armhf [installed,automatic]
poppler-data/stable,now 0.4.12-1 all [installed,automatic]
poppler-utils/stable,now 22.12.0-2 armhf [installed,automatic]
ppp/stable,now 2.4.9-1+1.1+b1 armhf [installed,automatic]
pprompt/stable,stable,now 0.22 all [installed]
printer-driver-escpr/stable,now 1.7.17-3 armhf [installed,automatic]
printer-driver-hpcups/stable,now 3.22.10+dfsg0-2 armhf [installed,automatic]
printer-driver-postscript-hp/stable,now 3.22.10+dfsg0-2 armhf [installed,automatic]
procps/stable,now 2:4.0.2-3 armhf [installed]
psmisc/stable,now 23.6-1 armhf [installed]
publicsuffix/stable,now 20230209.2326-1 all [installed,automatic]
pulseaudio-module-bluetooth/stable,now 16.1+dfsg1-2+rpt1 armhf [installed,automatic]
pulseaudio-utils/stable,now 16.1+dfsg1-2+rpt1 armhf [installed,automatic]
pulseaudio/stable,now 16.1+dfsg1-2+rpt1 armhf [installed,automatic]
pylint/stable,now 2.16.2-2 all [installed,automatic]
python-apt-common/stable,now 2.6.0 all [installed,automatic]
python-babel-localedata/stable,now 2.10.3-1 all [installed,automatic]
python-is-python3/stable,now 3.11.2-1+deb12u1 all [installed]
python3-apt/stable,now 2.6.0 armhf [installed,automatic]
python3-asgiref/stable,now 3.6.0-1 all [installed,automatic]
python3-astroid/stable,now 2.14.2-1 all [installed,automatic]
python3-asttokens/stable,now 2.2.1-1 all [installed,automatic]
python3-attr/stable,now 22.2.0-1 all [installed,automatic]
python3-av/stable,now 12.3.0-2+rpt1 armhf [installed,automatic]
python3-babel/stable,now 2.10.3-1 all [installed,automatic]
python3-blinker/stable,now 1.5-1 all [installed,automatic]
python3-bs4/stable,now 4.11.2-2 all [installed,automatic]
python3-cairo/stable,now 1.20.1-5+b1 armhf [installed,automatic]
python3-certifi/stable,now 2022.9.24-1 all [installed,automatic]
python3-cffi-backend/stable,now 1.15.1-5+b1 armhf [installed,automatic]
python3-chardet/stable,now 5.1.0+dfsg-2 all [installed,automatic]
python3-charset-normalizer/stable,now 3.0.1-2 all [installed,automatic]
python3-click/stable,now 8.1.3-2 all [installed,automatic]
python3-colorama/stable,now 0.4.6-2 all [installed,automatic]
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python3-colorzero/stable,now 2.0-2 all [installed,automatic]
python3-cryptography/stable,now 38.0.4-3+deb12u1 armhf [installed,automatic]
python3-cups/stable,now 2.0.1-5+b2 armhf [installed,automatic]
python3-cupshelpers/stable,now 1.5.18-1 all [installed,automatic]
python3-dbus/stable,now 1.3.2-4+b1 armhf [installed,automatic]
python3-debconf/stable,now 1.5.82 all [installed,automatic]
python3-dev/stable,now 3.11.2-1 armhf [installed]
python3-dill/stable,now 0.3.6-1 all [installed,automatic]
python3-distro/stable,now 1.8.0-1 all [installed,automatic]
python3-distutils/stable,now 3.11.2-3 all [installed,automatic]
python3-docutils/stable,now 0.19+dfsg-6 all [installed,automatic]
python3-dotenv/stable,now 0.21.0-1 all [installed,automatic]
python3-flask/stable,now 2.2.2-3 all [installed]
python3-gi/stable,now 3.42.2-3+b1 armhf [installed,automatic]
python3-gpiozero/stable,stable,now 2.0.1-0+rpt1 all [installed]
python3-html5lib/stable,now 1.1-3 all [installed,automatic]
python3-idna/stable,now 3.3-1+deb12u1 all [installed,automatic]
python3-importlib-metadata/stable,now 4.12.0-1 all [installed,automatic]
python3-isort/stable,now 5.6.4-1 all [installed,automatic]
python3-itsdangerous/stable,now 2.1.2-3 all [installed,automatic]
python3-jedi/stable,now 0.18.2-1 all [installed,automatic]
python3-jinja2/stable,now 3.1.2-1+deb12u1 all [installed,automatic]
python3-json-pointer/stable,now 2.3-2 all [installed,automatic]
python3-jsonschema/stable,now 4.10.3-1 all [installed,automatic]
python3-jwt/stable,now 2.6.0-1 all [installed,automatic]
python3-kms++/stable,now 0~git20231115~065257+9ae90ce-1 armhf [installed,automatic]
python3-lazy-object-proxy/stable,now 1.9.0-1 armhf [installed,automatic]
python3-lgpio/stable,now 0.2.2-1~rpt1 armhf [installed,automatic]
python3-lib2to3/stable,now 3.11.2-3 all [installed,automatic]
python3-libarchive-c/stable,now 2.9-0.1 all [installed,automatic]
python3-libcamera/stable,now 0.3.2+rpt20241119-1 armhf [installed,automatic]
python3-libevdev/stable,now 0.5-3 all [installed,automatic]
python3-libgpiod/stable,now 1.6.3-1+rpi1+b2 armhf [installed]
python3-logilab-common/stable,now 1.9.8-1 all [installed,automatic]
python3-lxml/stable,now 4.9.2-1 armhf [installed,automatic]
python3-markupsafe/stable,now 2.1.2-1 armhf [installed,automatic]
python3-mccabe/stable,now 0.7.0-1 all [installed,automatic]
python3-minimal/stable,now 3.11.2-1 armhf [installed,automatic]
python3-more-itertools/stable,now 8.10.0-2 all [installed,automatic]
python3-mypy-extensions/stable,now 0.4.3-4 all [installed,automatic]
python3-mypy/stable,now 1.0.1-1 armhf [installed,automatic]
python3-numpy/stable,now 1:1.24.2-1+deb12u1 armhf [installed]
```

```
python3-oauthlib/stable,now 3.2.2-1 all [installed,automatic]
python3-olefile/stable,now 0.46-3 all [installed,automatic]
python3-opengl/stable,now 3.1.6+dfsg-3 all [installed,automatic]
python3-openssl/stable,now 23.0.0-1 all [installed,automatic]
python3-parso/stable,now 0.8.3-1 all [installed,automatic]
python3-pexpect/stable,now 4.8.0-4 all [installed,automatic]
python3-pgzero/stable,now 1.2.post4+dfsg-2 all [installed]
python3-picamera2/stable,stable,now 0.3.24-1 all [installed]
python3-pidng/stable,now 4.0.9+git20250106.30c8ba7-1 armhf [installed,automatic]
python3-piexif/stable,now 1.1.3-2 all [installed,automatic]
python3-pigpio/stable,stable,now 1.79-1+rpt1 all [installed]
python3-pil/stable,now 9.4.0-1.1+deb12u1 armhf [installed]
python3-pip-whl/stable,stable,now 23.0.1+dfsg-1+rpt1 all [installed,automatic]
python3-pip/stable,stable,now 23.0.1+dfsg-1+rpt1 all [installed]
python3-pkg-resources/stable,now 66.1.1-1+deb12u1 all [installed,automatic]
python3-platformdirs/stable,now 2.6.0-1 all [installed,automatic]
python3-prctl/stable,now 1.8.1-1+b1 armhf [installed,automatic]
python3-psutil/stable,now 5.9.4-1+b1 armhf [installed,automatic]
python3-ptyprocess/stable,now 0.7.0-5 all [installed,automatic]
python3-pycryptodome/stable,now 3.11.0+dfsg1-4 armhf [installed,automatic]
python3-pygame/stable,now 2.1.2+dfsg-5 armhf [installed]
python3-pygments/stable,now 2.14.0+dfsg-1 all [installed,automatic]
python3-pyinotify/stable,now 0.9.6-2 all [installed,automatic]
python3-pyqt5.sip/stable,now 12.11.1-1 armhf [installed,automatic]
python3-pyqt5/stable,now 5.15.9+dfsg-1 armhf [installed,automatic]
python3-pyrsistent/stable,now 0.18.1-1+b1 armhf [installed,automatic]
python3-pyudev/stable,now 0.24.0-1 all [installed,automatic]
python3-renderpm/stable,now 3.6.12-1+deb12u1 armhf [installed,automatic]
python3-reportlab-accel/stable,now 3.6.12-1+deb12u1 armhf [installed,automatic]
python3-reportlab/stable,now 3.6.12-1+deb12u1 all [installed,automatic]
python3-requests-oauthlib/stable,now 1.3.0+ds-1 all [installed,automatic]
python3-requests/stable,now 2.28.1+dfsg-1 all [installed,automatic]
python3-responses/stable,now 0.18.0-1 all [installed,automatic]
python3-rfc3987/stable,now 1.3.8-2 all [installed,automatic]
python3-roman/stable,now 3.3-3 all [installed,automatic]
python3-rpi.gpio/stable,now 0.7.1~a4-1+b2 armhf [installed]
python3-rtimulib/stable,now 7.2.1-6+bookworm armhf [installed,automatic]
python3-send2trash/stable,now 1.8.1~b0-2 all [installed,automatic]
python3-sense-hat/stable,stable,now 2.6.0-1 all [installed,automatic]
python3-serial/stable,now 3.5-1.1 all [installed]
python3-setuptools-whl/stable,now 66.1.1-1+deb12u1 all [installed,automatic]
python3-setuptools/stable,now 66.1.1-1+deb12u1 all [installed,automatic]
```

```
python3-simplejpeg/stable,now 1.6.6-1 armhf [installed,automatic]
python3-simplejson/stable,now 3.18.3-1 armhf [installed,automatic]
python3-six/stable,now 1.16.0-4 all [installed,automatic]
python3-smbc/stable,now 1.0.23-2+b2 armhf [installed,automatic]
python3-smbus2/stable,now 0.4.2-1 armhf [installed]
python3-smbus/stable,now 4.3-2+b2 armhf [installed]
python3-soupsieve/stable,now 2.3.2-1 all [installed,automatic]
python3-spidev/stable,now 20200602~200721-1+bookworm armhf [installed]
python3-tk/stable,now 3.11.2-3 armhf [installed]
python3-toml/stable,now 0.10.2-1 all [installed,automatic]
python3-tomlkit/stable,now 0.11.7-1 all [installed,automatic]
python3-tqdm/stable,now 4.64.1-1 all [installed,automatic]
python3-twython/stable,now 3.8.2+dfsg-2 all [installed]
python3-typeshed/stable,now 0.0~git20221107.4f381af-1 all [installed,automatic]
python3-typing-extensions/stable,now 4.4.0-1 all [installed,automatic]
python3-tz/stable,now 2022.7.1-4 all [installed,automatic]
python3-uritemplate/stable,now 4.1.1-2 all [installed,automatic]
python3-urllib3/stable,now 1.26.12-1+deb12u1 all [installed,automatic]
python3-v4l2/stable,stable,now 0.3.5-1 all [installed,automatic]
python3-venv/stable,now 3.11.2-1 armhf [installed]
python3-webcolors/stable,now 1.11.1-1 all [installed,automatic]
python3-webencodings/stable,now 0.5.1-5 all [installed,automatic]
python3-werkzeug/stable,now 2.2.2-3+deb12u1 all [installed,automatic]
python3-wheel/stable,now 0.38.4-2 all [installed,automatic]
python3-wrapt/stable,now 1.14.1-2+b1 armhf [installed,automatic]
python3-zipp/stable,now 1.0.0-6 all [installed,automatic]
python3.11-dev/stable,now 3.11.2-6+deb12u5 armhf [installed,automatic]
python3.11-minimal/stable,now 3.11.2-6+deb12u5 armhf [installed,automatic]
python3.11-venv/stable,now 3.11.2-6+deb12u5 armhf [installed,automatic]
python3.11/stable,now 3.11.2-6+deb12u5 armhf [installed,automatic]
python3/stable,now 3.11.2-1 armhf [installed]
qml-module-qtgraphicaleffects/stable,now 5.15.8-2 armhf [installed,automatic]
qml-module-qtquick-controls2/stable,now 5.15.8+dfsg-2 armhf [installed,automatic]
qml-module-qtquick-layouts/stable,now 5.15.8+dfsg-3+rpi1 armhf [installed,automatic]
qml-module-qtquick-templates2/stable,now 5.15.8+dfsg-2 armhf [installed,automatic]
qml-module-qtquick-window2/stable,now 5.15.8+dfsg-3+rpi1 armhf [installed,automatic]
qml-module-qtquick2/stable,now 5.15.8+dfsg-3+rpi1 armhf [installed,automatic]
qt5-gtk-platformtheme/stable,now 5.15.8+dfsg-11+rpi1+deb12u2 armhf [installed,automatic]
qt5-gtk2-platformtheme/stable,now 5.0.0+git23.g335dbec-4+rpt2 armhf [installed,automatic]
qt5-style-plugin-cleanlooks/stable,now 5.0.0+git23.g335dbec-4+rpt2 armhf [installed,automatic]
qt5-style-plugin-motif/stable,now 5.0.0+git23.g335dbec-4+rpt2 armhf [installed,automatic]
qt5-style-plugin-plastique/stable,now 5.0.0+git23.g335dbec-4+rpt2 armhf [installed,automatic]
```

```
qt5-style-plugins/stable,now 5.0.0+git23.g335dbec-4+rpt2 armhf [installed,automatic]
qt5ct/stable,now 1.5-1+rpt1 armhf [installed,automatic]
qtwayland5/stable,now 5.15.8-2 armhf [installed,automatic]
raindrop/stable,now 0.12 armhf [installed,automatic]
raspberrypi-archive-keyring/stable,stable,now 2021.1.1+rpt1 all [installed]
raspberrypi-net-mods/stable,stable,now 1.4.3 all [installed]
raspberrypi-sys-mods/stable,now 20241202 armhf [installed]
raspberrypi-ui-mods/stable,now 1.20241211 armhf [installed]
raspbian-archive-keyring/stable,now 20120528.2 all [installed]
raspi-config/stable,stable,now 20241210 all [installed]
raspi-copies-and-fills/stable,now 0.13 armhf [installed]
raspi-firmware/stable,stable,now 1:1.20241126-1 all [installed]
raspi-gpio/stable,now 0.20231127 armhf [installed]
raspi-utils-core/stable,now 20240903-1 armhf [installed,automatic]
raspi-utils-dt/stable,now 20240903-1 armhf [installed,automatic]
raspi-utils-eeprom/stable,now 20240903-1 armhf [installed,automatic]
raspi-utils-otp/stable,stable,now 20240903-1 all [installed,automatic]
raspi-utils/stable,stable,now 20240903-1 all [installed]
raspinfo/stable,stable,now 20240903-1 all [installed,automatic]
rasputin/stable,now 0.2 armhf [installed,automatic]
rc-gui/stable,now 1.90 armhf [installed]
rclone/stable,now 1.60.1+dfsg-2 armhf [installed]
read-edid/stable,now 3.0.2-1.1 armhf [installed,automatic]
readline-common/stable,now 8.2-1.3 all [installed]
realvnc-vnc-server/stable,now 7.13.1.57 armhf [installed]
rfkill/stable,now 2.38.1-5+deb12u3 armhf [installed]
rp-bookshelf/stable,now 0.24 armhf [installed,automatic]
rp-prefapps/stable,now 0.65 armhf [installed]
rpcbind/stable,now 1.2.6-6 armhf [installed,automatic]
rpcsvc-proto/stable,now 1.4.3-1 armhf [installed,automatic]
rpd-plym-splash/stable,now 0.42 armhf [installed,automatic]
rpd-wallpaper/stable,stable,now 0.5 all [installed,automatic]
rpi-chromium-mods/stable,now 20240904 armhf [installed]
rpi-connect/now 2.2.0 armhf [installed,upgradable to: 2.3.0]
rpi-eeprom/now 26.8-1 all [installed,upgradable to: 27.0-1]
rpi-firefox-mods/stable,stable,now 20240424 all [installed]
rpi-imager/stable,now 1.8.5+rpt1 armhf [installed]
rpi-update/stable,stable,now 20230904 all [installed]
rpi.gpio-common/stable,now 0.7.1~a4-1+b2 armhf [installed,automatic]
rpicam-apps/stable,now 1.5.3-1 armhf [installed]
rsync/stable,now 3.2.7-1+deb12u2 armhf [installed]
rtkit/stable,now 0.13-5 armhf [installed,automatic]
```

```
runit-helper/stable,now 2.15.2 all [installed,automatic]
samba-libs/stable,now 2:4.17.8+dfsg-2 armhf [installed,automatic]
sane-airscan/stable,now 0.99.27-1 armhf [installed,automatic]
sane-utils/stable,now 1.2.1-2 armhf [installed,automatic]
scrot/stable,now 1.8.1-1 armhf [installed,automatic]
sed/stable,now 4.9-1 armhf [installed]
sense-hat/stable,stable,now 1.4 all [installed]
sensible-utils/stable,now 0.0.17+nmu1 all [installed]
sgml-base/stable,now 1.31 all [installed,automatic]
shared-mime-info/stable,now 2.2-1 armhf [installed,automatic]
ssh-import-id/stable,now 5.10-1 all [installed]
ssh/stable,now 1:9.2p1-2+deb12u4 all [installed]
ssl-cert/stable,now 1.1.2 all [installed,automatic]
strace/stable,now 5.10-1 armhf [installed]
sudo/stable,now 1.9.13p3-1+deb12u1 armhf [installed]
swayidle/stable,now 1.8.0-1 armhf [installed,automatic]
syncthing/stable,now 1.19.2~ds1-1 armhf [installed]
system-config-printer-common/stable,now 1.5.18-1 all [installed,automatic]
system-config-printer-udev/stable,now 1.5.18-1+b1 armhf [installed,automatic]
system-config-printer/stable,now 1.5.18-1 all [installed]
systemd-sysv/stable,now 252.33-1~deb12u1+rpi1 armhf [installed]
systemd-timesyncd/stable,now 252.33-1~deb12u1+rpi1 armhf [installed]
systemd/stable,now 252.33-1~deb12u1+rpi1 armhf [installed]
sysvinit-utils/stable,now 3.06-4 armhf [installed]
tar/stable,now 1.34+dfsg-1.2 armhf [installed]
tasksel-data/stable,now 3.73 all [installed]
tasksel/stable,now 3.73 all [installed]
thonny/stable,stable,now 4.1.4-1 all [installed]
timgm6mb-soundfont/stable,now 1.3-5 all [installed,automatic]
tk8.6-blt2.5/stable,now 2.5.3+dfsg-4.1 armhf [installed,automatic]
traceroute/stable,now 1:2.1.2-1 armhf [installed]
tree/stable,now 2.1.0-1 armhf [installed]
triggerhappy/stable,now 0.5.0-1.1 armhf [installed,automatic]
tzdata/stable,now 2024b-0+deb12u1 all [installed]
ucf/stable,now 3.0043+nmu1+deb12u1 all [installed,automatic]
udev/stable,now 252.33-1~deb12u1+rpi1 armhf [installed]
udisks2/stable,now 2.9.4-4 armhf [installed]
unzip/stable,now 6.0-28 armhf [installed]
update-inetd/stable,now 4.53 all [installed,automatic]
upower/stable,now 0.99.20-2 armhf [installed,automatic]
usb-modeswitch-data/stable,now 20191128-5 all [installed,automatic]
usb-modeswitch/stable,now 2.6.1-3+b1 armhf [installed]
```

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usb.ids/stable,now 2024.07.04-0+deb12u1 all [installed,automatic]
usbutils/stable,now 1:014-1+deb12u1 armhf [installed]
userconf-pi/stable,stable,now 0.10 all [installed]
usr-is-merged/stable,now 37~deb12u1 all [installed]
util-linux-extra/stable,now 2.38.1-5+deb12u3 armhf [installed]
util-linux/stable,now 2.38.1-5+deb12u3 armhf [installed]
uuid/stable,now 1.6.2-1.5+b11 armhf [installed,automatic]
v4l-utils/stable,now 1.22.1-5 armhf [installed]
vdpau-driver-all/stable,now 1.5-2 armhf [installed,automatic]
vim-common/stable,now 2:9.0.1378-2 all [installed]
vim-tiny/stable,now 2:9.0.1378-2 armhf [installed]
vlc-bin/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
vlc-data/stable,stable,now 1:3.0.21-0+rpt3+deb12u1 all [installed,automatic]
vlc-l10n/stable,stable,now 1:3.0.21-0+rpt3+deb12u1 all [installed,automatic]
vlc-plugin-access-extra/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
vlc-plugin-base/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
vlc-plugin-notify/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
vlc-plugin-qt/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
vlc-plugin-samba/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
vlc-plugin-skins2/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
vlc-plugin-video-output/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
vlc-plugin-video-splitter/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
vlc-plugin-visualization/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed,automatic]
vlc/stable,now 1:3.0.21-0+rpt3+deb12u1 armhf [installed]
vulkan-tools/stable,now 1.3.239.0+dfsg1-1 armhf [installed]
wamerican/stable,now 2020.12.07-2 all [installed]
wayfire/stable,now 0.7.5-1~bpo11+1~rpt35 armhf [installed,automatic]
wayvnc/stable,now 0.9.0~dev-1+rpt2 armhf [installed,automatic]
wbritish/stable,now 2020.12.07-2 all [installed]
webp-pixbuf-loader/stable,now 0.0.5-5 armhf [installed,automatic]
wf-panel-pi/stable,now 0.91 armhf [installed,automatic]
wfplug-connect/stable,now 0.10 armhf [installed,automatic]
wfplug-squeek/stable,now 0.5 armhf [installed,automatic]
wget/stable,now 1.21.3-1+b1 armhf [installed,automatic]
whiptail/stable,now 0.52.23-1+b1 armhf [installed,automatic]
wireless-regdb/stable,now 2022.06.06-1 all [installed,automatic]
wireless-tools/stable,now 30~pre9-14 armhf [installed]
wireplumber/stable,now 0.4.13-1 armhf [installed,automatic]
wlopm/stable,now 0.1.0-1~bpo11+rpt1 armhf [installed,automatic]
wlr-randr/stable,now 0.2.0-2+rpt1 armhf [installed,automatic]
wpasupplicant/stable,now 2:2.10-12+deb12u2 armhf [installed]
x11-common/stable,now 1:7.7+23 all [installed,automatic]
```

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x11-xkb-utils/stable,now 7.7+7 armhf [installed,automatic]
x11-xserver-utils/stable,now 7.7+9 armhf [installed,automatic]
x11proto-dev/stable,now 2022.1-1 all [installed,automatic]
xarchiver/stable,now 1:0.5.4.20-2 armhf [installed,automatic]
xauth/stable,now 1:1.1.2-1 armhf [installed,automatic]
xcompmgr/stable,now 1.1.8-1+rpt1 armhf [installed]
xdg-dbus-proxy/stable,now 0.1.4-3 armhf [installed,automatic]
xdg-desktop-portal-gtk/stable,now 1.14.1-1 armhf [installed,automatic]
xdg-desktop-portal-wlr/stable,now 0.7.0-1+rpt2 armhf [installed,automatic]
xdg-desktop-portal/stable,now 1.16.0-2 armhf [installed,automatic]
xdg-user-dirs/stable,now 0.18-1 armhf [installed,automatic]
xdg-utils/stable,now 1.1.3-4.1 all [installed]
xfonts-encodings/stable,now 1:1.0.4-2.2 all [installed,automatic]
xfonts-utils/stable,now 1:7.7+6 armhf [installed,automatic]
xinit/stable,now 1.4.0-1 armhf [installed]
xinput/stable,now 1.6.3-1 armhf [installed,automatic]
xkb-data/stable,now 2.35.1-1 all [installed,automatic]
xml-core/stable,now 0.18+nmu1 all [installed,automatic]
xmlstarlet/stable,now 1.6.1-3 armhf [installed,automatic]
xorg-sgml-doctools/stable,now 1:1.11-1.1 all [installed,automatic]
xsel/stable,now 1.2.0+git9bfc13d.20180109-4 armhf [installed,automatic]
xserver-common/stable,stable,now 2:21.1.7-3+rpt3+deb12u8 all [installed,automatic]
xserver-xorg-core/stable,now 2:21.1.7-3+rpt3+deb12u8 armhf [installed,automatic]
xserver-xorg-input-all/stable,now 1:7.7+23+b1 armhf [installed,automatic]
xserver-xorg-input-libinput/stable,now 1.2.1-1 armhf [installed,automatic]
xserver-xorg-video-fbdev/stable,now 1:0.5.0-2 armhf [installed]
xserver-xorg/stable,now 1:7.7+23+b1 armhf [installed]
xsettingsd/stable,now 1.0.2-1 armhf [installed,automatic]
xtrans-dev/stable,now 1.4.0-1 all [installed,automatic]
xwayland/stable,now 2:22.1.9-1+rpt1 armhf [installed,automatic]
xz-utils/stable,now 5.4.1-0.2 armhf [installed,automatic]
zenity-common/stable,now 3.44.0-1 all [installed,automatic]
zenity/stable,now 3.44.0-1 armhf [installed]
zip/stable,now 3.0-13 armhf [installed]
zlib1g-dev/stable,now 1:1.2.13.dfsg-1+rpt1 armhf [installed]
zlib1g/stable,now 1:1.2.13.dfsg-1+rpt1 armhf [installed]
zstd/stable,now 1.5.4+dfsg2-5 armhf [installed,automatic]
siddharthpatil@soilanalyser:~ $ pip3 list
Package                           Version
--------------------------------- ----------
asgiref                           3.6.0
astroid                           2.14.2
```

```
asttokens                2.2.1
attrs                    22.2.0
av                       12.3.0
Babel                    2.10.3
beautifulsoup4           4.11.2
blinker                  1.5
certifi                  2022.9.24
chardet                  5.1.0
charset-normalizer       3.0.1
click                    8.1.3
colorama                 0.4.6
colorzero                2.0
cryptography             38.0.4
cupshelpers              1.0
dbus-python              1.3.2
dill                     0.3.6
distro                   1.8.0
docutils                 0.19
Flask                    2.2.2
gpiozero                 2.0.1
html5lib                 1.1
idna                     3.3
importlib-metadata       4.12.0
isort                    5.6.4
itsdangerous             2.1.2
jedi                     0.18.2
Jinja2                   3.1.2
jsonpointer              2.3
jsonschema               4.10.3
lazy-object-proxy        1.9.0
lgpio                    0.2.2.0
libarchive-c             2.9
libevdev                 0.5
logilab-common           1.9.8
lxml                     4.9.2
MarkupSafe               2.1.2
mccabe                   0.7.0
meson                    1.0.1
more-itertools           8.10.0
mypy                     1.0.1
mypy-extensions          0.4.3
numpy                    1.24.2
```

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oauthlib               3.2.2
olefile                0.46
parso                  0.8.3
pexpect                4.8.0
pgzero                 1.2
picamera2              0.3.24
pidng                  4.0.9
piexif                 1.1.3
pigpio                 1.78
Pillow                 9.4.0
pip                    23.0.1
platformdirs           2.6.0
psutil                 5.9.4
ptyprocess             0.7.0
pycairo                1.20.1
pycryptodomex          3.11.0
pycups                 2.0.1
pygame                 2.1.2
Pygments               2.14.0
PyGObject              3.42.2
pyinotify              0.9.6
PyJWT                  2.6.0
pylint                 2.16.2
PyOpenGL               3.1.6
pyOpenSSL              23.0.0
PyQt5                  5.15.9
PyQt5-sip              12.11.1
pyrsistent             0.18.1
pyserial               3.5
pysmbc                 1.0.23
python-apt             2.6.0
python-dotenv          0.21.0
python-prctl           1.8.1
pytz                   2022.7.1
pyudev                 0.24.0
reportlab              3.6.12
requests               2.28.1
requests-oauthlib      1.3.0
responses              0.18.0
rfc3987                1.3.8
roman                  3.3
RPi.GPIO               0.7.1a4
```

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RTIMULib                               7.2.1
Send2Trash                             1.8.1b0
sense-hat                              2.6.0
setuptools                             66.1.1
simplejpeg                             1.6.6
simplejson                             3.18.3
six                                    1.16.0
smbus2                                 0.4.2
soupsieve                              2.3.2
spidev                                 3.5
ssh-import-id                          5.10
thonny                                 4.1.4
toml                                   0.10.2
tomlkit                                0.11.7
tqdm                                   4.64.1
twython                                3.8.2
types-aiofiles                         22.1
types-annoy                            1.17
types-appdirs                          1.4
types-aws-xray-sdk                     2.10
types-babel                            2.11
types-backports.ssl-match-hostname 3.7
types-beautifulsoup4                   4.11
types-bleach                           5.0
types-boto                             2.49
types-braintree                        4.17
types-cachetools                       5.2
types-caldav                           0.10
types-certifi                          2021.10.8
types-cffi                             1.15
types-chardet                          5.0
types-chevron                          0.14
types-click-spinner                    0.1
types-colorama                         0.4
types-commonmark                       0.9
types-console-menu                     0.7
types-contextvars                      2.4
types-croniter                         1.3
types-cryptography                     3.3
types-D3DShot                          0.1
types-dateparser                       1.1
types-DateTimeRange                    1.2
```

```
types-decorator               5.1
types-Deprecated              1.2
types-dj-database-url         1.0
types-docopt                  0.6
types-docutils                0.19
types-editdistance            0.6
types-emoji                   2.1
types-entrypoints             0.4
types-first                   2.0
types-flake8-2020             1.7
types-flake8-bugbear          22.10.27
types-flake8-builtins         2.0
types-flake8-docstrings       1.6
types-flake8-plugin-utils     1.3
types-flake8-rst-docstrings   0.2
types-flake8-simplify         0.19
types-flake8-typing-imports   1.14
types-Flask-Cors              3.0
types-Flask-SQLAlchemy        2.5
types-fpdf2                   2.5
types-gdb                     12.1
types-google-cloud-ndb        1.11
types-hdbcli                  2.14
types-html5lib                1.1
types-httplib2                0.21
types-humanfriendly           10.0
types-invoke                  1.7
types-JACK-Client             0.5
types-jmespath                1.0
types-jsonschema              4.17
types-keyboard                0.13
types-ldap3                   2.9
types-Markdown                3.4
types-mock                    4.0
types-mypy-extensions         0.4
types-mysqlclient             2.1
types-oauthlib                3.2
types-openpyxl                3.0
types-opentracing             2.4
types-paho-mqtt               1.6
types-paramiko                2.11
types-parsimonious            0.10
```

```
types-passlib                  1.7
types-passpy                   1.0
types-peewee                   3.15
types-pep8-naming              0.13
types-Pillow                   9.3
types-playsound                1.3
types-polib                    1.1
types-prettytable              3.4
types-protobuf                 3.20
types-psutil                   5.9
types-psycopg2                 2.9
types-pyaudio                  0.2
types-PyAutoGUI                0.9
types-pycurl                   7.45
types-pyfarmhash               0.3
types-pyflakes                 2.5
types-Pygments                 2.13
types-pyinstaller              5.6
types-PyMySQL                  1.0
types-pynput                   1.7
types-pyOpenSSL                22.1
types-pyRFC3339                1.1
types-PyScreeze                0.1
types-pysftp                   0.2
types-pytest-lazy-fixture      0.6
types-python-crontab           2.6
types-python-dateutil          2.8
types-python-gflags            3.1
types-python-jose              3.3
types-python-nmap              0.7
types-python-slugify           6.1
types-pytz                     2022.6
types-pyvmomi                  7.0
types-pywin32                  304
types-PyYAML                   6.0
types-redis                    4.3
types-regex                    2022.10.31
types-requests                 2.28
types-retry                    0.9
types-Send2Trash               1.8
types-setuptools               65.5
types-simplejson               3.17
```

```
types-singledispatch              3.7
types-six                         1.16
types-slumber                     0.7
types-SQLAlchemy                  1.4.43
types-stdlib-list                 0.8
types-stripe                      3.5
types-tabulate                    0.9
types-termcolor                   1.1
types-toml                        0.10
types-toposort                    1.7
types-tqdm                        4.64
types-tree-sitter                 0.20
types-tree-sitter-languages       1.5
types-ttkthemes                   3.2
types-typed-ast                   1.5
types-tzlocal                     4.2
types-ujson                       5.5
types-urllib3                     1.26
types-vobject                     0.9
types-waitress                    2.1
types-whatthepatch                1.0
types-xmltodict                   0.13
types-xxhash                      3.0
types-zxcvbn                      4.4
typing_extensions                 4.4.0
uritemplate                       4.1.1
urllib3                           1.26.12
v4l2-python3                      0.3.5
webcolors                         1.11.1
webencodings                      0.5.1
Werkzeug                          2.2.2
wheel                             0.38.4
wrapt                             1.14.1
zipp                              1.0.0
siddharthpatil@soilanalyser:~ $ ls ~/bin
ls: cannot access '/home/siddharthpatil/bin': No such file or directory
siddharthpatil@soilanalyser:~ $ sudo ls ~/bin
ls: cannot access '/home/siddharthpatil/bin': No such file or directory
siddharthpatil@soilanalyser:~ $ dpkg --get-selections
accountsservice                           install
acl                                       install
adduser                                   install
```

```
adwaita-icon-theme                              install
agnostics                                       install
alacarte                                        install
alsa-topology-conf                              install
alsa-ucm-conf                                   install
alsa-utils                                      install
apparmor                                        install
apt                                             install
apt-listchanges                                 install
apt-utils                                       install
at-spi2-common                                  install
autotouch                                       install
avahi-daemon                                    install
avahi-utils                                     install
base-files                                      install
base-passwd                                     install
bash                                            install
bash-completion                                 install
bc                                              install
binutils                                        install
binutils-arm-linux-gnueabihf                    install
binutils-common:armhf                           install
blt                                             install
bluez                                           install
bluez-firmware                                  install
bsdextrautils                                   install
bsdutils                                        install
bubblewrap                                      install
build-essential                                 install
busybox                                         install
bzip2                                           install
ca-certificates                                 install
chromium                                        install
chromium-browser                                deinstall
chromium-codecs-ffmpeg-extra                    install
chromium-common                                 install
chromium-l10n                                   install
chromium-sandbox                                install
cifs-utils                                      install
colord                                          install
colord-data                                     install
console-setup                                   install
```

```
console-setup-linux                             install
coreutils                                       install
cpio                                            install
cpp                                             install
cpp-12                                          install
cron                                            install
cron-daemon-common                              install
cups                                            install
cups-browsed                                    install
cups-client                                     install
cups-common                                     install
cups-core-drivers                               install
cups-daemon                                     install
cups-filters                                    install
cups-filters-core-drivers                       install
cups-ipp-utils                                  install
cups-pk-helper                                  install
cups-ppdc                                       install
cups-server-common                              install
curl                                            install
dash                                            install
dbus                                            install
dbus-bin                                        install
dbus-daemon                                     install
dbus-session-bus-common                         install
dbus-system-bus-common                          install
dbus-user-session                               install
dbus-x11                                        install
dc                                              install
dconf-cli                                       install
dconf-gsettings-backend:armhf                   install
dconf-service                                   install
debconf                                         install
debconf-i18n                                    install
debconf-utils                                   install
debian-reference-common                         install
debian-reference-en                             install
debianutils                                     install
desktop-base                                    install
desktop-file-utils                              install
device-tree-compiler                            install
dictionaries-common                             install
```

```
diffutils                              install
dillo                                  install
dirmngr                                install
distro-info-data                       install
dmidecode                              install
dmsetup                                install
dns-root-data                          install
dnsmasq-base                           install
docutils-common                        install
dos2unix                               install
dosfstools                             install
dphys-swapfile                         install
dpkg                                   install
dpkg-dev                               install
e2fsprogs                              install
ed                                     install
eject                                  install
emacsen-common                         install
eom                                    install
eom-common                             install
ethtool                                install
evince                                 install
evince-common                          install
exfatprogs                             install
fake-hwclock                           install
fakeroot                               install
fbset                                  install
fdisk                                  install
ffmpeg                                 install
file                                   install
findutils                              install
fio                                    install
firefox                                install
firmware-atheros                       install
firmware-brcm80211                     install
firmware-libertas                      install
firmware-linux-free                    install
firmware-misc-nonfree                  install
firmware-realtek                       install
flashrom                               install
fontconfig                             install
fontconfig-config                      install
```

```
fonts-cantarell                          install
fonts-dejavu-core                        install
fonts-droid-fallback                     install
fonts-freefont-ttf                       install
fonts-liberation                         install
fonts-liberation2                        install
fonts-mathjax                            install
fonts-noto-mono                          install
fonts-piboto                             install
fonts-quicksand                          install
fonts-urw-base35                         install
fuse3                                    install
g++                                      install
g++-12                                   install
galculator                               install
gcc                                      install
gcc-10-base:armhf                        install
gcc-12                                   install
gcc-12-base:armhf                        install
gcc-7-base:armhf                         install
gcc-8-base:armhf                         install
gcc-9-base:armhf                         install
gcr                                      install
gdb                                      install
gdisk                                    install
geany                                    install
geany-common                             install
gettext-base                             install
ghostscript                              install
gir1.2-atk-1.0:armhf                     install
gir1.2-eom-1.0                           install
gir1.2-freedesktop:armhf                 install
gir1.2-gdkpixbuf-2.0:armhf               install
gir1.2-glib-2.0:armhf                    install
gir1.2-gmenu-3.0:armhf                   install
gir1.2-gtk-3.0:armhf                     install
gir1.2-handy-1:armhf                     install
gir1.2-harfbuzz-0.0:armhf                install
gir1.2-notify-0.7:armhf                  install
gir1.2-packagekitglib-1.0                install
gir1.2-pango-1.0:armhf                   install
gir1.2-polkit-1.0                        install
```

```
gir1.2-secret-1:armhf                  install
git                                    install
git-man                                install
gldriver-test                          install
glib-networking:armhf                  install
glib-networking-common                 install
glib-networking-services               install
gnome-desktop3-data                    install
gnome-icon-theme                       install
gnome-keyring                          install
gnome-menus                            install
gnome-themes-extra-data                install
gnupg                                  install
gnupg-l10n                             install
gnupg-utils                            install
gpg                                    install
gpg-agent                              install
gpg-wks-client                         install
gpg-wks-server                         install
gpgconf                                install
gpgsm                                  install
gpgv                                   install
gpiod                                  install
grep                                   install
grim                                   install
groff-base                             install
gsettings-desktop-schemas              install
gsfonts                                install
gstreamer1.0-alsa:armhf                install
gstreamer1.0-libav:armhf               install
gstreamer1.0-omx                       install
gstreamer1.0-plugins-bad:armhf         install
gstreamer1.0-plugins-base:armhf        install
gstreamer1.0-plugins-good:armhf        install
gstreamer1.0-x:armhf                   install
gtk-nop                                install
gtk-update-icon-cache                  install
gtk2-engines:armhf                     install
gtk2-engines-pixbuf:armhf              install
gtk2-engines-pixflat:armhf             install
gui-pkinst                             install
gui-updater                            install
```

```
gvfs:armhf                              install
gvfs-backends                           install
gvfs-common                             install
gvfs-daemons                            install
gvfs-fuse                               install
gvfs-libs:armhf                         install
gzip                                    install
hicolor-icon-theme                      install
hostname                                install
hplip                                   install
hplip-data                              install
htop                                    install
hunspell-en-gb                          install
hunspell-en-us                          install
hyphen-en-gb                            install
i2c-tools                               install
ibverbs-providers:armhf                 install
idle                                    install
idle-python3.11                         install
ifupdown                                install
imagemagick-6-common                    install
init                                    install
init-system-helpers                     install
initramfs-tools                         install
initramfs-tools-core                    install
install-info                            install
ipp-usb                                 install
iproute2                                install
iputils-ping                            install
isc-dhcp-client                         install
isc-dhcp-common                         install
iso-codes                               install
iw                                      install
javascript-common                       install
kanshi                                  install
kbd                                     install
keyboard-configuration                  install
keyutils                                install
klibc-utils                             install
kmod                                    install
kms++-utils                             install
labwc                                   install
```

```
labwc-prompt                            install
laptop-detect                           install
less                                    install
liba52-0.7.4:armhf                      install
libaa1:armhf                            install
libabsl20220623:armhf                   install
libaccountsservice0:armhf               install
libacl1:armhf                           install
libaio1:armhf                           install
libalgorithm-diff-perl                  install
libalgorithm-diff-xs-perl:armhf         install
libalgorithm-merge-perl                 install
libaml0:armhf                           install
libaom3:armhf                           install
libapparmor1:armhf                      install
libappstream4:armhf                     install
libapt-pkg6.0:armhf                     install
libarchive13:armhf                      install
libargon2-1:armhf                       install
libaribb24-0:armhf                      install
libasan8:armhf                          install
libasound2:armhf                        install
libasound2-data                         install
libasound2-plugins:armhf                install
libaspell15:armhf                       install
libass9:armhf                           install
libassuan0:armhf                        install
libasyncns0:armhf                       install
libatasmart4:armhf                      install
libatk-bridge2.0-0:armhf                install
libatk1.0-0:armhf                       install
libatkmm-1.6-1v5:armhf                  install
libatomic1:armhf                        install
libatopology2:armhf                     install
libatspi2.0-0:armhf                     install
libattr1:armhf                          install
libaudit-common                         install
libaudit1:armhf                         install
libavahi-client3:armhf                  install
libavahi-common-data:armhf              install
libavahi-common3:armhf                  install
libavahi-core7:armhf                    install
```

```
libavahi-glib1:armhf                             install
libavc1394-0:armhf                               install
libavcodec59:armhf                               install
libavdevice59:armhf                              install
libavfilter8:armhf                               install
libavformat59:armhf                              install
libavif15:armhf                                  install
libavutil57:armhf                                install
libayatana-ido3-0.4-0:armhf                      install
libayatana-indicator3-7:armhf                    install
libbabeltrace1:armhf                             install
libbasicusageenvironment1:armhf                  install
libbinutils:armhf                                install
libblas3:armhf                                   install
libblkid1:armhf                                  install
libblockdev-crypto2:armhf                        install
libblockdev-fs2:armhf                            install
libblockdev-loop2:armhf                          install
libblockdev-part-err2:armhf                      install
libblockdev-part2:armhf                          install
libblockdev-swap2:armhf                          install
libblockdev-utils2:armhf                         install
libblockdev2:armhf                               install
libbluetooth3:armhf                              install
libbluray2:armhf                                 install
libboost-filesystem1.74.0:armhf                  install
libboost-iostreams1.74.0:armhf                   install
libboost-log1.74.0                               install
libboost-program-options1.74.0:armhf             install
libboost-regex1.74.0:armhf                       install
libboost-thread1.74.0:armhf                      install
libbpf1:armhf                                    install
libbrotli1:armhf                                 install
libbs2b0:armhf                                   install
libbsd0:armhf                                    install
libbz2-1.0:armhf                                 install
libc++1-16:armhf                                 install
libc++abi1-16:armhf                              install
libc-bin                                         install
libc-dev-bin                                     install
libc-devtools                                    install
libc-l10n                                        install
```

```
libc6:armhf                        install
libc6-dbg:armhf                    install
libc6-dev:armhf                    install
libcaca0:armhf                     install
libcairo-gobject2:armhf            install
libcairo2:armhf                    install
libcairomm-1.0-1v5:armhf           install
libcamera-ipa:armhf                install
libcamera-tools                    install
libcamera0.3:armhf                 install
libcap-ng0:armhf                   install
libcap2:armhf                      install
libcap2-bin                        install
libcapstone4:armhf                 install
libcbor0.8:armhf                   install
libcc1-0:armhf                     install
libcddb2                           install
libcdio-cdda2:armhf                install
libcdio-paranoia2:armhf            install
libcdio19:armhf                    install
libcdparanoia0:armhf               install
libchromaprint1:armhf              install
libcjson1:armhf                    install
libcodec2-1.0:armhf                install
libcolord2:armhf                   install
libcolorhug2:armhf                 install
libcom-err2:armhf                  install
libconfig++9v5:armhf               install
libcrypt-dev:armhf                 install
libcrypt1:armhf                    install
libcryptsetup12:armhf              install
libctf-nobfd0:armhf                install
libctf0:armhf                      install
libcups2:armhf                     install
libcupsfilters1:armhf              install
libcupsimage2:armhf                install
libcurl3-gnutls:armhf              install
libcurl4:armhf                     install
libdaemon0:armhf                   install
libdatrie1:armhf                   install
libdav1d6:armhf                    install
libdb5.3:armhf                     install
```

```
libdbus-1-3:armhf                             install
libdbus-glib-1-2:armhf                        install
libdbusmenu-glib4:armhf                       install
libdbusmenu-gtk3-4:armhf                      install
libdc1394-25:armhf                            install
libdca0:armhf                                 install
libdconf1:armhf                               install
libde265-0:armhf                              install
libdebconfclient0:armhf                       install
libdebuginfod-common                          install
libdebuginfod1:armhf                          install
libdecor-0-0:armhf                            install
libdecor-0-plugin-1-cairo:armhf               install
libdeflate0:armhf                             install
libdevmapper1.02.1:armhf                      install
libdirectfb-1.7-7:armhf                       install
libdisplay-info1:armhf                        install
libdjvulibre-text                             install
libdjvulibre21:armhf                          install
libdouble-conversion3:armhf                   install
libdpkg-perl                                  install
libdrm-amdgpu1:armhf                          install
libdrm-common                                 install
libdrm-nouveau2:armhf                         install
libdrm-omap1:armhf                            install
libdrm-radeon1:armhf                          install
libdrm2:armhf                                 install
libduktape207:armhf                           install
libdv4:armhf                                  install
libdvbpsi10:armhf                             install
libdvdnav4:armhf                              install
libdvdread8:armhf                             install
libdw1:armhf                                  install
libebml5:armhf                                install
libedit2:armhf                                install
libegl-dev:armhf                              install
libegl-mesa0:armhf                            install
libegl1:armhf                                 install
libelf1:armhf                                 install
libenchant-2-2:armhf                          install
libepoxy0:armhf                               install
liberror-perl                                 install
```

```
libevdev2:armhf                           install
libevdocument3-4:armhf                     install
libevent-2.1-7:armhf                       install
libevent-core-2.1-7:armhf                  install
libevent-pthreads-2.1-7:armhf              install
libevview3-3:armhf                         install
libexempi8:armhf                           install
libexif12:armhf                            install
libexpat1:armhf                            install
libexpat1-dev:armhf                        install
libext2fs2:armhf                           install
libfaad2:armhf                             install
libfakeroot:armhf                          install
libfdisk1:armhf                            install
libfdt1:armhf                              install
libffado2:armhf                            install
libffi8:armhf                              install
libfftw3-double3:armhf                     install
libfftw3-single3:armhf                     install
libfido2-1:armhf                           install
libfile-fcntllock-perl                     install
libflac12:armhf                            install
libflite1:armhf                            install
libfltk1.3:armhf                           install
libfluidsynth3:armhf                       install
libfm-data                                 install
libfm-extra4:armhf                         install
libfm-gtk-data                             install
libfm-gtk4:armhf                           install
libfm-modules:armhf                        install
libfm4:armhf                               install
libfmt9:armhf                              install
libfontconfig1:armhf                       install
libfontembed1:armhf                        install
libfontenc1:armhf                          install
libfreeaptx0:armhf                         install
libfreetype6:armhf                         install
libfribidi0:armhf                          install
libftdi1-2:armhf                           install
libfuse3-3:armhf                           install
libgav1-1:armhf                            install
libgbm1:armhf                              install
```

```
libgcc-12-dev:armhf                      install
libgcc-s1:armhf                          install
libgck-1-0:armhf                         install
libgcr-base-3-1:armhf                    install
libgcr-ui-3-1:armhf                      install
libgcrypt20:armhf                        install
libgd3:armhf                             install
libgdata-common                          install
libgdata22:armhf                         install
libgdbm-compat4:armhf                    install
libgdbm6:armhf                           install
libgdk-pixbuf-2.0-0:armhf                install
libgdk-pixbuf-xlib-2.0-0:armhf           install
libgdk-pixbuf2.0-0:armhf                 install
libgdk-pixbuf2.0-common                  install
libgfapi0:armhf                          install
libgfortran5:armhf                       install
libgfrpc0:armhf                          install
libgfxdr0:armhf                          install
libgif7:armhf                            install
libgirepository-1.0-1:armhf              install
libgl-dev:armhf                          install
libgl1:armhf                             install
libgl1-mesa-dev:armhf                    install
libgl1-mesa-dri:armhf                    install
libglapi-mesa:armhf                      install
libgles-dev:armhf                        install
libgles1:armhf                           install
libgles2:armhf                           install
libgles2-mesa:armhf                      install
libglib2.0-0:armhf                       install
libglib2.0-bin                           install
libglib2.0-data                          install
libglibmm-2.4-1v5:armhf                  install
libglu1-mesa:armhf                       install
libglu1-mesa-dev:armhf                   install
libglusterfs0:armhf                      install
libglut-dev:armhf                        install
libglut3.12:armhf                        install
libglvnd-core-dev:armhf                  install
libglvnd-dev:armhf                       install
libglvnd0:armhf                          install
```

```
libglx-dev:armhf                         install
libglx-mesa0:armhf                       install
libglx0:armhf                            install
libgme0:armhf                            install
libgmp10:armhf                           install
libgnome-desktop-3-20:armhf              install
libgnome-menu-3-0:armhf                  install
libgnutls30:armhf                        install
libgoa-1.0-0b:armhf                      install
libgoa-1.0-common                        install
libgomp1:armhf                           install
libgpg-error0:armhf                      install
libgpgme11:armhf                         install
libgphoto2-6:armhf                       install
libgphoto2-port12:armhf                  install
libgpiod2:armhf                          install
libgpm2:armhf                            install
libgraphite2-3:armhf                     install
libgroupsock8:armhf                      install
libgs-common                             install
libgs10:armhf                            install
libgs10-common                           install
libgsm1:armhf                            install
libgspell-1-2:armhf                      install
libgspell-1-common                       install
libgssapi-krb5-2:armhf                   install
libgssdp-1.6-0:armhf                     install
libgstreamer-gl1.0-0:armhf               install
libgstreamer-plugins-bad1.0-0:armhf      install
libgstreamer-plugins-base1.0-0:armhf     install
libgstreamer1.0-0:armhf                  install
libgtk-3-0:armhf                         install
libgtk-3-common                          install
libgtk-layer-shell0                      install
libgtk2.0-0:armhf                        install
libgtk2.0-bin                            install
libgtk2.0-common                         install
libgtkmm-3.0-1v5:armhf                   install
libgtksourceview-4-0:armhf               install
libgtksourceview-4-common                install
libgudev-1.0-0:armhf                     install
libgupnp-1.6-0:armhf                     install
```

```
libgupnp-igd-1.0-4:armhf            install
libgusb2:armhf                      install
libgxps2:armhf                      install
libhandy-1-0:armhf                  install
libharfbuzz-icu0:armhf              install
libharfbuzz-subset0:armhf           install
libharfbuzz0b:armhf                 install
libheif1:armhf                      install
libhidapi-hidraw0:armhf             install
libhogweed6:armhf                   install
libhpmud0:armhf                     install
libhunspell-1.7-0:armhf             install
libhwloc-plugins:armhf              install
libhwloc15:armhf                    install
libhwy1:armhf                       install
libhyphen0:armhf                    install
libi2c0:armhf                       install
libibverbs1:armhf                   install
libice-dev:armhf                    install
libice6:armhf                       install
libicu72:armhf                      install
libid3tag0:armhf                    install
libidn12:armhf                      install
libidn2-0:armhf                     install
libiec61883-0:armhf                 install
libieee1284-3:armhf                 install
libijs-0.35:armhf                   install
libimagequant0:armhf                install
libimath-3-1-29:armhf               install
libimlib2:armhf                     install
libimobiledevice6:armhf             install
libinih1:armhf                      install
libinput-bin                        install
libinput-tools                      install
libinput10:armhf                    install
libinstpatch-1.0-2:armhf            install
libip4tc2:armhf                     install
libisl23:armhf                      install
libiw30:armhf                       install
libixml10:armhf                     install
libjack-jackd2-0:armhf              install
libjansson4:armhf                   install
```

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libjavascriptcoregtk-4.1-0:armhf          install
libjaylink0:armhf                         install
libjbig0:armhf                            install
libjbig2dec0:armhf                        install
libjim0.81:armhf                          install
libjpeg-dev:armhf                         install
libjpeg62-turbo:armhf                     install
libjpeg62-turbo-dev:armhf                 install
libjs-jquery                              install
libjs-mathjax                             install
libjs-sphinxdoc                           install
libjs-underscore                          install
libjson-c5:armhf                          install
libjson-glib-1.0-0:armhf                  install
libjson-glib-1.0-common                   install
libjxl0.7:armhf                           install
libjxr-tools                              install
libjxr0:armhf                             install
libk5crypto3:armhf                        install
libkate1:armhf                            install
libkeybinder-3.0-0:armhf                  install
libkeyutils1:armhf                        install
libklibc:armhf                            install
libkmod2:armhf                            install
libkms++0:armhf                           install
libkpathsea6:armhf                        install
libkrb5-3:armhf                           install
libkrb5support0:armhf                     install
libksba8:armhf                            install
liblapack3:armhf                          install
liblc3-0:armhf                            install
liblcms2-2:armhf                          install
libldacbt-abr2:armhf                      install
libldacbt-enc2:armhf                      install
libldap-2.5-0:armhf                       install
libldb2:armhf                             install
liblerc4:armhf                            install
liblgpio1:armhf                           install
libliftoff-rpi:armhf                      install
libliftoff0:armhf                         install
liblightdm-gobject-1-0:armhf              install
liblilv-0-0:armhf                         install
```

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liblirc-client0:armhf                          install
liblivemedia77:armhf                           install
libllvm15:armhf                                install
liblocale-gettext-perl                         install
liblouis-data                                  install
liblouis20:armhf                               install
liblouisutdml-bin                              install
liblouisutdml-data                             install
liblouisutdml9:armhf                           install
liblqr-1-0:armhf                               install
liblrdf0:armhf                                 install
libltc11:armhf                                 install
libltdl7:armhf                                 install
liblttng-ust-common1:armhf                     install
liblttng-ust-ctl5:armhf                        install
liblttng-ust1:armhf                            install
liblua5.2-0:armhf                              install
liblua5.3-0:armhf                              install
libluajit-5.1-2:armhf                          install
libluajit-5.1-common                           install
liblz4-1:armhf                                 install
liblzma5:armhf                                 install
liblzo2-2:armhf                                install
libmad0:armhf                                  install
libmagic-mgc                                   install
libmagic1:armhf                                install
libmagickcore-6.q16-6:armhf                    install
libmagickcore-6.q16-6-extra:armhf              install
libmagickwand-6.q16-6:armhf                    install
libmanette-0.2-0:armhf                         install
libmate-desktop-2-17:armhf                     install
libmatroska7:armhf                             install
libmbedcrypto7:armhf                           install
libmbim-glib4:armhf                            install
libmbim-proxy                                  install
libmbim-utils                                  install
libmd0:armhf                                   install
libmd4c0:armhf                                 install
libmenu-cache-bin                              install
libmenu-cache3:armhf                           install
libminizip1:armhf                              install
libmjpegutils-2.1-0:armhf                      install
```

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libmm-glib0:armhf                       install
libmnl0:armhf                           install
libmodplug1:armhf                       install
libmount1:armhf                         install
libmousepad0:armhf                      install
libmp3lame0:armhf                       install
libmpc3:armhf                           install
libmpcdec6:armhf                        install
libmpeg2-4:armhf                        install
libmpeg2encpp-2.1-0:armhf               install
libmpfr6:armhf                          install
libmpg123-0:armhf                       install
libmplex2-2.1-0:armhf                   install
libmtdev1:armhf                         install
libmtp-common                           install
libmtp-runtime                          install
libmtp9:armhf                           install
libmysofa1:armhf                        install
libnbd0                                 install
libncurses6:armhf                       install
libncursesw6:armhf                      install
libndp0:armhf                           install
libneatvnc0:armhf                       install
libneon27:armhf                         install
libnetfilter-conntrack3:armhf           install
libnettle8:armhf                        install
libnewt0.52:armhf                       install
libnfnetlink0:armhf                     install
libnfs13:armhf                          install
libnfsidmap1:armhf                      install
libnftables1:armhf                      install
libnftnl11:armhf                        install
libnghttp2-14:armhf                     install
libnice10:armhf                         install
libnl-3-200:armhf                       install
libnl-genl-3-200:armhf                  install
libnl-route-3-200:armhf                 install
libnm0:armhf                            install
libnma-common                           install
libnma0:armhf                           install
libnorm1:armhf                          install
libnotify4:armhf                        install
```

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libnpth0:armhf                          install
libnsl-dev:armhf                        install
libnsl2:armhf                           install
libnspr4:armhf                          install
libnss-mdns:armhf                       install
libnss3:armhf                           install
libntfs-3g89:armhf                      install
libnuma1:armhf                          install
libobrender32v5                         install
libobt2v5                               install
libogg0:armhf                           install
libopenal-data                          install
libopenal1:armhf                        install
libopencv-calib3d406:armhf              install
libopencv-core406:armhf                 install
libopencv-dnn406:armhf                  install
libopencv-features2d406:armhf           install
libopencv-flann406:armhf                install
libopencv-imgproc406:armhf              install
libopencv-objdetect406:armhf            install
libopenexr-3-1-30:armhf                 install
libopengl-dev:armhf                     install
libopengl0:armhf                        install
libopenh264-7:armhf                     install
libopenjp2-7:armhf                      install
libopenmpt-modplug1:armhf               install
libopenmpt0:armhf                       install
libopenni2-0:armhf                      install
libopus0:armhf                          install
libopusfile0:armhf                      install
liborc-0.4-0:armhf                      install
libossp-uuid16:armhf                    install
libp11-kit0:armhf                       install
libpackagekit-glib2-18:armhf            install
libpam-chksshpwd:armhf                  install
libpam-modules:armhf                    install
libpam-modules-bin                      install
libpam-runtime                          install
libpam-systemd:armhf                    install
libpam0g:armhf                          install
libpango-1.0-0:armhf                    install
libpangocairo-1.0-0:armhf               install
```

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libpangoft2-1.0-0:armhf                        install
libpangomm-1.4-1v5:armhf                       install
libpangoxft-1.0-0:armhf                        install
libpaper-utils                                 install
libpaper1:armhf                                install
libparted-fs-resize0:armhf                     install
libparted2:armhf                               install
libpcap0.8:armhf                               install
libpci3:armhf                                  install
libpciaccess0:armhf                            install
libpcre2-16-0:armhf                            install
libpcre2-8-0:armhf                             install
libpcsclite1:armhf                             install
libpeas-1.0-0:armhf                            install
libpeas-common                                 install
libperl5.36:armhf                              install
libpgm-5.3-0:armhf                             install
libpigpio-dev                                  install
libpigpio1                                     install
libpigpiod-if-dev                              install
libpigpiod-if1                                 install
libpigpiod-if2-1                               install
libpipeline1:armhf                             install
libpipewire-0.3-0:armhf                        install
libpipewire-0.3-common                         install
libpipewire-0.3-modules:armhf                  install
libpisp-common                                 install
libpisp1:armhf                                 install
libpixman-1-0:armhf                            install
libpkgconf3:armhf                              install
libplacebo208:armhf                            install
libplist3:armhf                                install
libplymouth5:armhf                             install
libpng16-16:armhf                              install
libpocketsphinx3:armhf                         install
libpolkit-agent-1-0:armhf                      install
libpolkit-gobject-1-0:armhf                    install
libpoppler-cpp0v5:armhf                        install
libpoppler-glib8:armhf                         install
libpoppler126:armhf                            install
libpopt0:armhf                                 install
libportmidi0:armhf                             install
```

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libpostproc56:armhf                         install
libproc2-0:armhf                            install
libprotobuf-lite32:armhf                    install
libprotobuf32:armhf                         install
libproxy-tools                              install
libproxy1v5:armhf                           install
libpsl5:armhf                               install
libpthread-stubs0-dev:armhf                 install
libpugixml1v5:armhf                         install
libpulse0:armhf                             install
libpulsedsp:armhf                           install
libpython3-dev:armhf                        install
libpython3-stdlib:armhf                     install
libpython3.11:armhf                         install
libpython3.11-dev:armhf                     install
libpython3.11-minimal:armhf                 install
libpython3.11-stdlib:armhf                  install
libqmi-glib5:armhf                          install
libqmi-proxy                                install
libqmi-utils                                install
libqpdf29:armhf                             install
libqrencode4:armhf                          install
libqrtr-glib0:armhf                         install
libqt5core5a:armhf                          install
libqt5dbus5:armhf                           install
libqt5designer5:armhf                       install
libqt5gui5:armhf                            install
libqt5help5:armhf                           install
libqt5network5:armhf                        install
libqt5printsupport5:armhf                   install
libqt5qml5:armhf                            install
libqt5qmlmodels5:armhf                      install
libqt5qmlworkerscript5:armhf                install
libqt5quick5:armhf                          install
libqt5quickcontrols2-5:armhf                install
libqt5quicktemplates2-5:armhf               install
libqt5sql5:armhf                            install
libqt5sql5-sqlite:armhf                     install
libqt5svg5:armhf                            install
libqt5test5:armhf                           install
libqt5waylandclient5:armhf                  install
libqt5waylandcompositor5:armhf              install
```

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libqt5widgets5:armhf                    install
libqt5x11extras5:armhf                  install
libqt5xml5:armhf                        install
librabbitmq4:armhf                      install
librados2                               install
libraptor2-0:armhf                      install
libraqm0:armhf                          install
librav1e0:armhf                         install
libraw1394-11:armhf                     install
librbd1                                 install
librdmacm1:armhf                        install
libreadline6:armhf                      install
libreadline8:armhf                      install
libresid-builder0c2a                    install
librist4:armhf                          install
librsvg2-2:armhf                        install
librsvg2-common:armhf                   install
librtimulib-dev                         install
librtimulib-utils                       install
librtimulib7                            install
librtmp1:armhf                          install
librubberband2:armhf                    install
libsamplerate0:armhf                    install
libsane-common                          install
libsane-hpaio:armhf                     install
libsane1:armhf                          install
libsasl2-2:armhf                        install
libsasl2-modules-db:armhf               install
libsbc1:armhf                           install
libsdl-image1.2:armhf                   install
libsdl1.2debian:armhf                   install
libsdl2-2.0-0:armhf                     install
libsdl2-image-2.0-0:armhf               install
libsdl2-mixer-2.0-0:armhf               install
libsdl2-ttf-2.0-0:armhf                 install
libseat1:armhf                          install
libseccomp2:armhf                       install
libsecret-1-0:armhf                     install
libsecret-common                        install
libselinux1:armhf                       install
libsemanage-common                      install
libsemanage2:armhf                      install
```

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libsensors-config                          install
libsensors5:armhf                          install
libsepol2:armhf                            install
libserd-0-0:armhf                          install
libshine3:armhf                            install
libshout3:armhf                            install
libsidplay2                                install
libsigc++-1.2-5c2                          install
libsigc++-2.0-0v5:armhf                    install
libslang2:armhf                            install
libsm-dev:armhf                            install
libsm6:armhf                               install
libsmartcols1:armhf                        install
libsmbclient:armhf                         install
libsnappy1v5:armhf                         install
libsndfile1:armhf                          install
libsndio7.0:armhf                          install
libsnmp-base                               install
libsnmp40:armhf                            install
libsodium23:armhf                          install
libsord-0-0:armhf                          install
libsoundtouch1:armhf                       install
libsoup-3.0-0:armhf                        install
libsoup-3.0-common                         install
libsoup2.4-1:armhf                         install
libsoup2.4-common                          install
libsource-highlight-common                 install
libsource-highlight4v5:armhf               install
libsoxr0:armhf                             install
libspa-0.2-bluetooth:armhf                 install
libspa-0.2-libcamera:armhf                 install
libspa-0.2-modules:armhf                   install
libspandsp2:armhf                          install
libspatialaudio0:armhf                     install
libspectre1:armhf                          install
libspeex1:armhf                            install
libspeexdsp1:armhf                         install
libsphinxbase3:armhf                       install
libsqlite3-0:armhf                         install
libsratom-0-0:armhf                        install
libsrt1.5-gnutls:armhf                     install
libsrtp2-1:armhf                           install
```

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libss2:armhf                        install
libssh-gcrypt-4:armhf               install
libssh2-1:armhf                     install
libssl3:armhf                       install
libstartup-notification0:armhf      install
libstdc++-12-dev:armhf              install
libstdc++6:armhf                    install
libstemmer0d:armhf                  install
libsvtav1enc1:armhf                 install
libswresample4:armhf                install
libswscale6:armhf                   install
libsynctex2:armhf                   install
libsystemd-shared:armhf             install
libsystemd0:armhf                   install
libtag1v5:armhf                     install
libtag1v5-vanilla:armhf             install
libtalloc2:armhf                    install
libtasn1-6:armhf                    install
libtbb12:armhf                      install
libtbbbind-2-5:armhf                install
libtbbmalloc2:armhf                 install
libtcl8.6:armhf                     install
libtdb1:armhf                       install
libteamdctl0:armhf                  install
libtevent0:armhf                    install
libtext-charwidth-perl:armhf        install
libtext-iconv-perl:armhf            install
libtext-wrapi18n-perl               install
libthai-data                        install
libthai0:armhf                      install
libtheora0:armhf                    install
libtiff6:armhf                      install
libtinfo5:armhf                     install
libtinfo6:armhf                     install
libtirpc-common                     install
libtirpc-dev:armhf                  install
libtirpc3:armhf                     install
libtk8.6:armhf                      install
libturbojpeg0:armhf                 install
libtwolame0:armhf                   install
libubsan1:armhf                     install
libuchardet0:armhf                  install
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libudev1:armhf                        install
libudfread0:armhf                     install
libudisks2-0:armhf                    install
libunistring2:armhf                   install
libunwind-16:armhf                    install
libunwind8:armhf                      install
libupnp13:armhf                       install
libupower-glib3:armhf                 install
libusageenvironment3:armhf            install
libusb-1.0-0:armhf                    install
libusbmuxd6:armhf                     install
libuuid1:armhf                        install
libv4l-0:armhf                        install
libv4l2rds0:armhf                     install
libv4lconvert0:armhf                  install
libva-drm2:armhf                      install
libva-x11-2:armhf                     install
libva2:armhf                          install
libvdpau-va-gl1:armhf                 install
libvdpau1:armhf                       install
libvidstab1.1:armhf                   install
libvisual-0.4-0:armhf                 install
libvlc-bin:armhf                      install
libvlc5:armhf                         install
libvlccore9:armhf                     install
libvncclient1:armhf                   install
libvo-aacenc0:armhf                   install
libvo-amrwbenc0:armhf                 install
libvolume-key1:armhf                  install
libvorbis0a:armhf                     install
libvorbisenc2:armhf                   install
libvorbisfile3:armhf                  install
libvpx7:armhf                         install
libvte-2.91-0:armhf                   install
libvte-2.91-common                    install
libvulkan1:armhf                      install
libwacom-common                       install
libwacom9:armhf                       install
libwavpack1:armhf                     install
libwayland-client0:armhf              install
libwayland-cursor0:armhf              install
libwayland-egl1:armhf                 install
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libwayland-server0:armhf                        install
libwbclient0:armhf                              install
libwebkit2gtk-4.1-0:armhf                       install
libwebp7:armhf                                  install
libwebpdemux2:armhf                             install
libwebpmux3:armhf                               install
libwebrtc-audio-processing1:armhf               install
libwf-config1:armhf                             install
libwf-utils0:armhf                              install
libwidevinecdm0                                 install
libwildmidi2:armhf                              install
libwireplumber-0.4-0:armhf                      install
libwlroots-0.18:armhf                           install
libwlroots11:armhf                              install
libwmflite-0.2-7:armhf                          install
libwnck-3-0:armhf                               install
libwnck-3-common                                install
libwoff1:armhf                                  install
libwpe-1.0-1:armhf                              install
libwpebackend-fdo-1.0-1:armhf                   install
libwrap0:armhf                                  install
libx11-6:armhf                                  install
libx11-data                                     install
libx11-dev:armhf                                install
libx11-xcb1:armhf                               install
libx264-164:armhf                               install
libx265-199:armhf                               install
libxau-dev:armhf                                install
libxau6:armhf                                   install
libxaw7:armhf                                   install
libxcb-composite0:armhf                         install
libxcb-dri2-0:armhf                             install
libxcb-dri3-0:armhf                             install
libxcb-errors0:armhf                            install
libxcb-ewmh2:armhf                              install
libxcb-glx0:armhf                               install
libxcb-icccm4:armhf                             install
libxcb-image0:armhf                             install
libxcb-keysyms1:armhf                           install
libxcb-present0:armhf                           install
libxcb-randr0:armhf                             install
libxcb-render-util0:armhf                       install
```

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libxcb-render0:armhf                          install
libxcb-res0:armhf                             install
libxcb-shape0:armhf                           install
libxcb-shm0:armhf                             install
libxcb-sync1:armhf                            install
libxcb-util1:armhf                            install
libxcb-xfixes0:armhf                          install
libxcb-xinerama0:armhf                        install
libxcb-xinput0:armhf                          install
libxcb-xkb1:armhf                             install
libxcb-xv0:armhf                              install
libxcb1:armhf                                 install
libxcb1-dev:armhf                             install
libxcomposite1:armhf                          install
libxcursor1:armhf                             install
libxcvt0:armhf                                install
libxdamage1:armhf                             install
libxdmcp-dev:armhf                            install
libxdmcp6:armhf                               install
libxext-dev:armhf                             install
libxext6:armhf                                install
libxfixes3:armhf                              install
libxfont2:armhf                               install
libxft2:armhf                                 install
libxi6:armhf                                  install
libxinerama1:armhf                            install
libxkbcommon-x11-0:armhf                      install
libxkbcommon0:armhf                           install
libxkbfile1:armhf                             install
libxkbregistry0:armhf                         install
libxklavier16:armhf                           install
libxml++2.6-2v5:armhf                         install
libxml2:armhf                                 install
libxmlb2:armhf                                install
libxmu6:armhf                                 install
libxmuu1:armhf                                install
libxnvctrl0:armhf                             install
libxpm4:armhf                                 install
libxrandr2:armhf                              install
libxrender1:armhf                             install
libxres1:armhf                                install
libxshmfence1:armhf                           install
```

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libxslt1.1:armhf                            install
libxss1:armhf                               install
libxt-dev:armhf                             install
libxt6:armhf                                install
libxtables12:armhf                          install
libxtst6:armhf                              install
libxv1:armhf                                install
libxvidcore4:armhf                          install
libxxf86vm1:armhf                           install
libxxhash0:armhf                            install
libyajl2:armhf                              install
libyaml-0-2:armhf                           install
libyuv0:armhf                               install
libz3-4:armhf                               install
libzbar0:armhf                              install
libzimg2:armhf                              install
libzmq5:armhf                               install
libzstd1:armhf                              install
libzvbi-common                              install
libzvbi0:armhf                              install
libzxing2:armhf                             install
lightdm                                     install
lightdm-gtk-greeter                         install
linux-base                                  install
linux-headers-6.6.51+rpt-common-rpi         install
linux-headers-6.6.51+rpt-rpi-v6             install
linux-headers-6.6.51+rpt-rpi-v7             install
linux-headers-6.6.51+rpt-rpi-v7l            install
linux-headers-6.6.62+rpt-common-rpi         install
linux-headers-6.6.62+rpt-rpi-v6             install
linux-headers-6.6.62+rpt-rpi-v7             install
linux-headers-6.6.62+rpt-rpi-v7l            install
linux-headers-rpi-v6                        install
linux-headers-rpi-v7                        install
linux-headers-rpi-v7l                       install
linux-image-6.6.31+rpt-rpi-v6               deinstall
linux-image-6.6.31+rpt-rpi-v7               deinstall
linux-image-6.6.31+rpt-rpi-v7l              deinstall
linux-image-6.6.31+rpt-rpi-v8:arm64         deinstall
linux-image-6.6.51+rpt-rpi-v6               install
linux-image-6.6.51+rpt-rpi-v7               install
linux-image-6.6.51+rpt-rpi-v7l              install
```

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linux-image-6.6.51+rpt-rpi-v8:arm64          install
linux-image-6.6.62+rpt-rpi-v6                install
linux-image-6.6.62+rpt-rpi-v7                install
linux-image-6.6.62+rpt-rpi-v7l               install
linux-image-6.6.62+rpt-rpi-v8:arm64          install
linux-image-rpi-v6                           install
linux-image-rpi-v7                           install
linux-image-rpi-v7l                          install
linux-image-rpi-v8:arm64                     install
linux-kbuild-6.6.51+rpt                      install
linux-kbuild-6.6.62+rpt                      install
linux-libc-dev                               install
locales                                      install
login                                        install
logrotate                                    install
logsave                                      install
lp-connection-editor                         install
lsb-base                                     install
lsb-release                                  install
lsof                                         install
lua5.1                                       install
luajit                                       install
lxappearance                                 install
lxappearance-obconf                          install
lxde                                         install
lxde-common                                  install
lxde-core                                    install
lxde-icon-theme                              install
lxhotkey-core                                install
lxhotkey-gtk                                 install
lxmenu-data                                  install
lxpanel                                      install
lxpanel-data                                 install
lxplug-bluetooth                             install
lxplug-cputemp                               install
lxplug-ejecter                               install
lxplug-magnifier                             install
lxplug-menu                                  install
lxplug-netman                                install
lxplug-network                               install
lxplug-ptbatt                                install
lxplug-updater                               install
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lxplug-volumepulse                      install
lxpolkit                                install
lxrandr                                 install
lxsession                               install
lxsession-data                          install
lxsession-edit                          install
lxsession-logout                        install
lxtask                                  install
lxterminal                              install
lynx                                    install
lynx-common                             install
mailcap                                 install
make                                    install
man-db                                  install
manpages                                install
manpages-dev                            install
mate-desktop-common                     install
mate-polkit                             install
mate-polkit-bin                         install
mate-polkit-common                      install
mawk                                    install
media-types                             install
menu-xdg                                install
mesa-vdpau-drivers:armhf                install
mesa-vulkan-drivers:armhf               install
meson                                   install
mime-support                            install
mkvtoolnix                              install
modemmanager                            install
mount                                   install
mousepad                                install
mypy                                    install
nano                                    install
ncdu                                    install
ncurses-base                            install
ncurses-bin                             install
ncurses-term                            install
net-tools                               install
netbase                                 install
netcat-openbsd                          install
network-manager                         install
nfs-common                              install
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nftables                               install
ninja-build                            install
notification-daemon                    install
ntfs-3g                                install
obconf                                 install
ocl-icd-libopencl1:armhf               install
openbox                                install
openbox-lxde-session                   install
openocd                                install
openssh-client                         install
openssh-server                         install
openssh-sftp-server                    install
openssl                                install
p11-kit                                install
p11-kit-modules:armhf                  install
p7zip                                  install
p7zip-full                             install
packagekit                             install
parted                                 install
passwd                                 install
pastebinit                             install
patch                                  install
paxctld                                install
pci.ids                                install
pciutils                               install
pcmanfm                                install
perl                                   install
perl-base                              install
perl-modules-5.36                      install
pi-bluetooth                           install
pi-greeter                             install
pi-language-support                    install
pi-package                             install
pi-package-data                        install
pi-package-session                     install
pi-printer-support                     install
piclone                                install
pigpio                                 install
pigpio-tools                           install
pigpiod                                install
pinentry-curses                        install
pinentry-gnome3                        install
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pipanel                                  install
pipewire:armhf                           install
pipewire-bin                             install
pipewire-libcamera                       install
pipewire-pulse                           install
pishutdown                               install
piwiz                                    install
pixflat-icons                            install
pixflat-theme                            install
pkexec                                   install
pkg-config:armhf                         install
pkgconf:armhf                            install
pkgconf-bin                              install
plymouth                                 install
plymouth-label                           install
plymouth-themes                          install
pocketsphinx-en-us                       install
policykit-1                              install
polkitd                                  install
polkitd-pkla                             install
poppler-data                             install
poppler-utils                            install
ppp                                      install
pprompt                                  install
printer-driver-escpr                     install
printer-driver-hpcups                    install
printer-driver-postscript-hp             install
procps                                   install
psmisc                                   install
publicsuffix                             install
pulseaudio                               install
pulseaudio-module-bluetooth              install
pulseaudio-utils                         install
pylint                                   install
python-apt-common                        install
python-babel-localedata                  install
python-is-python3                        install
python3                                  install
python3-apt                              install
python3-asgiref                          install
python3-astroid                          install
python3-asttokens                        install
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python3-attr                          install
python3-av                            install
python3-babel                         install
python3-blinker                       install
python3-bs4                           install
python3-cairo:armhf                   install
python3-certifi                       install
python3-cffi-backend:armhf            install
python3-chardet                       install
python3-charset-normalizer            install
python3-click                         install
python3-colorama                      install
python3-colorzero                     install
python3-cryptography                  install
python3-cups:armhf                    install
python3-cupshelpers                   install
python3-dbus                          install
python3-debconf                       install
python3-dev                           install
python3-dill                          install
python3-distro                        install
python3-distutils                     install
python3-docutils                      install
python3-dotenv                        install
python3-flask                         install
python3-gi                            install
python3-gpiozero                      install
python3-html5lib                      install
python3-idna                          install
python3-importlib-metadata            install
python3-isort                         install
python3-itsdangerous                  install
python3-jedi                          install
python3-jinja2                        install
python3-json-pointer                  install
python3-jsonschema                    install
python3-jwt                           install
python3-kms++                         install
python3-lazy-object-proxy             install
python3-lgpio                         install
python3-lib2to3                       install
python3-libarchive-c                  install
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python3-libcamera:armhf                    install
python3-libevdev                           install
python3-libgpiod:armhf                     install
python3-logilab-common                     install
python3-lxml:armhf                         install
python3-markupsafe                         install
python3-mccabe                             install
python3-minimal                            install
python3-more-itertools                     install
python3-mypy                               install
python3-mypy-extensions                    install
python3-numpy                              install
python3-oauthlib                           install
python3-olefile                            install
python3-opengl                             install
python3-openssl                            install
python3-parso                              install
python3-pexpect                            install
python3-pgzero                             install
python3-picamera2                          install
python3-pidng                              install
python3-piexif                             install
python3-pigpio                             install
python3-pil:armhf                          install
python3-pip                                install
python3-pip-whl                            install
python3-pkg-resources                      install
python3-platformdirs                       install
python3-prctl                              install
python3-psutil                             install
python3-ptyprocess                         install
python3-pycryptodome                       install
python3-pygame                             install
python3-pygments                           install
python3-pyinotify                          install
python3-pyqt5                              install
python3-pyqt5.sip                          install
python3-pyrsistent:armhf                   install
python3-pyudev                             install
python3-renderpm:armhf                     install
python3-reportlab                          install
python3-reportlab-accel:armhf              install
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python3-requests                        install
python3-requests-oauthlib               install
python3-responses                       install
python3-rfc3987                         install
python3-roman                           install
python3-rpi.gpio                        install
python3-rtimulib                        install
python3-send2trash                      install
python3-sense-hat                       install
python3-serial                          install
python3-setuptools                      install
python3-setuptools-whl                  install
python3-simplejpeg                      install
python3-simplejson                      install
python3-six                             install
python3-smbc                            install
python3-smbus:armhf                     install
python3-smbus2                          install
python3-soupsieve                       install
python3-spidev                          install
python3-tk:armhf                        install
python3-toml                            install
python3-tomlkit                         install
python3-tqdm                            install
python3-twython                         install
python3-typeshed                        install
python3-typing-extensions               install
python3-tz                              install
python3-uritemplate                     install
python3-urllib3                         install
python3-v4l2                            install
python3-venv                            install
python3-webcolors                       install
python3-webencodings                    install
python3-werkzeug                        install
python3-wheel                           install
python3-wrapt                           install
python3-zipp                            install
python3.11                              install
python3.11-dev                          install
python3.11-minimal                      install
python3.11-venv                         install
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qml-module-qtgraphicaleffects:armhf        install
qml-module-qtquick-controls2:armhf         install
qml-module-qtquick-layouts:armhf           install
qml-module-qtquick-templates2:armhf        install
qml-module-qtquick-window2:armhf           install
qml-module-qtquick2:armhf                  install
qt5-gtk-platformtheme:armhf                install
qt5-gtk2-platformtheme:armhf               install
qt5-style-plugin-cleanlooks:armhf          install
qt5-style-plugin-motif:armhf               install
qt5-style-plugin-plastique:armhf           install
qt5-style-plugins:armhf                    install
qt5ct                                      install
qtwayland5:armhf                           install
raindrop                                   install
raspberrypi-archive-keyring                install
raspberrypi-net-mods                       install
raspberrypi-sys-mods                       install
raspberrypi-ui-mods                        install
raspbian-archive-keyring                   install
raspi-config                               install
raspi-copies-and-fills                     install
raspi-firmware                             install
raspi-gpio                                 install
raspi-utils                                install
raspi-utils-core                           install
raspi-utils-dt                             install
raspi-utils-eeprom                         install
raspi-utils-otp                            install
raspinfo                                   install
rasputin                                   install
rc-gui                                     install
rclone                                     install
read-edid                                  install
readline-common                            install
realvnc-vnc-server                         install
rfkill                                     install
rp-bookshelf                               install
rp-prefapps                                install
rpcbind                                    install
rpcsvc-proto                               install
rpd-plym-splash                            install
```

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rpd-wallpaper                          install
rpi-chromium-mods                      install
rpi-connect                            install
rpi-eeprom                             install
rpi-firefox-mods                       install
rpi-imager                             install
rpi-update                             install
rpi.gpio-common:armhf                  install
rpicam-apps                            install
rsync                                  install
rtkit                                  install
runit-helper                           install
samba-libs:armhf                       install
sane-airscan                           install
sane-utils                             install
scrot                                  install
sed                                    install
sense-hat                              install
sensible-utils                         install
sgml-base                              install
shared-mime-info                       install
ssh                                    install
ssh-import-id                          install
ssl-cert                               install
strace                                 install
sudo                                   install
swayidle                               install
syncthing                              install
system-config-printer                  install
system-config-printer-common           install
system-config-printer-udev             install
systemd                                install
systemd-sysv                           install
systemd-timesyncd                      install
sysvinit-utils                         install
tar                                    install
tasksel                                install
tasksel-data                           install
thonny                                 install
timgm6mb-soundfont                     install
tk8.6-blt2.5                           install
traceroute                             install
```

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tree                              install
triggerhappy                      install
tzdata                            install
ucf                               install
udev                              install
udisks2                           install
unzip                             install
update-inetd                      install
upower                            install
usb-modeswitch                    install
usb-modeswitch-data               install
usb.ids                           install
usbutils                          install
userconf-pi                       install
usr-is-merged                     install
util-linux                        install
util-linux-extra                  install
uuid                              install
v4l-utils                         install
vdpau-driver-all:armhf            install
vim-common                        install
vim-tiny                          install
vlc                               install
vlc-bin                           install
vlc-data                          install
vlc-l10n                          install
vlc-plugin-access-extra:armhf     install
vlc-plugin-base:armhf             install
vlc-plugin-notify:armhf           install
vlc-plugin-qt:armhf               install
vlc-plugin-samba:armhf            install
vlc-plugin-skins2:armhf           install
vlc-plugin-video-output:armhf     install
vlc-plugin-video-splitter:armhf   install
vlc-plugin-visualization:armhf    install
vulkan-tools                      install
wamerican                         install
wayfire                           install
wayvnc                            install
wbritish                          install
webp-pixbuf-loader                install
wf-panel-pi                       install
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wfplug-connect                              install
wfplug-squeek                               install
wget                                        install
whiptail                                    install
wireless-regdb                              install
wireless-tools                              install
wireplumber                                 install
wlopm                                       install
wlr-randr                                   install
wpasupplicant                               install
x11-common                                  install
x11-xkb-utils                               install
x11-xserver-utils                           install
x11proto-dev                                install
xarchiver                                   install
xauth                                       install
xcompmgr                                    install
xdg-dbus-proxy                              install
xdg-desktop-portal                          install
xdg-desktop-portal-gtk                      install
xdg-desktop-portal-wlr                      install
xdg-user-dirs                               install
xdg-utils                                   install
xfonts-encodings                            install
xfonts-utils                                install
xinit                                       install
xinput                                      install
xkb-data                                    install
xml-core                                    install
xmlstarlet                                  install
xorg-sgml-doctools                          install
xsel                                        install
xserver-common                              install
xserver-xorg                                install
xserver-xorg-core                           install
xserver-xorg-input-all                      install
xserver-xorg-input-libinput                 install
xserver-xorg-video-fbdev                    install
xsettingsd                                  install
xtrans-dev                                  install
xwayland                                    install
xz-utils                                    install
```