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"
```