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1 Help

opens a rofi menu with all man pages, displays the selected man page in zathura

super + shift + F1

```
~/.config/bspwm/scripts/browse_man_pages.py
```

open bspwm man page as pdf in zathura

super + F1

```
man -Tpdf bspc | zathura -
```

open sxhkdrc help

super + ctrl + F1

```
$HOME/.config/bspwm/scripts/sxhkdrc_help.py
```

2 Terminal

open the terminal

super + Return

```
$TERMINAL -e tmux -2
```

3 Rofi

all open windows

super + w

```
rofi -show window -terminal $TERMINAL -dpi 0 -theme $ROFI_THEME -modi\
window>windowcd
```

start an application

super + e

```
rofi -show-icons -terminal $TERMINAL -show run -dpi 0 -theme $ROFI_THEME \
-modi run,drun,ssh
```

4 Screenshots

fullscreen screenshot

@Print

```
spectacle --background
```

Select region for screenshot

@shift+Print

```
spectacle --background --region
```

5 Brightness/Volume

Raise/Lower Brightness/Volume

XF86Audio{Raise,Lower}Volume

```
volume_ctl.sh {+5,-10}
```

Increase/decrease brightness

{_,shift+}XF86MonBrightness{Up,Down}

```
brightness_ctl.sh {+5,+1,-5,-1}
```

Toggle screen brightness between 1%/100%

super + shift + b

```
toggle_brightness.py
```

Raise/Lower volume

super+{shift+,_}{equal,minus}

```
{brightness_ctl.sh,volume_ctl.sh} {+5,-5}
```

6 BSPWM

6.1 Layouts

alternate between the tiled and monocle layout

super + Tab

```
bspc desktop -l next
```

put current window in its own tabbed window, remove it from tabbed, or tab all windows

super + t; {c,r,a}

```
tabbed_company.py {create,remove,all}
```

join current window with tabbed in DIR

super + t; {Left,Up,Down,Right}

```
tabbed_company.py join $(bspc query -N -n {west,north,south,east})
```

Mark the current desktop as tiled

super + shift + t

```
set_tiled.py
```

6.2 Moving windows

swap the current node and the biggest node

super + *s*

```
bspc node -s biggest.local
```

move a single floating window into the corner

super + *v*

```
~/ .config/bspwm/scripts/move_floating.py
```

Rotate nodes

super + {*_, shift*} + *r*

```
bspc node {@/ --rotate 90,@parent --rotate 270}
```

Preselect a direction to spawn new windows into or move existing window

super + *ctrl* + {*Left, Right, Up, Down*}

```
bspc node --presel-dir {\~west,\~east,\~north,\~south}
```

Move the focused window into a preselection

super + *a*

```
bspc node --to-node `bspc query -N -n '!.automatic'`
```

6.3 Resizing

resize root node to 30%/70%

super + {*_, shift*} + *z*

```
bspc node @/ --ratio {0.3,0.7}
```

Increase decrease windows gaps in current desktop

super + {*F7, F8*}

```
bspc config -d focused window_gap ${(`bspc config -d focused window_gap` {+,-} ${((8*GDK_S
```

Set windows gaps in current desktop to 0

super + F9

```
bspc config -d focused window_gap 0
```

balance nodes

super + b

```
bspc node @/ --balance
```

contract a window by moving one of its side inward

super + ctrl + shift + {h,j,k,l}

```
resize.py {left,down,up,right} $((GDK_SCALE*30))
```

contract a window by moving one of its side inward

super + ctrl + shift + {Left,Down,Up,Right}

```
~/config/bspwm/scripts/resize.py {left,down,up,right} $((GDK_SCALE*30))
```

6.4 Window states

close/kill focused node

super + {_,shift} + q

```
tab_aware_close.py {close,kill}
```

toggle window state tiled/floating/fullscreen

super + {space,f}

```
bspc node -t {\~floating,\~fullscreen}
```

make current window sticky

super + {shift} + {s,m,x}

```
bspc node --flag {sticky,\~marked,hidden}
```

restore/replace current node with hidden

super + {ctrl,shift} + x

```
~/config/bspwm/scripts/replace_with_hidden.py {show,swap}
```

hide all windows except focused

super + alt + x

```
~/ .config/bspwm/scripts/hide_all.py
```

Select a window to kill

@super + ctrl + shift + k

```
xkill
```

6.5 Desktops and monitors

focus desktop {1-9,0} (or bounce to last desktop)

super + {1-9,0}

```
target='focused:~{1-9,10}'; \  
[ "$(bspc query -D -d "$target")" != "$(bspc query -D -d)" ] \  
&& bspc desktop -f "$target" || bspc desktop -f last.local
```

send to the given desktop

super + shift + {1-9,0}

```
bspc node --to-desktop 'focused:~{1-9,10}'
```

move and switch windows between monitors

super + {_,shift +} {comma, period}

```
bspc {monitor --focus,node --to-monitor} {prev,next}
```

6.6 Session Control

Lock screen

super + ctrl + shift + x

```
i3lock -e -B --force-clock --keylayout 0 --insidecolor 1e58a46a --indicator
```

shutdown menu

super + shift + e

```
oblogout
```

Quit bspwm

```
super + ctrl + shift + q  
    bspc quit
```

Restart bspwm

```
@super + ctrl + shift + r  
    xfce4-panel -r -d;\n    bspc wm --restart
```

6.7 Selecting windows

focus the node in the given direction

```
super + {_,shift + }{h,j,k,l}  
    bspc node --{focus,to-node} {west,south,north,east}
```

focus the node in the given direction

```
super + {_,shift + }{Left,Down,Up,Right}  
    bspc node --{focus,to-node} {west,south,north,east}
```

switch between windows when in monocle mode

```
super + {_,shift + } c  
    bspc node --focus '{next,prev}.local.!hidden.window'
```

focus the node for the given path jump

```
super + {p,o}  
    bspc node -f @{parent,brother}
```

7 Apps

8 terminal apps

Terminal apps with large font size

```
super + i ; {m,h,n,r,f,p,s}  
    $TERMINAL -w $((23*GDK_SCALE)) -e {ncmcpp,htop,newsboat,tuir --enable-media,lf,podboat -
```

File manager

super + ctrl + f

```
$TERMINAL -e ranger
```

9 GUI apps

GUI apps with no need for graphics card acceleration

super + g ; {c,f,g,t,q,r,z}

```
{calibre, foliate, gimp, telegram-desktop, transmission-qt, remmina, zeal}
```

GUI apps that require graphics card assistance (via optirun)

super + shift + g ; {f,d}

```
start_with_optirun.sh {firefox,darktable}
```

Web browser

super + ctrl + w

```
start_with_optirun.sh qutebrowser
```

IDE

super + ctrl + e

```
emacsclient -c -a ""
```

10 Scratchpad

Terminal dropdown

super + d

```
$HOME/.config/bspwm/scripts/scratchpad_term.py -c dropdown_term -w 0.8 \  
-ht 0.65 -x 0.1 -y $((GDK_SCALE*20)) --termflags -e tmux -2
```

calculator dropdown

super + ctrl + c

```
$HOME/.config/bspwm/scripts/scratchpad_term.py -c dropdown_calc -w 0.3 \  
-ht 0.3 -x 0.35 -y 0.7 --termflags -e bc
```


ipython dropdown

super + ctrl + i

```
$HOME/.config/bspwm/scripts/scratchpad_term.py -c dropdown_ipython -w 0.3 \  
-ht 0.8 -x 0.7 -y 0.1 --termflags -e ipython
```

11 Reload sxhkd

make sxhkd reload its configuration files:

super + Escape

```
pkill -USR1 -x sxhkd
```