Sway Wayland tiling compositor

CONCEPTS

Mod is Super (Mod4) in the stock /etc/sway/config; copy it to ~/.config/sway/config and edit. h j k l or the arrow keys move; the launcher and terminal are whatever $menu and $term name.

Output a monitor
- **Workspace** one named desktop
  - **Container** split, stacked or tabbed
    - **Window** leaf of the tree

Sway is an i3-compatible Wayland compositor: same tree model and almost the same commands, but X11 tools (xrandr, xdotool) do not apply.

Config: ~/.config/sway/config. Mod+Shift+c reloads it; there is no restart, a crash ends the session.

FOCUS

Mod + Arrows
Focus left / down / up / right

Mod + a
Focus parent container

Mod + Space
Toggle focus tiling / floating

Mod + Shift + q
Kill focused window

`focus output <dir>`
Focus another monitor

`[app_id="<name>"] focus`
Jump to a window by criteria

MOVE WINDOWS

Mod + Shift + Arrows
Move window left / down / up / right

Mod + Shift + 1-9
Move window to workspace

`move container to output <dir>`
Send window to another monitor

`swap container with con_id <id>`
Swap two windows

LAYOUTS AND SPLITS

Mod + b
Next window opens beside this one

Mod + v
Next window opens below this one

Mod + f Toggle fullscreen

Mod + s Stacking layout

Mod + w Tabbed layout

Mod + e
Toggle split layout, h / v

`layout toggle all`
Cycle through every layout

WORKSPACES

Mod + 1-9
Switch to workspace N

`workspace back_and_forth`
Toggle with previous workspace

`workspace next / workspace prev`
Cycle through used workspaces

`workspace number <n>:<name>`
Switch to a named workspace

`move workspace to output <dir>`
Send workspace to another monitor

FLOATING AND SCRATCHPAD

Mod + Shift + Space
Toggle floating

Mod + Left-drag
Move a floating window

Mod + Right-drag
Resize a floating window

Mod + Shift + -
Send window to scratchpad

Mod + -
Show / hide scratchpad window

`for_window [app_id="<name>"] floating enable`
Always float an app (config)

RESIZE

Mod + r Enter resize mode

RESIZE (cont.)

h / j / k / l
Shrink width / grow height / shrink height / grow width

Enter / Esc
Leave resize mode

SESSION AND CONFIG

Mod + Enter Open terminal

Mod + d Open launcher

Mod + Shift + c
Reload config

Mod + Shift + e
Exit sway (asks first)

`sway -C`
Check the config for errors

`swaymsg <command>`
Run any sway command from a shell

`bindsym $mod+<key> <command>`
Bind a key to a command (config)

`exec <command>`
Start once at login (config)

`exec_always <command>`
Also run on every reload (config)

`set $mod Mod4`
Use Super as the modifier (config)

`output <name> resolution <w>x<h> position <x> <y>`
Configure a monitor (config)

`input type:keyboard xkb_layout <layout>`
Set keyboard layout (config)

RECIPES

Scratchpad terminal

```
# config
bindsym $mod+Shift+minus move
scratchpad
bindsym $mod+minus scratchpad
show
for_window [app_id="scratch"]
move scratchpad
# foot --app-id scratch &
```

Resize mode

```
mode "resize" {
    bindsym l resize grow width
10px
    bindsym Escape mode "default"
}
bindsym $mod+r mode "resize"
```