bottom Graphical system monitor

START HERE

`btm`
Start bottom

`d` › `d`
Kill process

`?`
Open help

`q`
Quit

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

`/`
Search processes

`c`
Sort by CPU

`t`
Process tree

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

`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

PROCESSES (cont.)

`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

DISK WIDGET (cont.)

`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

`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

COMMAND LINE (cont.)

`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
```