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saaurabh@LenovoLegion5: ~ - v
(saurabh@LenovoLegion5)-[~/LinuxPractice]
$ apt
apt 2.6.0 (amd64)
Usage: apt [options] command

apt is a commandline package manager and provides commands for
searching and managing as well as querying information about packages.
It provides the same functionality as the specialized APT tools,
like apt-get and apt-cache, but enables options more suitable for
interactive use by default.

Most used commands:
list - list packages based on package names
search - search in package descriptions
show - show package details
install - install packages
reinstall - reinstall packages
remove - remove packages
autoremove - automatically remove all unused packages
update - update list of available packages
upgrade - upgrade the system by installing/upgrading packages
full-upgrade - upgrade the system by removing/installing/upgrading packages
edit-sources - edit the source information file
satisfy - satisfy dependency strings

See apt(8) for more information about the available commands.
Configuration options and syntax is detailed in apt.conf(5).
Information about how to configure sources can be found in sources.list(5).
Package and version choices can be expressed via apt_preferences(5).
Security details are available in apt-secure(8).
This APT has Super Cow Powers.

(saurabh@LenovoLegion5)-[~/LinuxPractice]
$ |
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(saurabh@LenovoLegion5)-[~/LinuxPractice]
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$ apt list | more
```

WARNING: apt does not have a stable CLI interface. Use with caution in scripts.

Listing...

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0ad-data-common/kali-rolling 0.0.26-1 all
0ad-data/kali-rolling 0.0.26-1 all
0ad/kali-rolling 0.0.26-3 amd64
0install-core/kali-rolling 2.18-2 amd64
0install/kali-rolling 2.18-2 amd64
0trace-dbgSYM/kali-rolling 0.01-3kali3 amd64
0trace/kali-rolling 0.01-3kali3 amd64
0xffff/kali-rolling 0.9-1 amd64
loom/kali-rolling 1.0-2 amd64
2048-qt/kali-rolling 0.1.6-2+b2 amd64
2048/kali-rolling 0.20220905.1556-1 amd64
2ping/kali-rolling 4.5-1.1 all
2to3/kali-rolling 3.11.2-1 all
2vcard/kali-rolling 0.6-4 all
3270-common/kali-rolling 4.1ga10-1.1+b1 amd64
389-ds-base-dev/kali-rolling 2.3.1+dfsg1-1 amd64
389-ds-base-libs/kali-rolling 2.3.1+dfsg1-1 amd64
389-ds-base/kali-rolling 2.3.1+dfsg1-1 amd64
389-ds/kali-rolling 2.3.1+dfsg1-1 all
3dchess/kali-rolling 0.8.1-21 amd64
3depict/kali-rolling 0.0.23-2 amd64
4g8/kali-rolling 1.0-3.3 amd64
4pane/kali-rolling 8.0-1+b2 amd64
4ti2-doc/kali-rolling 1.6.9+ds-8 all
4ti2/kali-rolling 1.6.9+ds-8 amd64
64tass/kali-rolling 1.58.2974-1 amd64
6tunnel/kali-rolling 1:0.13-2 amd64
7kaa-data/kali-rolling 2.15.5+dfsg-1 all
7kaa/kali-rolling 2.15.5+dfsg-1 amd64
7zip/kali-rolling 22.01+dfsg-8 amd64
9base/kali-rolling 1:6-13 amd64
9menu/kali-rolling 1.10-1 amd64
9mount/kali-rolling 1.3+hg20170412-1 amd64
```

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saurabh@LenovoLegion5: ~ - v

(saurabh@LenovoLegion5)-[~/LinuxPractice]
$ sudo apt-get install nmap
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Suggested packages:
  ncat ndiff zenmap
The following NEW packages will be installed:
  nmap
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 2,010 kB of archives.
After this operation, 5,086 kB of additional disk space will be used.
Get:1 http://http.kali.org/kali kali-rolling/non-free amd64 nmap amd64 7.93+dfsg1-0kali3 [2,010 kB]
Fetched 2,010 kB in 3s (617 kB/s)
Selecting previously unselected package nmap.
(Reading database ... 142999 files and directories currently installed.)
Preparing to unpack .../nmap_7.93+dfsg1-0kali3_amd64.deb ...
Unpacking nmap (7.93+dfsg1-0kali3) ...
Setting up nmap (7.93+dfsg1-0kali3) ...
Processing triggers for man-db (2.11.2-2) ...
Processing triggers for kali-menu (2023.1.7) ...

(saurabh@LenovoLegion5)-[~/LinuxPractice]
$ sudo apt-get remove nmap
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  liblinear4 lua-lpeg nmap-common
Use 'sudo apt autoremove' to remove them.
The following packages will be REMOVED:
  nmap
0 upgraded, 0 newly installed, 1 to remove and 0 not upgraded.
After this operation, 5,086 kB disk space will be freed.
Do you want to continue? [Y/n] Y
(Reading database ... 143025 files and directories currently installed.)
Removing nmap (7.93+dfsg1-0kali3) ...
Processing triggers for man-db (2.11.2-2) ...
Processing triggers for kali-menu (2023.1.7) ...

(saurabh@LenovoLegion5)-[~/LinuxPractice]
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saaurabh@LenovoLegion5: ~ -   
-   
X  
  
[saaurabh@LenovoLegion5]~[~/LinuxPractice]  
$ sudo apt-get update  
Hit:1 http://kali.download/kali kali-rolling InRelease  
Reading package lists... Done  
  
[saaurabh@LenovoLegion5]~[~/LinuxPractice]  
$ sudo apt-get upgrade  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
Calculating upgrade... Done  
The following packages were automatically installed and are no longer required:  
  liblinear4 lua-lpeg nmap-common  
Use 'sudo apt autoremove' to remove them.  
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.  
  
[saaurabh@LenovoLegion5]~[~/LinuxPractice]  
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saaurabh@LenovoLegion5: ~  
$ dpkg -l | head -n 15  
Desired=Unknown/Install/Remove/Purge/Hold  
| Status=Not/Inst/Conf-files/Unpacked/halF-inst/trig-aWait/Trig-pend  
|/ Err?=(none)/Reinst-required (Status,Err: uppercase=bad)  
||/ Name Version Architecture Description  
++-=====
```

Name	Version	Architecture	Description
acl	2.3.1-3	amd64	access control list - utilities
adduser	3.131	all	add and remove users and groups
adwaita-icon-theme	43-1	all	default icon theme of GNOME
alsa-topology-conf	1.2.5.1-2	all	ALSA topology configuration files
alsa-ucm-conf	1.2.8-1	all	ALSA Use Case Manager configuration files
apt	2.6.0	amd64	commandline package manager
apt-utils	2.6.0	amd64	package management related utility programs
aspell	0.60.8-4+b1	amd64	GNU Aspell spell-checker
aspell-en	2020.12.07-0-1	all	English dictionary for GNU Aspell
at-spi2-common	2.46.0-5	all	Assistive Technology Service Provider Interface (common files)

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saaurabh@LenovoLegion5: ~  
$ dpkg -l | grep nmap  
ii nmap-common 7.93+dfsg1-0kali3 all Architecture independent files for nmap
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saaurabh@LenovoLegion5: ~  
$ dpkg -l | grep sysstat  
ii sysstat 12.6.1-1 amd64 system performance tools for Linux
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saaurabh@LenovoLegion5: ~  
$ dpkg -l | grep ALSA  
ii alsa-topology-conf 1.2.5.1-2 all ALSA topology configuration files  
ii alsa-ucm-conf 1.2.8-1 all ALSA Use Case Manager configuration files  
ii libasound2:amd64 1.2.8-1+b1 amd64 shared library for ALSA applications  
ii libasound2-data 1.2.8-1 all Configuration files and profiles for ALSA drivers  
ii libasound2-plugins:amd64 1.2.7.1-1 amd64 ALSA library additional plugins
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saurabh@LenovoLegion5: x + v

(saurabh@LenovoLegion5)-[~/LinuxPractice]
$ dpkg -l | grep python
ii libpython3-stdlib:amd64 3.11.2-1+b1 amd64 interactive high-level object-oriented language (default python3 vers
ion)
ii libpython3.11-minimal:amd64 3.11.2-6 amd64 Minimal subset of the Python language (version 3.11)
ii libpython3.11-stdlib:amd64 3.11.2-6 amd64 Interactive high-level object-oriented language (standard library, ve
rsion 3.11)
ii python-apt-common 2.5.3 all Python interface to libapt-pkg (locales)
ii python3 3.11.2-1+b1 amd64 interactive high-level object-oriented language (default python3 vers
ion)
ii python3-apt 2.5.3 amd64 Python 3 interface to libapt-pkg
ii python3-asn1crypto 1.5.1-2 all Fast ASN.1 parser and serializer (Python 3)
ii python3-brlapi:amd64 6.5-6+b1 amd64 Braille display access via BRLTTY - Python3 bindings
ii python3-cairo:amd64 1.20.1-5+b1 amd64 Python3 bindings for the Cairo vector graphics library
ii python3-chardet 5.1.0+dfsg-2 all Universal Character Encoding Detector (Python3)
ii python3-dbus 1.3.2-4+b1 amd64 simple interprocess messaging system (Python 3 interface)
ii python3-debian 0.1.49 all Python 3 modules to work with Debian-related data formats
ii python3-distro 1.8.0-1 all Linux OS platform information API
ii python3-gi 3.42.2-3+b1 amd64 Python 3 bindings for GObject-introspection libraries
ii python3-gi-cairo 3.42.2-3+b1 amd64 Python 3 Cairo bindings for the GObject library
ii python3-html5lib 1.1-3 all HTML parser/tokenizer based on the WHATWG HTML5 specification
ii python3-louis 3.24.0-1 all Python bindings for liblouis
ii python3-mechanize 1:0.4.8+pypi-5 all stateful programmatic web browsing
ii python3-minimal 3.11.2-1+b1 amd64 minimal subset of the Python language (default python3 version)
ii python3-netifaces:amd64 0.11.0-2+b1 amd64 portable network interface information - Python 3.x
ii python3-pkg-resources 66.1.1-1 all Package Discovery and Resource Access using pkg_resources
ii python3-pyatspi 2.46.0-2 all Assistive Technology Service Provider Interface - Python3 bindings
ii python3-six 1.16.0-4 all Python 2 and 3 compatibility library
ii python3-speechd 0.11.4-2 all Python interface to Speech Dispatcher
ii python3-urllib3 1.26.12-1 all HTTP library with thread-safe connection pooling for Python3
ii python3-webencodings 0.5.1-5 all Python implementation of the WHATWG Encoding standard
ii python3-xdg 0.28-2 all Python 3 library to access freedesktop.org standards
ii python3.11 3.11.2-6 amd64 Interactive high-level object-oriented language (version 3.11)
ii python3.11-minimal 3.11.2-6 amd64 Minimal subset of the Python language (version 3.11)

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