gdu Fast disk usage

CONCEPTS

Start gdu in the directory you suspect, then dive into the biggest entry and repeat; the bar shows each entry's share.

Scan gdu <path>
↓ -o / -f
Browse sort, filter, info
↓ d / D / e
Clean up delete, trash, empty

Scans use many cores, great on SSDs; add --sequential on a spinning disk.

NAVIGATE

Up / Down
Move the selection

k / j Move up / down (vi keys)

Enter / Right
Open the selected directory

l Open the directory (vi key)

Left / h
Go to the parent directory

PgUp / PgDn
Move a page at a time

g / G
Jump to the top / bottom

/ Search entries by name

? Show the help window

q Quit (asks after a long scan)

SORT AND VIEW

s Sort by size; again to reverse

n
Sort by name; again to reverse

C Sort by item count

M Sort by mtime

a
Toggle disk usage / apparent size

c Show or hide item counts

m Show or hide latest mtime

T Filter by file type (extension)

ACT ON ITEMS

d Delete the selected item

D Move the item to the trash

e Empty the directory or file

i Show info about the item

v View the file's content

r Rescan the current directory

Space
Mark an item for deletion

y
Copy the item's path to the clipboard

b
Spawn a shell in this directory

E Export the analysis as JSON

Mark several items with Space, then delete them in one go.

DURING A SCAN

Tab
Preview results found so far

Esc
Stop scanning, keep results

RUN IT

gdu
Analyse the current directory

`gdu <path>`
Analyse a directory

`gdu <dir1> <dir2>`
Analyse several directories

gdu -d
List mounted disks

`gdu -x <path>`
Stay on one filesystem

gdu -a
Start on apparent size

gdu -C
Show item counts

gdu -M
Show latest mtime

gdu --si
Use kB / MB, not KiB / MiB

`gdu --web <path>`
Browse in a web UI

FILTER THE SCAN

`gdu -i <dir>,<dir> <path>`
Ignore paths (default /proc,/dev,/sys,/run)

`gdu -I '<regex>' <path>`
Ignore paths by pattern

`gdu -X <file> <path>`
Read ignore patterns from a file

`gdu -G .gitignore <path>`
Ignore using gitignore-style rules

`gdu -H <path>`
Skip hidden directories

`gdu -T <ext>,<ext> <path>`
Include only these file types

`gdu -E <ext>,<ext> <path>`
Exclude these file types

`gdu --min-age 30d <path>`
Only files at least 30 days old

NON-INTERACTIVE AND EXPORT

`gdu -n <path>`
Print sizes, no TUI

`gdu -ps <path>`
Print only the total

`gdu -t 10 <path>`
Show the 10 largest files

`gdu -n --depth 2 <path>`
Print the tree to depth 2

`gdu -o- <path> | gzip > scan.json.gz`
Export a scan as JSON

zcat scan.json.gz | gdu -f-
Browse a saved scan

SAFETY AND CONFIG

gdu --no-delete
Disable all deletion

RECIPES

Find what fills the disk

```
gdu -x /
# s sorts by size, Enter dives in,
# d or D cleans up
```

Quick check, no UI

```
gdu -t 10 ~/projects
gdu -ps ~/Downloads
```

Scan big, browse later

```
gdu -o- / | gzip -c > report.json.gz
zcat report.json.gz | gdu -f-
```