

Alternative Folder Size Command

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Introduction

There are many ways to work out the size of folders, but this one that I learnt today seems to be perfect for my needs.

It is using the **du** (disk usage) command again, but with some different switch at the end.

You need to login as **root** (sudo -s) for this to work as you may end up with permission errors, depending on what folders you are searching.

Remember, this command works from the folder you are in, so if you want to look at all folders, you need to be at the root folder (cd /).

We are going to use the command **du -h -max-depth=1** to show folder sizes.

If you are copying and pasting this command, the two dashed can get converted to one dash (-max-depth=1)

```
du -h --max-depth=1

2.2G    ./usr
28M     ./etc
4.0K    ./mnt
4.0K    ./dev
440K    ./kube
4.0K    ./media
0       ./proc
16K     ./lost+found
14G     ./run
536K    ./tmp
12G     ./opt
70M     ./boot
18M     ./root
0       ./sys
4.0K    ./srv
788K    ./home
26G     ./var

52G     .
```

Above we can see the size of each folder, and at the bottom the total size of all folders.

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