duf Disk usage overview

Pick devices paths or none → `--only` / `--hide` → **Filter** group, fs, mount → `--sort` → **Order** by any column → `--output` → **Columns** table or JSON

CONCEPTS

duf is a friendlier df: one table per group (local, network, fuse, special) with usage bars.

Oh-my-zsh aliases duf to something else; run unalias duf to get the real tool.

BASICS

`duf`
Table of mounted filesystems

`duf <path> ...`
Only the devices or mount points given

`duf --all`
Add pseudo, duplicate and inaccessible fs

BASICS (cont.)

`duf --inodes`
Show inode usage instead of blocks

`duf --theme light`
Fix colours on a light terminal

`duf --help`
List all flags

FILTER

`duf --only <group>[,<group>]`
Show only these groups

`duf --hide <group>[,<group>]`
Hide these groups

`duf --only-fs <type>[,<type>]`
Only these filesystem types

`duf --hide-fs <type>[,<type>]`
Hide these filesystem types

FILTER (cont.)

`duf --only-mp <path>[,<path>]`
Only these mount points

`duf --hide-mp <path>[,<path>]`
Hide these mount points

SORT AND COLUMNS

`duf --sort <key>`
Order rows by a column

`duf --output <col>[,<col>]`
Choose and order columns

`duf --sort usage`
Order by how full each disk is

`duf --output mountpoint,size,avail`
Compact space overview

SORT AND COLUMNS (cont.)

`duf --output mountpoint,inodes_usage`
Spot inode exhaustion

Sort keys and columns

Group	Names
Space	`mountpoint, size, used, avail, usage`
Inodes	`inodes, inodes_used, inodes_avail, inodes_usage`
Identity	`type, filesystem`

THRESHOLDS AND OUTPUT

`duf --avail-threshold="<warn>,<crit>"`
Colour by free space

`duf --usage-threshold="<warn>,<crit>"`
Colour by used fraction

THRESHOLDS AND OUTPUT (cont.)

`duf --json`
Print JSON instead of a table

`duf --json | jq .`
Pretty-print or filter the JSON

RECIPES

Real disks only, fullest first

```
duf --only local --hide-fs tmpfs,devtmpfs --sort usage
```

Small overview of a few paths

```
duf / /home --output mountpoint,size,avail,usage
```

Dump to a file for a report

```
duf --json > disks.json
duf --all --json | jq '.[0]'
```

Quiet the noise on a busy host

```
duf --hide-mp '/sys/*,/dev/*,/run/*' --hide special
```