

Rio Terminal Configuration Cheatsheet

Overview & Config Path

Rio is a hardware-accelerated, cross-platform terminal emulator built in Rust using WebGPU/webgpu.

Configuration Path (config.toml)

- **Linux / macOS:** ~/.config/rio/config.toml
- **Windows:** %APPDATA%\rio\config.toml
- Configurations hot-reload automatically upon saving.

Window & Navigation ([window], [navigation])

Window Styling & Opacity

```
padding-x = 10
line-height = 1.0
```

```
[window]
width = 1000
height = 600
mode = "Windowed" # Windowed | Maximized
| Fullscreen
background-opacity = 0.92
blur = true
decorations = "Enabled" # Enabled | Disabled
```

Tabs & Navigation Modes

```
[navigation]
# Tab display mode
mode = "CollapsedTab"
# Options: CollapsedTab | TopTab | BottomTab | Breadcrumb | Plain
```

```
clickable = true
use-current-path = true
use-split = true
color-automation = []
```

Fonts & Renderer ([fonts], [renderer])

Font Configuration

```
[fonts]
size = 15
```

```
family = "Fira Code"
```

```
[fonts.bold]
family = "Fira Code"
weight = 700
```

```
[fonts.italic]
family = "Fira Code"
style = "italic"
```

Renderer Performance

```
[renderer]
# Performance: High (max refresh) | Low (power save)
performance = "High"
```

```
# Backend: Automatic | Metal | Vulkan | Dx12
backend = "Automatic"
```

```
# Pause rendering when unfocused (saves battery)
disable-renderer-when-unfocused = true
```

Cursor & Shell Environment

Cursor Style

```
# Cursor shape: 'block' | 'beam' | 'underline'
cursor = 'block'
blinking-cursor = false
hide-cursor-when-typing = true
```

Default Shell & Editor

```
editor = "nvim"
```

```
[shell]
program = "zsh"
args = ["--login"]
```

Keyboard & Platform Options

```
use-fork = false
working-dir = ""
option-as-alt = "Both" # macOS: map Option to Alt
```

Themes & Colors (theme, [colors])

Built-in Themes

```
theme = "nord"
# dracula, catpuccin-mocha, gruvbox, solarized-dark, etc.
```

Custom Color Palette

```
[colors]
background = '#24273A'
foreground = '#CAD3F5'
cursor = '#F4DBD6'
```

```
[colors.tabs]
active = '#8AADF4'
inactive = '#494D64'
```

```
[colors.regular]
black = '#494D64'
red = '#ED8796'
green = '#A6DA95'
yellow = '#EED49F'
blue = '#8AADF4'
magenta = '#F5BDE6'
cyan = '#8BD5CA'
white = '#B8C0E0'
```

Key Bindings ([bindings])

Default Shortcuts

- **New Tab:** Cmd/Ctrl + T
- **Close Tab:** Cmd/Ctrl + W
- **Next/Prev Tab:** Ctrl + Tab / Ctrl + Shift + Tab
- **Go to Tab N:** Cmd/Ctrl + 1~9
- **Split Right:** Cmd/Ctrl + Shift + D
- **Split Down:** Cmd/Ctrl + Shift + E
- **Close Pane:** Cmd/Ctrl + Shift + W
- **Font Size:** Cmd/Ctrl + + / - / 0
- **Copy / Paste:** Cmd/Ctrl + Shift + C / V

Custom Key Bindings

```
[bindings]
keys = [
  { key = "t", with = "super", action = "CreateTab" },
```

```
  { key = "w", with = "super", action = "CloseTab" },
  { key = "d", with = "super | shift", action = "SplitRight" },
  { key = "e", with = "super | shift", action = "SplitDown" },
  { key = "f", with = "super", action = "SearchHistory" },
  { key = "0", with = "super", action = "ResetFontSize" },
]
```

Practical Tips

- **GPU Optimization:** Enable `disable-renderer-when-unfocused = true` to save battery life.
- **Directory Sync:** Enable `navigation.use-current-path = true` so new tabs and splits inherit the current working directory.
- **macOS Meta Key:** Neovim/Emacs users should set `option-as-alt = "Both"`.