dust Visual disk usage

START HERE

dust
Biggest things under here

dust -r
Reverse the order

dust *<dir>*
Analyse a directory

dust -X *<name>*
Ignore a name

dust -n 30
Show 30 entries

dust -t
Group by file type

dust -d 2
Limit depth to 2

dust -j
JSON output

Walk dust <dir> → **-d / -x / -X** → **Filter** depth, size, regex → **-n / -r** → **Display** tree with bars → **-j** → **Pipe** JSON to jq

CONCEPTS

dust is a du with a tree and bars: the largest entries come first, each with its share of the total.

Options can be set permanently in ~/.config/dust/config.toml, using the long flag names.

SCOPE

dust *<dir> <dir>*
Analyse several directories

dust -d *<n>*
Show only n levels deep

dust -n *<n>*
Show n entries

dust -D
Directories only

dust -F
Files only: largest files

dust -x
Stay on one filesystem

dust -L
Follow symlinks

SCOPE (cont.)

dust -i
Hide hidden files

dust -f
Count files instead of size

FILTER

dust -X *<name>*
Ignore files or dirs by name

dust -e *<regex>*
Only entries matching regex

dust -v *<regex>*
Exclude entries matching regex

dust -z *<size>*
Hide entries below a size
Takes forms like 10M or 500KiB.

dust -t
Group by file type

dust --collapse *<name>*
Keep a folder collapsed

DISPLAY

dust -r
Reverse order: biggest at top

DISPLAY (cont.)

dust -p
Show full paths

dust -s
Apparent size, not disk use

dust -o *<fmt>*
Size unit: si, b, kb, kib, mb, gb, etc

dust -b
Hide bars and percentages

dust -B
Bars on the right

dust -c
No colours

dust -C
Force colours

dust --dim
Dim the bars

dust --skip-total
Omit the total row

dust -P
No progress indicator

dust -R
Screen-reader friendly output

INPUT AND OUTPUT

dust -j
Print JSON

dust --files-from *<file>*
Read paths, newline separated

dust --files0-from *<file>*
Read paths, NUL separated

dust -T *<n>*
Walker threads, useful on NFS

RECIPES

What fills this disk
```
dust -x -d 2 /
```

Biggest files in a project
```
dust -F -n 20 <dir>
```

Skip noise, find big images
```
dust -X node_modules -X .git -e
'\.(png|jpg)$' <dir>
```

Feed paths from find
```
find <dir> -name '*.log' -print0
| dust --files0-from -
```