

APT & APT-GET Cheat Sheet

Update & Upgrade

`sudo apt update`

- Update package index

`sudo apt upgrade`

- Upgrade all upgradable packages

`sudo apt full-upgrade`

- Upgrade with auto-remove/add

`sudo apt-get dist-upgrade`

- Same as full-upgrade (older)

Package Installation & Removal

`sudo apt install <package>`

- Install a package

`sudo apt remove <package>`

- Remove a package (keep config)

`sudo apt purge <package>`

- Remove package and config files

`sudo apt autoremove`

- Remove unneeded packages

`sudo apt reinstall <package>`

- Reinstall a package

Search & Info

`apt search <package>`

- Search available packages

`apt show <package>`

- Show package details

`apt list --installed`

- List installed packages

`apt list --upgradable`

- Show packages that can be upgraded

Cleaning Up

`sudo apt clean`

- Clear downloaded .deb files

`sudo apt autoclean`

- Remove obsolete .deb files

Repository Management

`sudo add-apt-repository ppa:<ppa-name>`

- Add a PPA (Ubuntu only)

`sudo apt-add-repository <repo>`

- Add any repo

`sudo apt-key add <keyfile>`

- Add repo signing key (deprecated)

`sudo apt update`

- Refresh after adding repo

Notes

`apt`

- Use for interactive use (better UX)

`apt-get`

- Use in scripts for stability