

# Linux Desktop

Some usage tips and fixes for Linux Desktop Environment(s)

## JWM stuff

*dumped...*

[jwm\\_key\\_mask.txt](#)

```
jwm mask modifier  
- mod key map can be checked using xmodmap -pm
```

My last used config - requires xdgmenuaker (getslackbuild)

[dot-jwmrc](#)

```
<?xml version="1.0"?>  
<JWM>  
  <RootMenu onroot="3">  
    <Program icon="terminal.png" label="Terminal">st -g  
110x35</Program>  
    <Program icon="file-manager.png" label="File  
Manager">rox</Program>  
    <Program icon="text-editor.png"  
label="Editor">geany_space</Program>  
    <Program icon="browser.png" label="Browser">firefox</Program>  
    <Separator/>  
    <Program icon="drive-harddisk.png" label="Mount  
Tool">mylpmount-gtk</Program>  
    <Separator/>  
    <Include>exec: xdgmenuaker -n -i -f jwm</Include>  
    <Separator/>  
    <Program icon="reload3.png" label="Reload Menu">jwm -  
reload</Program>  
    <Restart icon="reload.png" label="Restart JWM"/>  
    <Exit icon="exit.png" label="Exit JWM"/>  
    <Separator/>  
    <Program icon="redo.png" label="Reboot">loginctl  
reboot</Program>  
    <Program icon="system-shutdown.png" label="Shutdown">loginctl  
poweroff</Program>  
  </RootMenu>  
  <Group>  
    <Name>st</Name>  
    <Option>cascaded</Option>
```

```
</Group>
<Tray x="0" y="0" autohide="off">
  <TrayButton label="MY1">root:3</TrayButton>
  <Spacer width="2"/>
  <TrayButton label="Desktop">showdesktop</TrayButton>
  <Spacer width="2"/>
  <Pager labeled="true"/>
  <TaskList maxwidth="256"/>
  <Dock/>
  <Clock format="%Y%m%d %H:%M"></Clock>
</Tray>
<WindowState>
  <Font>Sans - 10:bold</Font>
  <Width>4</Width>
  <Height>21</Height>
  <Corner>3</Corner>
  <Foreground>#FFFFFF</Foreground>
  <Background>#555555</Background>
  <Outline>#000000</Outline>
  <Opacity>0.5</Opacity>
  <Active>
    <Foreground>#FFFFFF</Foreground>
    <Background>#0077CC</Background>
    <Outline>#000000</Outline>
    <Opacity>1.0</Opacity>
  </Active>
</WindowState>
<TrayStyle group="true" list="desktop">
  <Font>Sans - 10</Font>
  <Background>#333333</Background>
  <Foreground>#FFFFFF</Foreground>
  <Outline>#000000</Outline>
  <Opacity>0.75</Opacity>
</TrayStyle>
<TaskListStyle>
  <Font>Sans - 10</Font>
  <Active>
    <Foreground>#FFFFFF</Foreground>
    <Background>#555555</Background>
  </Active>
  <Foreground>#FFFFFF</Foreground>
  <Background>#333333</Background>
</TaskListStyle>
<PagerStyle>
  <Outline>#000000</Outline>
  <Foreground>#555555</Foreground>
  <Background>#333333</Background>
  <Text>#FFFFFF</Text>
  <Active>
    <Foreground>#0077CC</Foreground>
```

```

        <Background>#004488</Background>
    </Active>
</PagerStyle>
<MenuStyle>
    <Font>Sans - 10</Font>
    <Foreground>#FFFFFF</Foreground>
    <Background>#333333</Background>
    <Outline>#000000</Outline>
    <Active>
        <Foreground>#FFFFFF</Foreground>
        <Background>#0077CC</Background>
    </Active>
    <Opacity>0.85</Opacity>
</MenuStyle>
<PopupStyle>
    <Font>Sans - 10</Font>
    <Foreground>#000000</Foreground>
    <Background>#999999</Background>
</PopupStyle>
<IconPath>/usr/share/icons/hicolor/16x16/apps</IconPath>
<IconPath>/usr/share/icons/Tango/16x16/apps</IconPath>
<IconPath>/usr/share/icons/Tango/16x16/actions</IconPath>
<IconPath>/usr/share/icons/Tango/16x16/devices</IconPath>
<IconPath>/usr/share/icons/Tango/16x16/categories</IconPath>
<IconPath>/usr/share/icons/Tango/16x16/mimetypes</IconPath>
<IconPath>/usr/share/icons/Adwaita/16x16/apps</IconPath>
<IconPath>/usr/share/icons/Adwaita/16x16/actions</IconPath>
<IconPath>/usr/share/icons/Adwaita/16x16/categories</IconPath>
<IconPath>/usr/share/pixmaps</IconPath>
<IconPath>/usr/share/jwm</IconPath>
<Desktops width="2" height="1">
    <!--<Background type="solid">#111111</Background>-->
    <Background
type="scale">/usr/share/jwm/slackwall.png</Background>
</Desktops>
<!-- Double click speed (in milliseconds) -->
<DoubleClickSpeed>400</DoubleClickSpeed>
<!-- Double click delta (in pixels) -->
<DoubleClickDelta>2</DoubleClickDelta>
<!-- The focus model (sloppy or click) -->
<FocusModel>click</FocusModel>
<!-- The snap mode (none, screen, or border) -->
<SnapMode distance="10">border</SnapMode>
<!-- The move mode (outline or opaque) -->
<MoveMode>opaque</MoveMode>
<!-- The resize mode (outline or opaque) -->
<ResizeMode>opaque</ResizeMode>
<!-- Key bindings -->
<Key key="Up">up</Key>
<Key key="Down">down</Key>
<Key key="Right">right</Key>

```

```
<Key key="Left">left</Key>
<Key key="h">left</Key>
<Key key="j">down</Key>
<Key key="k">up</Key>
<Key key="l">right</Key>
<Key key="Return">select</Key>
<Key key="Escape">escape</Key>
<Key mask="A" key="p">exec:dmenu_run -b</Key>
<Key mask="A" key="Tab">nextstacked</Key>
<Key mask="A" key="F4">close</Key>
<Key mask="A" key="#">desktop#</Key>
<Key mask="A" key="F1">root:3</Key>
<Key mask="A" key="F2">window</Key>
<Key mask="A" key="F5">move</Key>
<Key mask="A" key="F6">resize</Key>
<Key mask="A" key="F10">maximize</Key>
<Key mask="A" key="F11">fullscreen</Key>
<Key mask="A" key="Right">rdesktop</Key>
<Key mask="A" key="Left">ldesktop</Key>
<Key mask="A" key="Up">udesktop</Key>
<Key mask="A" key="Down">ddesktop</Key>
<Key mask="CA" key="Up">maxtop</Key>
<Key mask="CA" key="Down">maxbottom</Key>
<Key mask="CA" key="Right">maxright</Key>
<Key mask="CA" key="Left">maxleft</Key>
<Key mask="C4" key="v">maxv</Key>
<Key mask="C4" key="h">maxh</Key>
<Key mask="CA" key="l">exec:xlock -mode matrix</Key>
<Key mask="CA" key="m">exec:mylpmount-gtk</Key>
<Key mask="CA" key="plus">exec:volume +</Key>
<Key mask="CA" key="minus">exec:volume -</Key>
<Key mask="AS" key="Return">exec:st -g 110x35</Key>
<StartupCommand>nm-applet</StartupCommand>
<SnapMode>none</SnapMode>
</JWM>
```

## DWM stuff

*dumped...*

[dwm\\_hotkeys.txt](#)

```
Mod = Alt

[Shift]+[Mod]+[Enter] - launch terminal.
[Mod]+[b]             - show/hide bar.
[Mod]+[p]             - dmenu
```

```

[Mod]+[Enter]      - swap master with top stack
[Mod] + [j / k]    - focus on next/previous window in current tag.
[Mod] + [h / l]    - increases / decreases master size.

[Mod]+[2]          - moves your focus to tag 2.
[Shift]+[Mod]+[2] - move active window to the 2 tag.

[Mod] + [i / d]    - increases / decreases number of windows on
master
[Mod] + [, / .]    - move focus between screens (multi monitor
setup)
[Shift]+[Mod]+[, / .] - move active window to different screen.

[Mod]+[0]          - view all windows on screen.
[Shift]+[Mod]+[0] - make focused window appear on all tags.
[Shift]+[Mod]+[c] - kill active window.
[Shift]+[Mod]+[q] - quit dwm cleanly.

[Mod]+[t]          - tiling mode
[Mod]+[f]          - floating mode
[Mod]+[m]          - monocle mod

[Mod]+[R M B]     - to resize the floating window.
[Mod]+[L M B]     - to move the floating window around.
[Mod]+[Space]     - toggles to the previous layout mode.
[Mod]+[Shift]+[Space] - to make an individual window float.
[Mod]+[M M B]     - to make an individual window un-float.

```

### [st\\_hotkeys.txt](#)

```

[Shift]+[Mod]+[PageUp] - increase font size
[Shift]+[Mod]+[PageDn] - decrease font size
[Shift]+[Mod]+[Home]   - reset font size

```

## Generic Stuff

Applicable to most (if not all) DE/WM.

## Geany on multiple workspaces

### [geany\\_space](#)

```

#!/bin/bash
# from:
https://unix.stackexchange.com/questions/246827/geany-open-a-new-instan

```

## ce-per-workspace-when-opening-a-file-in-that-workspace

```
socket=$(xprop -root _NET_CURRENT_DESKTOP)
socket=${socket##* }

if [ "$socket" ] ; then
    if [ "$DISPLAY" ] ; then
        socket="${DISPLAY%.*}-$socket"
        socket=${socket#*:}
    else
        socket="NODISPLAY-$socket"
    fi
    exec geany --socket-file "/tmp/geany_socket_$socket" "$@"
else
    exec geany "$@"
fi
```

## geany\_space.desktop

```
[Desktop Entry]
Type=Application
Version=1.0
Name=Geany (Workspace)
Comment=Geany wrapper to detect workspace
Exec=geany_space %F
Icon=geany
Terminal=false
Categories=Development;IDE;
MimeType=text/plain;text/x-chdr;text/x-csrc;text/x-c++hdr;text/x-c++src;text/x-java;text/x-dsrc;text/x-pascal;text/x-perl;text/x-python;application/x-php;application/x-httpd-php3;application/x-httpd-php4;application/x-httpd-php5;application/xml;text/html;text/css;text/x-sql;text/x-diff;
StartupNotify=true
Keywords=Text;Editor;
```

## Using xdg-mime

### Dumped

```
- get mime type of <filename>
$ xdg-mime query filetype <filename>

- get currently set default app for a <mime/type>
$ xdg-mime query default <mime/type>

- set a new default app for a <mime/type>
```

```
$ xdg-mime default app.desktop <mime/type>
```

## User Applications

Some specific use-cases (for my personal reference)

- Video subtitle (\*.srt) editor - gaupol (apt,slackbuilds)

## XFCE: Slackware64-15.0

Icons for extra/unused partitions on my hard disk are shown on XFCE desktop. I DO NOT want this!

- Create a udev rule in udev/rules.d path

[10-hdpart.rules](#)

```
KERNEL=="sda3", ENV{UDISKS_IGNORE}="1"
KERNEL=="sda4", ENV{UDISKS_IGNORE}="1"
```

- add more lines as required
- Reload udev rules

```
udevadm control --reload-rules && udevadm trigger
```

## XFCE: Clock Panel

Custom Digital Clock settings on XFCE

```
<span size='x-small'>%Y%m%d%n</span><b>%H:%M:%S</b>
```

```
<span size='x-small'><i>%Y-%m-%d</i>%n</span><span
size='small'><b>%T</b></span>
```

```
<span size='small'><b>%Y%m%d</b></span> %H:%M:%S
```

## XFCE: Terminal Shortcut for Thunar

**Note20230501** No longer needed? Simply go Edit>Configure custom actions... and set it there.

There is already a User Custom Action (UCA) defined to 'Open Terminal Here' - so we just need to add a shortcut.

- Find that UCA id from `~/.config/Thunar/uca.xml`
- Locate that id in `~/.config/Thunar/acceels.scm`
  - uncomment and add shortcut key, e.g. F4

## XFCE: Quake-Style Terminal

XFCE4 terminal can actually run in a drop-down mode (Quake-style):

```
xfce4-terminal --drop-down --hide-menubar
```

Use keyboard settings (Settings→Keyboard): Create new entry in 'Application Shortcuts' tab with the previous command, with `<F12>` as trigger key.

## XFCE: Remove Suspend/Hibernate Button

As root,

```
xfconf-query -c xfce4-session -np '/shutdown/ShowSuspend' -t 'bool' -s 'false'  
xfconf-query -c xfce4-session -np '/shutdown/ShowHibernate' -t 'bool' -s 'false'  
xfconf-query -c xfce4-session -np '/shutdown/ShowHybridSleep' -t 'bool' -s 'false'
```

Also doable from 'Settings Editor' in X... but, I do not like to have X stuff in my root account.

## XFCE: Multi-User

Copying XFCE settings for other users:

[clone-xfceconf](#)

```
#!/bin/bash  
  
DSTUSER=$1  
SRCUSER=`pwd`  
SRCTEST=`dirname $SRCUSER`  
  
while [ 1 ] ; do  
  [ "$SRCTEST" == "/" ] &&  
    echo "Cannot find /home in current path!" && exit 1  
  [ "$SRCTEST" == "/home" ] && break;  
  SRCUSER=`basename $SRCTEST`  
  SRCTEST=`dirname $SRCTEST`  
done
```

```
echo "Using user '$SRCUSER' as source!"

DSTHOME="/home/$DSTUSER"
SRCHOME="/home/$SRCUSER"

[ "$DSTUSER" == "" ] &&
    echo "Please provide target username!" && exit 1

[ "$DSTUSER" == "$SRCUSER" ] &&
    echo "Target ($DSTUSER) same as source ($SRCUSER)?" && exit 1

[ ! -d "$DSTHOME" ] &&
    echo "Cannot find target user path '$DSTHOME'!" && exit 1

[ ! -d "$SRCHOME" ] &&
    echo "Cannot find source user path '$SRCHOME'!" && exit 1

[ $UID -ne 0 ] && echo -e "\nMust run as root!\n" && exit 1

CHKCONF="Terminal Thunar autostart geany xfce4"

for conf in $CHKCONF ; do
    DSTCONF="$DSTHOME/.config/$conf"
    SRCCONF="$SRCHOME/.config/$conf"
    echo -n "Deleting $DSTCONF... "
    rm -rf $DSTCONF
    echo "done."
    echo -n "Copying $SRCCONF as $DSTCONF..."
    cp -a $SRCCONF `dirname $DSTCONF`
    chown -R $DSTUSER:users $DSTCONF
    echo "done."
done
```

## Cinnamon: Terminal Shortcut for Nemo

Shortcut for nemo file manager

- \$HOME/.gnome2/accels/nemo

```
(gtk_accel_path "<Actions>/DirViewActions/OpenInTerminal" "F4")
```

## Cinnamon: Shortcuts

**Note:** Super key is the Windows key

## [shortcuts.txt](#)

```
Ctrl+Alt+Down: Show the window selection screen
Ctrl+Alt+Up: Show the workspace selection screen
Ctrl+Alt+End: Shut down dialog
Super+D: Show the desktop
Alt+F2: Run dialog
Alt+F8: Resize window
Alt+F7: Move window
Super+Left: Push tile left
Super+Right: Push tile right
Super+Up: Push tile up
Super+Down: Push tile down
Ctrl+Super+Left: Push snap left +
Ctrl+Super+Right: Push snap right
Ctrl+Super+Down: Push snap down
Shift+Ctrl+Alt+Left: Move window to left workspace
Shift+Ctrl+Alt+Right: Move window to right workspace
Super+Shift+Left: Move window to left monitor
Super+Shift+Right: Move window to right monitor
Super+Shift+Up: Move window to up monitor
Super+Shift+Down: Move window to down monitor
Alt+F5: Un-maximize window
Alt+F4: Minimize window
Alt+Space: Activate window menu
Alt+F10: Toggle maximization state
```

## [shortcuts\\_check.txt](#)

```
Super+P: Re-detect display devices
```

# Cinnamon: Disable Recent Files

Option is in Menu > Preferences > Privacy

From:

<http://azman.unimap.edu.my/dokuwiki/> - Azman @UniMAP

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[http://azman.unimap.edu.my/dokuwiki/doku.php?id=linux:linux\\_desktop&rev=1693276983](http://azman.unimap.edu.my/dokuwiki/doku.php?id=linux:linux_desktop&rev=1693276983)

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