procs Modern ps replacement

CONCEPTS

procs is a ps replacement: coloured columns, built-in search and sort, no flags to memorise.

Keyword procs <word>
↓ numeric?
Number exact match on PID
↓ else
Text partial match on user, command
How a keyword is matched

Non-numeric keywords match USER and Command; numbers match PID exactly. The config can add more searched columns.

Without sudo, Linux hides some data (such as I/O throughput) of other users' processes, and ports of their sockets.

SEARCH

`procs <keyword>`
Filter by user or command

`procs <pid>`
Show one PID

`procs <a> <b>`
Match all keywords (default)

`procs --or <a> <b>`
Match any keyword

`procs --nor <a> <b>`
Hide matches of any keyword

`procs --regex '<pattern>'`
Regex search, one pattern

SORT AND COLUMNS

`procs --sortd <kind>`
Sort descending by a column

`procs --sorta <kind>`
Sort ascending by a column

`procs --list`
List available column kinds

SORT AND COLUMNS (cont.)

`procs --insert <kind>`
Add a column to a slot

`procs --only <kind>`
Show just one column

`procs --sortd vmrss`
Biggest memory users first

`procs --insert tcp`
Add listening TCP ports column

TREE AND WATCH

`procs --tree`
Draw the process tree

`procs --tree <word>`
Tree of matches with relatives

`procs --watch`
Refresh every second

`procs --watch-interval <sec>`
Refresh at a custom interval

`n / p`
Next / previous sort column (watch)

`a / d`
Sort ascending / descending (watch)

`q`
Quit watch mode

OUTPUT

`procs --pager always`
Always page the output

`procs --pager disable`
Never page

`procs --json`
Output as JSON

CONFIG

`procs --gen-config`
Print a full sample config

`~/.config/procs/config.toml`
Linux config file