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