

\$ apt

Master apt — Interactively

Why the terminal is the fastest way to manage software

GO

Instant feedback

Press Enter, see it happen — no compiling.

RE

Learn by tweaking

Change one flag, rerun, and watch it change.

IO

Real files, real power

Install, update, and remove software instantly.

OK

Zero setup

Comes standard on every Debian & Ubuntu box.



user@linux: ~

```
$ apt install htop
```

```
Setting up htop ...
```

Done!

~10 sec

01

Update The Package Index

Refresh your system's list of available packages

- apt update refreshes package metadata only
- It doesn't install or upgrade anything yet
- Always run this before installing something new

SYNTAX

```
sudo apt update
```



user@linux: ~

```
$ sudo apt update
```

```
Hit:1 archive.ubuntu.com
```

```
Reading package lists...
```

Done

02

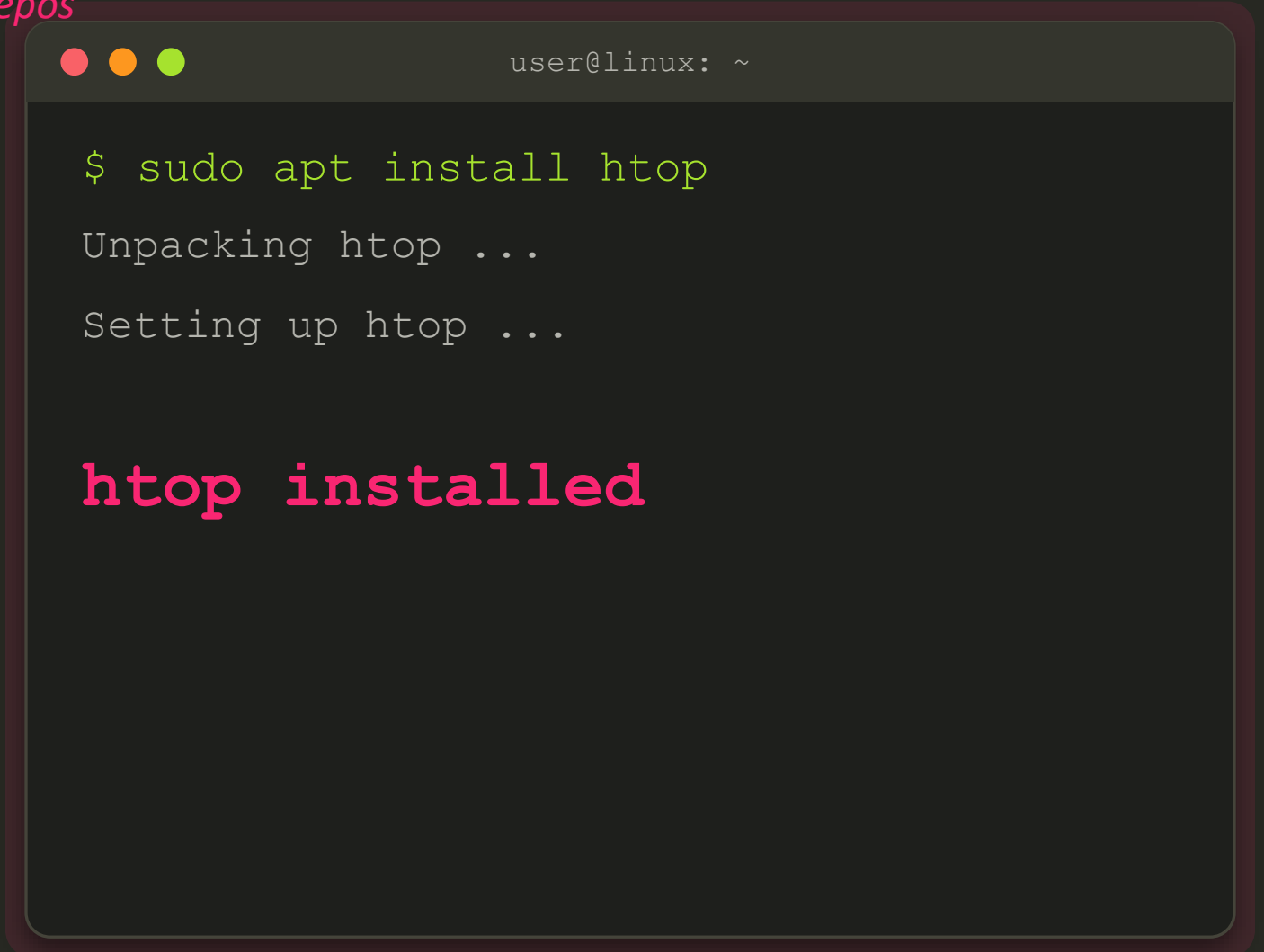
Install A Package

Pull any package straight from the repos

- `apt install <name>` installs the package
- Add `-y` to skip the confirmation prompt
- Dependencies are resolved automatically

SYNTAX

```
sudo apt install htop
```

A terminal window with a dark background and a title bar showing 'user@linux: ~'. The terminal displays the command '\$ sudo apt install htop' in green text. Below the command, it shows 'Unpacking htop ...' and 'Setting up htop ...' in white text. At the bottom, the text 'htop installed' is displayed in large, bold, pink letters.

```
user@linux: ~  
  
$ sudo apt install htop  
Unpacking htop ...  
Setting up htop ...  
  
htop installed
```

03

Search For A Package

Find the exact package name before installing

- `apt search <term>` scans names & descriptions
- Handy when you're unsure of the exact name
- Pair it with `apt show` for full details

SYNTAX

```
apt search nginx
```



user@linux: ~

```
$ apt search nginx
```

```
nginx - HTTP server
```

```
nginx-core - core files
```

2 matches



04

Remove A Package

Cleanly uninstall software you no longer need

- `apt remove <name>` uninstalls the package
- Add `--purge` to delete its config files too
- Follow with `apt autoremove` to clean extras

SYNTAX

```
sudo apt remove htop
```



user@linux: ~

```
$ sudo apt remove htop
```

```
Removing htop ...
```

```
Purging config files...
```

htop removed





```
$ echo "Thanks for watching!"
```

Thank You For Watching

You just learned 4 real apt moves — now go run them yourself.

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