Starship Cross-shell prompt

CONCEPTS

Starship is one binary for every shell: the shell calls it to draw each prompt, and one starship.toml configures them all.

Shell rc file runs starship init
↓ each prompt
starship prompt detects context
↓ reads
starship.toml format + modules
↓ renders
Your prompt git, dir, versions

Icons need a Nerd Font set in your terminal; without one use the no-nerd-font preset.

INSTALL AND INIT

curl -sS https://starship.rs/install.sh | sh
Install latest (Linux, macOS)

brew install starship
Install with Homebrew

eval "$(starship init bash)"
Enable in ~/.bashrc

eval "$(starship init zsh)"
Enable in ~/.zshrc

starship init fish | source
Enable in ~/.config/fish/config.fish

Invoke-Expression (&starship init powershell)
Enable in PowerShell $PROFILE

CONFIG FILE

~/.config/starship.toml
Default config file

export STARSHIP_CONFIG=*<path>*
Use another config file

starship config
Open config in $VISUAL / $EDITOR

starship config *<key>* *<value>*
Set a key, e.g. directory.format

starship print-config
Show config merged with defaults

starship print-config *<module>*
Show only one module's settings

FORMAT STRINGS

Syntax

Write	Meaning
`$name`	Insert variable or module
`[text](style)`	Styled text group
`(...)`	Hide if all variables inside are empty
`\$ \[ \]`	Escape literal characters

format = '$all'
Prompt layout (default)

right_format = '$time'
Right-side prompt

add_newline = false
No blank line between prompts

palette = '*<name>*'
Pick a palette from [palettes.<name>]

bold fg:green bg:#1e1e2e
Style string: words, colours, hex

Put values in single quotes: TOML then treats backslashes and $ literally.

MODULES

success_symbol = '[❯](bold green)'
Symbol after success

error_symbol = '[❯](bold red)'
Symbol after failure

[directory] truncation_length = 3
Parent dirs shown

[git_status] ahead = '⇡'
Git status symbols

conflicted modified staged untracked
Other git_status keys

[cmd_duration] min_time = 2_000
Show slow commands (ms)

[time] disabled = false
Show a clock (off by default)

[username] show_always = true
Always show the user

[status] disabled = false
Show exit codes (off by default)

MODULES (cont.)

[nodejs] disabled = true
Switch a module off

CUSTOM MODULES

[custom.*<name>*]
Define your own module

command = 'git rev-parse --short HEAD'
Output to display

DEBUG AND TUNING

starship explain
List what each shown module says

starship timings
Show module render times

starship module *<name>*
Render one module

PRESETS

starship preset --list
List presets

starship preset *<name>* -o ~/.config/starship.toml
Write a preset as your config

starship preset *<name>* -o *<file>* -f
Overwrite an existing file

starship preset *<name>*
Print a preset to stdout

no-runtimes
Hide language versions

RECIPES

Minimal one-line prompt

```
# ~/.config/starship.toml
add_newline = false
format =
"$directory$git_branch$character"
```

Fast start, then trim slow modules

```
starship timings
starship config command_timeout
1000
starship config nodejs.disabled
true
```