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 xdgmenumaker (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">my1pmount-gtk</Program>
        <Separator/>
        <Include>exec: xdgmenumaker -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>
    <WindowStyle>
        <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>
    </WindowStyle>
    <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:my1pmount-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;
```

Useful Desktop Files

The *.desktop files provide menu entry for applications.

arduino-ide.desktop

```
[Desktop Entry]
Type=Application
Version=1.0
Name=Arduino IDE (App-Image)
Comment=Arduino IDE
Exec=/home/share/appx/app-image/arduino-ide %F
#Icon=
```

```
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;
```

android-studio.desktop

```
[Desktop Entry]
Version=1.0
Type=Application
Name=Android Studio
Comment=
Exec=env JAVA_HOME=/home/share/appx/android-studio/jbr
/home/share/appx/android-studio/bin/studio.sh
Icon=/home/share/appx/android-studio/bin/studio.png
Path=/home/share/appx/android-studio/bin
Categories=Development;IDE;
Terminal=false
StartupWMClass=jetbrains-studio
StartupNotify=true
```

xfig.desktop

```
[Desktop Entry]
Encoding=UTF-8
Version=1.0
Type=Application
NoDisplay=true
Exec=/usr/bin/xfig -nowrite_bak %f
Name=xfig -nowrite_bak
Comment=Custom definition for xfig -nowrite_bak
```

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/accels.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

```
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'
```

Sometimes this is also annoying?

```
xfconf-query -c xfce4-session -np '/shutdown/ShowSwitchUser' -t 'bool' -s
'false'
```

XFCE: Multi-User

***Note**: Latest version should be here*

Copying XFCE settings for other users:

clone-xfceconf

```
#!/bin/bash

DSTUSER=$1
[ -z "$DSTUSER" ] && echo "** Missing target username!" && exit 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"

[ "$DSTUSER" == "$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

DST_GRP=$(groups $DSTUSER | sed 's/.* : \([^[:space:]]*\).*$/\1/')
echo "-- Target:{$DSTUSER:$DST_GRP}"
[ $UID -ne 0 ] && echo -e "\n** Must run as root!\n" && exit 1

CHKCONF="Thunar geany xfce4"
for conf in $CHKCONF ; do
    SRCCONF="$SRCHOME/.config/$conf"
    [ ! -d "$SRCCONF" ] && continue
    DSTCONF="$DSTHOME/.config/$conf"
    if [ -d "$DSTCONF" ] ; then
        echo -n "-- Deleting $DSTCONF... "
        rm -rf $DSTCONF
        [ $? -ne 0 ] && echo -n "**error0** "
        echo "done."
    fi
    echo -n "-- Copying $SRCCONF as $DSTCONF... "
    cp -a $SRCCONF $(dirname $DSTCONF)
    [ $? -ne 0 ] && echo -n "**error1** "
    chown -R $DSTUSER:$DST_GRP $DSTCONF
    [ $? -ne 0 ] && echo -n "**error2** "
    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:
https://azman.my1matrix.cc/ - **Azman @MY1**

Permanent link:
https://azman.my1matrix.cc/doku.php?id=linux:linux_desktop

Last update: **2026/02/08 03:46**