fastfetch System info display

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.

Config config.jsonc or -c
↓ selects
Modules structure / -s
↓ formatted by
Format {placeholders}
↓ drawn next to
Logo -l, --logo-*
Where the output comes from

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

fastfetch --show-errors
Print why a module failed

fastfetch --pipe false
Keep colours when piped

MODULES

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

MODULES (cont.)

fastfetch --list-modules
List all modules

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

fastfetch --print-structure
Print the default module order

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

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

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

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

CONFIG

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

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

CONFIG (cont.)

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

fastfetch -c none
Ignore any config file

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

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

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'
```