fastfetch System info display

START HERE

fastfetch
Show system info

`fastfetch -h <topic>`
Help for one option

`fastfetch --gen-config`
Create config file

`fastfetch --format json`
Machine-readable output

`fastfetch -c <preset>`
Load a preset or file

`fastfetch -s <modules>`
Pick modules to show

`fastfetch -l none`
Hide the logo

`fastfetch --list-modules`
All module names

Config config.jsonc or -c `selects` → **Modules** structure / -s `formatted by` → **Format** {placeholders} `drawn next to` → **Logo** -l, --logo-*

Where the output comes from

CONCEPTS

Fastfetch prints a logo plus a list of modules (OS, Kernel, CPU, ...). Each module is one line made of a key and a formatted value.

Command-line options override the config file, so they are good for one-off tries before editing it.

The command module runs shell commands. Read configs from untrusted sources before using them.

RUNNING

fastfetch
Run with the default config

`fastfetch -v`
Print the version

`fastfetch -h`
Show full help

`fastfetch -h <option>`
Help for one option or topic

`fastfetch -h format`
Explain the format syntax

`fastfetch -h <module>-format`
Placeholders of one module

`fastfetch -w <seconds>`
Refresh the output repeatedly

RUNNING (cont.)

`fastfetch --show-errors`
Print why a module failed

`fastfetch --pipe false`
Keep colours when piped

Useful when calling it from a shell startup file.

MODULES

`fastfetch -s <m1>:<m2>`
Show only these modules

Names are separated by colons, e.g. -s os:kernel:memory.

`fastfetch --list-modules`
List all modules

`fastfetch --structure-disabled <m>`
Hide the given modules

`fastfetch --print-structure`
Print the default module order

`fastfetch --list-features`
List compiled-in features

MODULES (cont.)

Common modules

Module	Shows
`title`	user@host
`os`	Distro name
`kernel`	Kernel version
`uptime`	Time since boot
`packages`	Package counts
`shell`	Login shell
`cpu / gpu`	Processor / graphics
`memory / disk`	RAM / mounted disks
`localip`	Local addresses
`colors`	Colour palette row

`fastfetch -s <m> --<m>-format '<fmt>'`
Override one module's format

Placeholders use braces, e.g. --gpu-format '{name}'.

LOGO

`fastfetch -l <name>`
Use a built-in logo

`fastfetch -l none`
Disable the logo

`fastfetch -l <path>`
Logo from a text or image file

`fastfetch --list-logos`
List built-in logos

`fastfetch --logo-color-<1-9> <color>`
Recolour a logo placeholder

LOGO (cont.)

`fastfetch --logo-type <type>`
Set image protocol (sixel, kitty, ...)

`fastfetch --logo-padding <n>`
Space around the logo

`fastfetch --logo-width <n>`
Image width in cells

`fastfetch --print-logos`
Print every built-in logo

CONFIG

`fastfetch --gen-config`
Write ~/.config/fastfetch/config.jsonc

Fastfetch never creates the file by itself; an existing file is not overwritten.

`fastfetch -s <m1>:<m2> --gen-config`
Generate a config with those modules

`fastfetch -c <file>`
Load a config file

`fastfetch -c <preset>`
Load a bundled preset (e.g. all)

`fastfetch --list-presets`
List bundled presets

`fastfetch --list-config-paths`
Show where configs are searched

CONFIG (cont.)

`fastfetch --list-data-paths`
Show data directories

`fastfetch -c none`
Ignore any config file

`fastfetch -c -`
Read the config from stdin

Top-level config keys

Key	Controls
`logo`	Source, type, size, colours
`display`	Separator, colours, units, bars
`general`	Threads, timeouts
`modules`	Ordered list of modules

Minimal config.jsonc

```
{
  "$schema": "https://github.com/fastfetch-cli/fastfetch/raw/dev/doc/json_schema.json",
  "logo": { "source": "auto" },
  "display": { "separator": " -> " },
  "modules": ["title", "os", "kernel", "memory"]
}
```

A module as an object

```
{ "type": "memory", "key": "RAM", "format": "{used} / {total}" }
# key " " hides the key text
```

OUTPUT

`fastfetch --format json`
Print results as JSON

OUTPUT (cont.)

`fastfetch -s <m> --format json`
JSON for chosen modules

`fastfetch --separator <str>`
Text between key and value

`fastfetch --color-keys <color>`
Colour of the keys

`fastfetch --color-title <color>`
Colour of the title line

`fastfetch --gpu-driver-specific`
Ask the driver for the GPU name

RECIPES

Compact summary

```
fastfetch -l none -s os:kernel:cpu:memory
```

Fresh config from chosen modules

```
fastfetch -s os:kernel:memory --gen-config
$EDITOR ~/.config/fastfetch/config.jsonc
```

Read one value in a script

```
fastfetch -s os --format json | jq -r '.[0].result.name'
```

Show on every shell start

```
# ~/.bashrc
[ -t 1 ] && fastfetch
```