Hyprland

Dynamic tiling Wayland compositor

START HERE

Mod + **Q**
Open a terminal

Mod + **1-9**
Switch workspace

Mod + **R**
Open the launcher

Mod + **Shift** + **1-9**
Send window to workspace

Mod + **C**
Close the window

Mod + **V**
Toggle floating

Mod + **Arrows**
Focus a neighbour

hyprctl reload
Reload config

Monitor an output
Workspace numbered or named
Window tiled, floating or grouped

CONCEPTS

Mod is Super in the stock config (local mainMod = "SUPER"). Every key below is a default bind from the example hyprland.lua and is yours to change.

Since 0.55 the config is Lua (hyprland.lua); the old hyprlang syntax is deprecated. A bind is hl.bind("SUPER + Q", hl.dsp.exec_cmd("kitty")), keys joined with ' + '.

Dispatchers are actions (hl.dsp.*) that you pass to hl.bind(), or to hl.dispatch() inside a Lua function. Lua binds run on the compositor loop, so never block in them.

LAUNCH AND CLOSE

Mod + **Q** Open terminal

The command is the terminal variable at the top of hyprland.lua (kitty in the example).

Mod + **R** Open app launcher

Runs the menu variable (hyprlauncher in the example).

Mod + **E** Open file manager

Mod + **C**
Close focused window

Asks the app to close politely; a hung app needs window.kill.

Mod + **M** Quit Hyprland

Runs hyprshutdown if installed, else the exit dispatcher. uwsm users should swap this for uwsm stop.

hl.dsp.window.kill()
Kill the window's process (SIGKILL)

FOCUS AND MOVE

Mod + **Arrows**
Focus left / right / up / down

hl.dsp.window.move({ direction = "left" })
Move window in a direction

The example config has no key for this; bind it yourself.

hl.dsp.window.swap({ direction = "left" })
Swap with the neighbour

hl.dsp.window.cycle_next()
Focus next window

FOCUS AND MOVE (cont.)

hl.dsp.focus({ last = true })
Focus the previous window

hl.dsp.focus({ monitor = "right" })
Focus another monitor

hl.dsp.window.move({ monitor = "right" })
Send window to another monitor

LAYOUT AND STATE

Mod + **V** Toggle floating

Mod + **J** Toggle split direction

Dwindle layout only.

hl.dsp.window.fullscreen()
Toggle fullscreen

Bind it yourself; mode = "maximized" keeps gaps and bars.

hl.dsp.window.resize({ x = 10, y = 0, relative = true })
Resize by pixels

hl.dsp.group.toggle()
Make / dissolve a tabbed group

WORKSPACES

Mod + **1-9**
Switch to workspace N

Mod+0 goes to workspace 10.

Mod + **Shift** + **1-9**
Move window to workspace N

Mod+Shift+0 moves to workspace 10.

Mod + **Scroll**
Next / previous open workspace

mouse_down is e+1, mouse_up is e-1.

Mod + **S**
Toggle scratchpad workspace

Special workspace named magic.

Mod + **Shift** + **S**
Send window to scratchpad

focus({ workspace = "name:<name>" })
Go to a named workspace

focus({ workspace = "previous" })
Back to previous workspace

focus({ workspace = "e+1" })
Next open workspace

+1 is by ID, m+1 on this monitor, r+1 includes empty ones.

WORKSPACES (cont.)

focus({ workspace = "empty" })
First free workspace

MOUSE

Mod + **LMB** Drag a window

Bound with { mouse = true } to window.drag().

Mod + **RMB** Resize a window

Bound to window.resize(); LMB is mouse:272, RMB mouse:273.

BIND SYNTAX

hl.bind(<keys>, <dispatcher>, { <flags> })
Define a keybind

Keys are a string like "SUPER + SHIFT + Q"; a Lua function works in place of a dispatcher.

hl.bind("SUPER + code:28", ...)
Bind by keycode

Find codes and key names with wev; names are the XKB_KEY_ suffix.

hl.unbind("SUPER + O")
Remove a bind

Case-sensitive: must match the original string exactly.

hl.dsp.exec_cmd(<cmd>)
Run a shell command

{ repeating = true }
Repeat while held

{ locked = true }
Work on the lock screen

{ release = true }
Fire on key release

SUBMAPS

hl.dsp.submap("<name>")
Enter a submap

hl.dsp.submap("reset")
Leave to the global binds

Always give a submap an exit bind; otherwise hyprctl dispatch 'hl.dsp.submap("reset")' rescues you.

hl.define_submap("<name>", function() ... end)
Define the binds in a submap

MEDIA AND GLOBAL

XF86AudioRaiseVolume
Volume key bind with wpctl

Use { locked = true, repeating = true } so it works on the lock screen and when held.

HYPRCTL

hyprctl reload
Reload the config

hyprctl reload full-reset also switches between Lua and hyprlang; use sparingly.

hyprctl dispatch '<lua dispatcher>'
Run a dispatcher now

Example: hyprctl dispatch 'hl.dsp.focus({ workspace = "3" })'.

hyprctl clients
List windows with properties

hyprctl monitors
List monitors

monitors all includes disabled ones.

hyprctl activewindow
Show the focused window

Handy for class and title when writing window rules.

hyprctl workspaces
List workspaces

hyprctl binds
List all registered binds

hyprctl devices
List keyboards, mice and switches

hyprctl getoption <section.option>
Read a config value

hyprctl configerrors
Show config parse errors

hyprctl eval '<lua>'
Run Lua in the compositor

hyprctl -j <command>
JSON output

Pipe to jq in scripts.

RECIPES

Core binds

```
local mainMod = "SUPER"
hl.bind(mainMod .. " + Q",
hl.dsp.exec_cmd("kitty"))
hl.bind(mainMod .. " + C",
hl.dsp.window.close())
hl.bind(mainMod .. " + V",
hl.dsp.window.float({ action =
"toggle" }))
```

Resize submap

```
hl.bind("ALT + R",
hl.dsp.submap("resize"))
hl.define_submap("resize",
function()
  hl.bind("right",
hl.dsp.window.resize({ x = 10, y
= 0, relative = true }),
{ repeating = true })
  hl.bind("escape",
hl.dsp.submap("reset"))
end)
```