

\$ du

Master du — Interactively

Why the terminal is the fastest way to find space hogs

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

See exactly what's eating your disk space.

OK

Zero setup

Built into every Linux system — just open a shell.



user@linux: ~

```
$ du -sh /var/log  
2.3G  /var/log
```

2.3G

~10 sec



01

Check A Folder's Total Size

See exactly how big a directory really is

- -s summarizes instead of listing every file
- -h prints the size in human-readable form
- The fastest way to answer "how big is this?"

SYNTAX

```
du -sh /var/log
```

user@linux: ~

```
$ du -sh /var/log
```

```
2.3G /var/log
```

2.3G

02

List Sizes For Each Subfolder

Break a directory down folder by folder

- Without -s, du lists every subdirectory
- Sort the output to find the biggest offenders
- Great for hunting down what's filling a drive

SYNTAX

```
du -h /var
```

user@linux: ~

```
$ du -h /var  
1.1G  /var/log  
800M  /var/cache
```

1.9G total

03

Find The Biggest Folders

Sort output to spot space hogs instantly

- Pipe du into sort -rh for biggest first
- -d 1 limits depth to one level down
- A quick way to find what to clean up

SYNTAX

```
du -h -d 1 | sort -rh
```

```
$ du -h -d1 | sort -rh
```

```
2.3G  ./logs
```

```
900M  ./cache
```

Top: ./logs

04

Total Multiple Folders

Add up several directories at once

- Pass multiple paths in a single command
- -c adds a grand total at the end
- Handy for comparing a few folders quickly

SYNTAX

```
du -sch /var /home
```

user@linux: ~

```
$ du -sch /var /home
```

```
1.9G  /var
```

```
4.1G  /home
```

6.0G total



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

Thank You For Watching

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

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