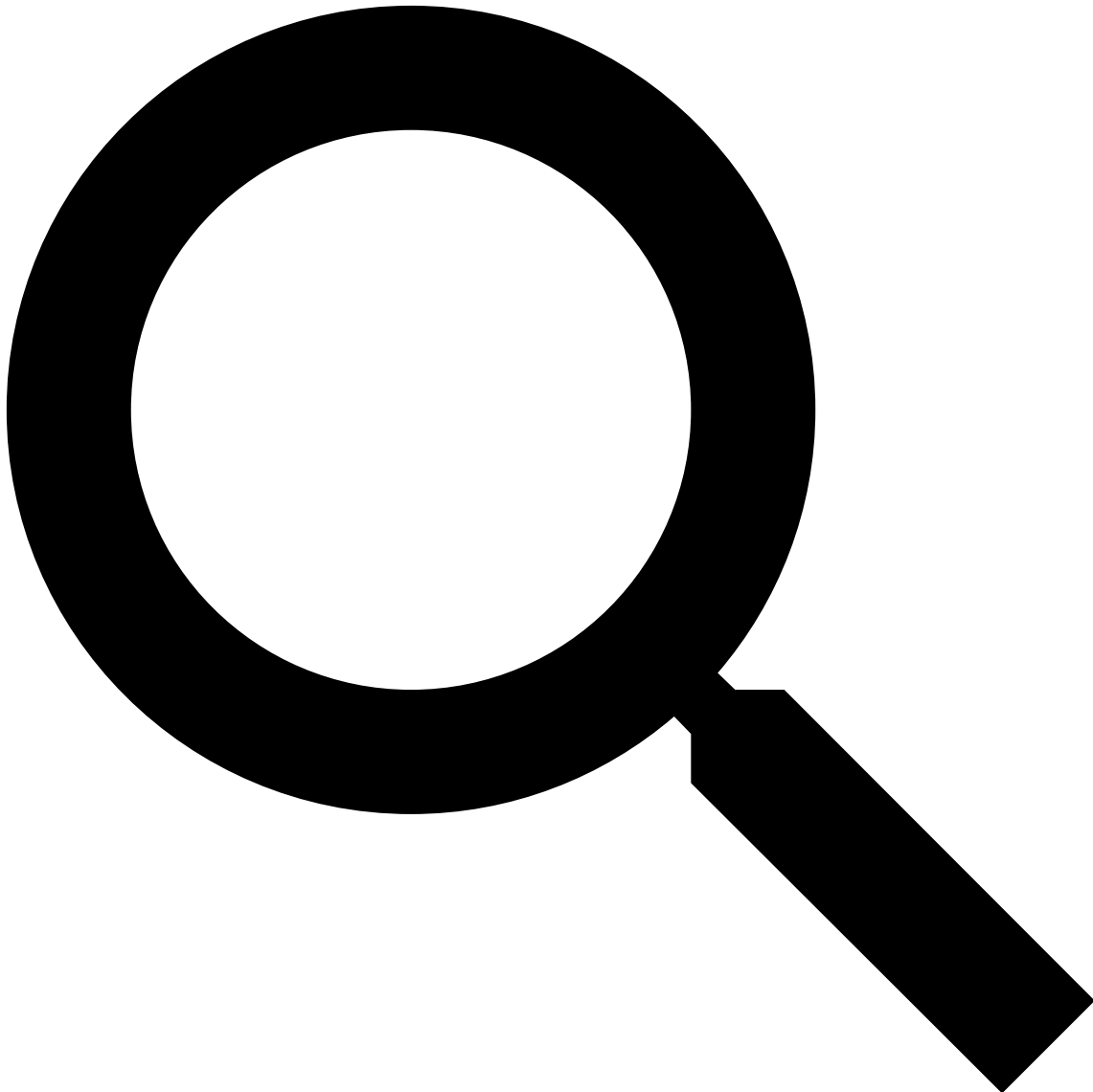




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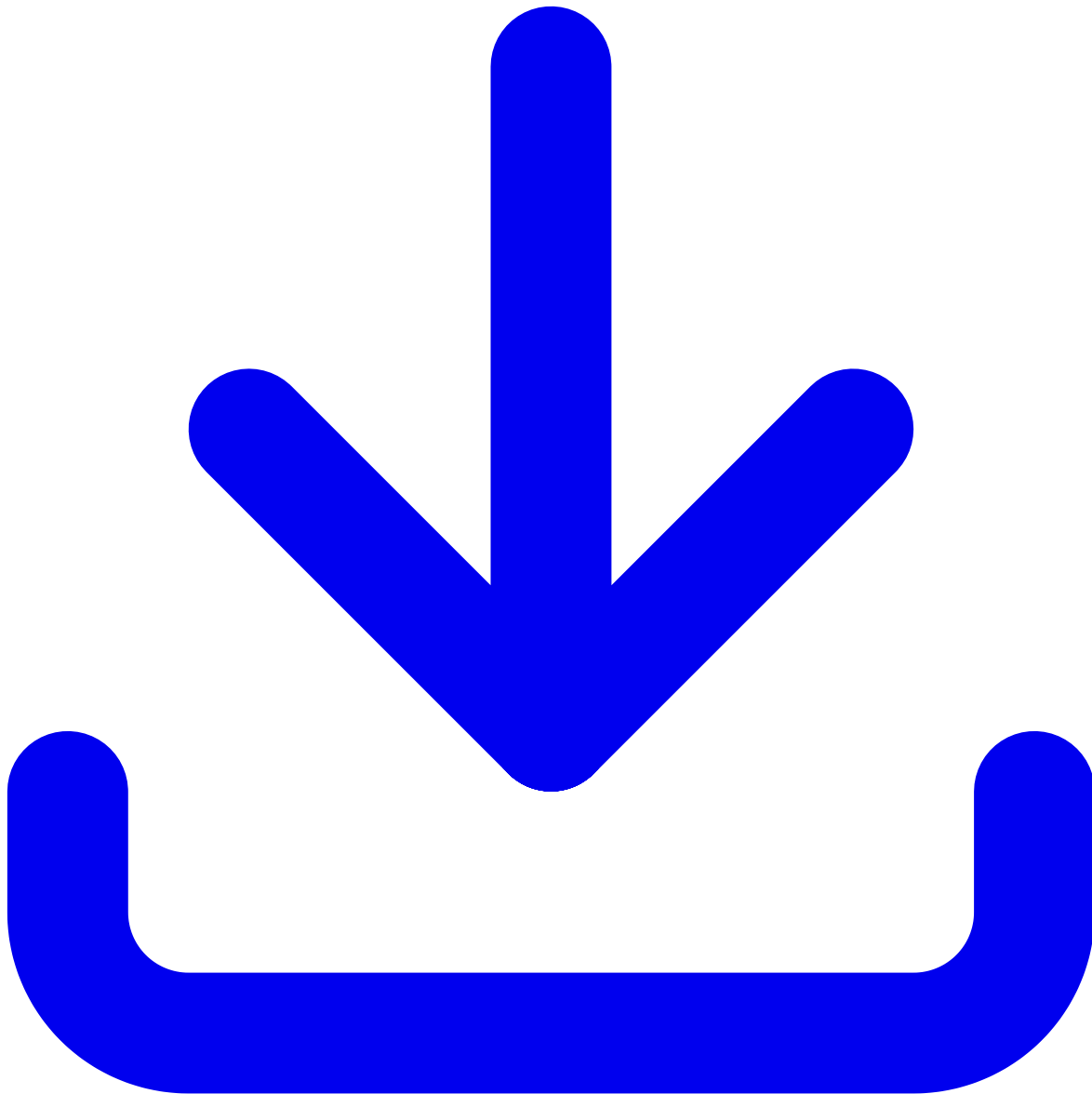


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## dpkg Cheatsheet



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Quick reference for installing, removing, querying, and inspecting Debian packages with dpkg

dpkg is the low-level package manager used by Debian, Ubuntu, and related distributions. This cheatsheet covers common dpkg commands for local .deb files, installed package queries, package selections, and repair tasks.

## Install and Remove <#>

Work with installed packages and local .deb files.

Command	Description
<a href="#">sudo dpkg -i package.deb</a>	Install a local .deb file
sudo dpkg -i *.deb	Install multiple .deb files
sudo dpkg -r package	Remove package, keep config

```
sudo dpkg -P package          Purge package and config
sudo dpkg --unpack package.deb Unpack without configuring
```

## Query Installed Packages <#>

List packages and inspect installed package metadata.

Command	Description
<code>dpkg -l</code>	List installed packages
<code>dpkg -l 'nginx*'</code>	Filter packages by pattern
<code>dpkg -s package</code>	Show package status
<code>dpkg --status package</code>	Same as <code>dpkg -s</code>
<code>dpkg-query -W package</code>	Show package and version

## Package Files <#>

Find installed files and file ownership.

Command	Description
<code>dpkg -L package</code>	List files installed by package
<code>dpkg -S /path/to/file</code>	Find package owning a file
<code>dpkg -S '*bin/curl'</code>	Search ownership by pattern
<code>dpkg -L package   less</code>	Browse long file lists
<code>dpkg -V package</code>	Verify installed package files

## Inspect deb Files <#>

Read package archives before installing them.

Command	Description
<code>dpkg --info package.deb</code>	Show .deb metadata
<code>dpkg -I package.deb</code>	Same as <code>dpkg --info</code>
<code>dpkg --contents package.deb</code>	List files in .deb
<code>dpkg -c package.deb</code>	Same as <code>dpkg --contents</code>
<code>dpkg-deb -f package.deb</code>	Version Print package version field

## Extract deb Files <#>

Unpack archive contents without installing.

Command	Description
<code>dpkg -x package.deb /tmp/extract</code>	Extract package files
<code>dpkg -X package.deb /tmp/extract</code>	Extract with details
<code>dpkg -e package.deb /tmp/control</code>	Extract control files
<code>dpkg-deb --ctrl-tarfile package.deb</code>	Print control tar archive
<code>dpkg-deb --fsys-tarfile package.deb</code>	Print filesystem tar archive

## Package Selections <#>

Export and restore package selection states.

Command	Description
<code>dpkg --get-selections</code>	Print package selections
<code>dpkg --get-selections &gt; packages.txt</code>	Save selections

```
sudo dpkg --set-selections < packages.txt Restore selections
dpkg --get-selections 'nginx*' Filter selections
sudo apt-get dselect-upgrade Apply restored selections
```

## Repair and Configure #

Resume interrupted installs and fix package state.

Command	Description
sudo dpkg --configure -a	Configure pending packages
sudo dpkg --configure package	Configure one package
sudo dpkg -C	Audit broken packages
sudo apt install -f	Fix missing dependencies
sudo dpkg-reconfigure package	Re-run package setup

## Related Guides #

Use these references for package management workflows.

Guide	Description
<a href="#">dpkg Command in Linux</a>	Full dpkg tutorial with examples
<a href="#">Install deb Files on Ubuntu</a>	Install local .deb files with apt and dpkg
<a href="#">apt Cheatsheet</a>	Higher-level package management commands

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