bottom Graphical system monitor

START HERE

`btm`
Start bottom

c
Sort by CPU

?
Open help

t
Process tree

Ctrl + **Right** / **L**
Select widget on the right

d › **d**
Kill process

/
Search processes

q
Quit

Select widget Ctrl+arrows / H J K L | **Act inside it** sort, search, scroll | **Expand** e, Esc to return

CONCEPTS

Keys are case-sensitive: g g jumps to the top, G (Shift+g) to the bottom.

Which widgets appear depends on the layout; network, temperature, disk and battery can be missing on your system.

MOVE AROUND

Ctrl + **Up** / **K**
Select widget above

Ctrl + **Down** / **J**
Select widget below

Ctrl + **Left** / **H**
Select widget on the left

Ctrl + **Right** / **L**
Select widget on the right

Up / **k** Move up in widget

Down / **j**
Move down in widget

g › **g** / **Home**
Jump to first entry

G / **End** Jump to last entry

PgUp / **PgDn** Scroll a page

Ctrl + **u** / **Ctrl** + **d**
Scroll half a page

DISPLAY

e
Expand or shrink selected widget

Esc
Close dialog, search or expanded view

f Freeze or unfreeze updates

Ctrl + **r**
Reset display and collected data

? Open the help menu

DISPLAY (cont.)

q / **Ctrl** + **c** Quit

PROCESSES

c
Sort by CPU, again reverses

m Sort by memory

p Sort by PID

n Sort by name

l Invert current sort

s / **F6** Open sort menu

t / **F5** Toggle tree mode

Space
Collapse or expand tree branch

Tab
Group same-name processes

P
Full command or process name

%
Memory as value or percent

z Hide kernel threads

d › **d** / **F9**
Kill selected process, pick signal

M Sort by GPU memory

C Sort by GPU usage

SEARCH

/ / **Ctrl** + **f**
Open process search

Alt + **c** / **F1**
Toggle match case

Alt + **w** / **F2**
Toggle whole word

Alt + **r** / **F3** Toggle regex

Ctrl + **u** Clear the query

Ctrl + **a** / **Ctrl** + **e**
Cursor to start / end of query

SEARCH (cont.)

Ctrl + **w**
Delete word behind cursor

Query keywords

Keyword	Example	Matches
`pid`	pid=1044	Process ID
`cpu`	cpu > 0.5	CPU percent
`mem`	mem < 0.5	Memory percent
`memb`	memb > 1000 b	Memory in bytes
`user`	user=root	Owner
`state`	state=running	Process state
`read / write`	read = 1 mb	I/O per second

Query operators

Operator	Meaning
`= ≠ > < ⩾ ⩽`	Compare values
`and && space`	Both conditions
`or ||`	Either condition
`!`	Negate condition or group
`( )`	Group conditions
`"cpu"`	Quote a word that is a keyword

Units are B, KB, MB, GB, TB and the KiB family; and binds tighter than or.

DISK WIDGET

d Sort disks by name

u Sort disks by used space

r Sort disks by read rate

w Sort disks by write rate

COMMAND LINE

`btm -b`
Basic mode, no graphs

`btm -e`
Start with widget expanded

`btm -T`
Start in tree mode

`btm -g`
Group processes by default

COMMAND LINE (cont.)

`btm -r <time>`
Set refresh interval

`btm -C <path>`
Use a specific config file

`btm -R`
Regex search by default

`btm -f`
Temperatures in Fahrenheit

`btm --read_only`
Block killing processes

`btm --battery`
Show battery widget

`btm --theme <scheme>`
Pick a built-in theme

`btm -h`
Short option overview

SETUP

A config bottom.toml is created on first launch: ~/.config/bottom/ on Linux, AppData\Roaming\bottom on Windows.

Basic mode shows one table at a time; switch with Ctrl+Left / H or the arrow buttons. Widget expansion is off.

RECIPES

Heavy hitters by name

```
btm
# select process widget, then:
/
name=chrome and mem > 1 gb
```

Safe look around

```
btm --read_only -b -r 2s
```

Per-user tree

```
btm -T
# press / then:
user=postgres
```

Dedicated config

```
btm -C ~/dotfiles/bottom.toml
```