duf Disk usage overview

START HERE

duf
Show mounted disks

`duf` **--only local**
Local disks only

`duf` *<path>*
Only the disk holding it

`duf` **--hide-fs tmpfs**
Skip a fs type

`duf` **--all**
Include hidden filesystems

`duf` **--inodes**
Inode usage instead

`duf` **--sort size**
Biggest first

`duf` **--json**
Machine-readable output

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
A plain file path works too: it shows the filesystem containing it.

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

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

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

BASICS (cont.)

`duf` **--help**
List all flags

FILTER

`duf` **--only** *<group>*[,*<group>*]
Show only these groups
Groups: local, network, fuse, special, loops, binds.

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

`duf` **--only-fs** *<type>*[,*<type>*]
Only these filesystem types
Example: --only-fs ext4,xfs

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

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

`duf` **--hide-mp** *<path>*[,*<path>*]
Hide these mount points
Wildcards work if quoted: --hide-mp '/sys/,/dev/*'*

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

`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
Example: --avail-threshold="10G,1G"

THRESHOLDS AND OUTPUT (cont.)

`duf` **--usage-threshold="***<warn>*,*<crit>***"**
Colour by used fraction
Example: --usage-threshold="0.5,0.9"

`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
```