iotop Per-process disk I/O

CONCEPTS

Per-process I/O accounting needs privileges: run with sudo, or grant cap_net_admin to the binary. Check the Ctrl+T delay-accounting toggle if all rows stay at zero.

Without -o every process is listed; press o early so only processes actually reading or writing remain.

iotop -o who does I/O
Sort READ / WRITE / IO>
ionice lower its class
From a slow disk to a fix

SORTING AND NAVIGATION

Left / **Right**
Change sort column

r / **Space**
Reverse sort order

Up / **Down**
Scroll the list

Page › **Up** / **Page** › **Down**
Scroll a page

q / **Q**
Quit

DISPLAY TOGGLES

o
Only show active I/O

p
Switch processes / threads

a
Cycle accumulated, accum-bw, current

c
Toggle full command line

e
Toggle exited processes

DISPLAY TOGGLES (cont.)

1-9
Toggle a column

0
Show all columns

ACTIONS

i
Change I/O priority (ionice)

f
Set UID / PID filter

/
Search by regex

Esc
Cancel dialog or search

Ctrl + **T**
Toggle kernel task_delayacct

COMMAND LINE

iotop › **-o**
Only active I/O

iotop › **-P**
Processes only, no threads

iotop › **-a**
Accumulated I/O since start

iotop › **-b** › **-n** › *<n>*
Batch mode, n iterations

iotop › **-d** › *<sec>*
Refresh interval

iotop › **-p** › *<pid>*
Watch one PID

iotop › **-u** › *<user>*
Watch one user

iotop › **-t**
Timestamp each line (batch)

iotop › **--filter=<regex>**
Match TID or command