

## :: Welcome to Manjaro JWM Edition ::



Manjaro Linux is a fast, user-friendly, desktop-oriented operating system based on Arch Linux. Key features include intuitive installation process, automatic hardware detection, stable rolling-release model, ability to install multiple kernels, special Bash scripts for managing graphics drivers and extensive desktop configurability. For more information at <https://goo.gl/rFRFiH>.

JWM (Joe's Window Manager) is a featherweight window manager for Xorg written in C. It is under active development and maintained by Joe Wingbermuehle. It is the default window manager base for distributions such as Puppy Linux and Damn Small Linux. JWM uses approximately 5 MB of resident memory under normal operating conditions. As of January 2009, the size of the version present in the official Arch Linux repositories is under 76 KB packaged (compare to dwm at under 17 KB) and under 171 KB installed (compare to dwm at 68 KB). A minimally compiled version consumes approximately 136 KB of disk space and occupies under 1500 KB of resident memory. For more information at <http://goo.gl/fwDkUL>.

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### 1- Observations

- The default mod-key is <Mod4> (windows-key).
- The default mod-key is <Mod1> (Alt).
- To comment on some parameter files JWM use <!-- input parameter -->. To uncomment remove <!-- -->.
- To open PCManFM, only click in Explore Files (in Menu).
- Use the Firefox, only click in Browser (in Menu).
- You can change the wallpaper, only click in Background (in Menu).
- You can change the gtk-theme with Customize Look (in Menu > Settings).

### 2- Application Shortcuts

- Open web browser with Firefox = <Super + b>.
- Open Explorer with filemanager PCManFM = <Super + f>.
- Open terminal with Sakura = <Super + t>.

- Run commands with gmrn = <Super + r>.

### **Menu Shortcuts**

- Show Menu JWM = <Alt + F1>.

### **Lock Shortcuts**

- Lock screen with i3lock = <Super + l>.

### **Reconfigure JWM Shortcuts**

- Reconfigure JWM = <Ctrl + r>.

### **Dmenu Shortcuts**

- Open Dmenu = <Super + d>.

### **Audio Shortcuts**

- Amixer set Master 5%+ = <Mod4 + Down>.
- Amixer set Master 5%- = <Mod4 + Up>.
- Amixer set Master mute = <Mod4 + 0>.

### **Toggle Shortcuts**

- Maximize a window to the top half of the screen = <Ctrl + Up>.
- Maximize a window to the bottom half of the screen = <Ctrl + Down>.
- Maximize a window to the left half of the screen = <Ctrl + Left>.
- Maximize a window to the right half of the screen = <Ctrl + Right>.

## **3– Some Applications Menu**

- Application Finder = in Menu > Accessories.
- Root Terminal = in Menu > Accessories.
- Viewnior Image = in Menu > Graphics.
- LXMusic Music = in Menu > Multimedia.
- SMPlayer Video = in Menu > Multimedia.
- Firefox Browser = in Menu > Network.
- XChat IRC = in Menu > Network.
- AbidWord Writer = in Menu > Office.
- Gnumeric Calc = in Menu Office.
- Customize Look = in Menu > Settings.
- Manjaro Settings Manager = in Menu > Settings.
- Gparted HD = in Menu > System.

- GUFW Firewall = Menu > System.
- Conky Manager = in Menu > Configure.

#### 4– Applications JWM

- Reconfigure = in Menu > Configure > JWM Manager.
- Integrity = in Menu > Configure > JWM Manager.
- Menu = in Menu > Configure > JWM Manager.
- Tray = in Menu > Configure > JWM Manager.
- Start = in Menu > Configure > JWM Manager.
- Theme = in Menu > Configure > JWM Manager.
- Keys = in Menu > Configure > JWM Manager.
- Groups = in Menu > Configure > JWM Manager.
- Preferences = in Menu > Configure > JWM Manager.

#### 5– Scripts for Installation

- AUR = in Menu > System > Script All.
- Multimedia = in Menu > System > Script All.
- OpenJDK = in Menu > System > Script All.
- Printing = in Menu > System > Script All.
- Firewall = in Menu > System > Script All.

Obs.: After installation, the script can be removed using the Menu (in Menu > Configure > JWM Manager).

#### 6– Aliases Guide

- Update system (alias **update**) = `sudo pacman -Syyuu`.
- Install package (alias **install**) = `sudo pacman -S` (Obs.: `install namepackage`).
- Remove package + dependences (alias **remove**) = `sudo pacman -Rsn` (Obs.: `remove namepackage`).
- Pacman help (alias **helppacman**) = `man pacman`.
- Update AUR (alias **updateaur**) = `yaourt -Syyuu`.
- Install package AUR (alias **installaur**) = `yaourt -S` (Obs.: `installaur namepackage`).
- Remove package AUR + dependences (alias **removeaur**) = `yaourt -Rsn` (Obs.: `removeaur namepackage`).
- Yaourt help (alias **helpaur**) = `man yaourt`.
- Unlock data the pacman [error db.lck] and update (alias **errordb**) = `sudo rm -f /var/lib/pacman/db.lck && sudo pacman-mirrors -g && sudo pacman -Syyuu && sudo pacman -Suu`.
- Optimize data the pacman and update (alias **opupdate**) = `sudo pacman-optimize && sudo pacman-mirrors -g && sudo pacman -Syyuu && sudo pacman -Suu`.
- Writes ISO in pendrive (alias **usbiso**) = `sudo mkusb` (Obs.: `usbiso nameiso`).

## 7– Menu JWM

The root menu in JWM is the primary way of starting programs. It also provides a way to restart or exit the window manager. Note that multiple root menus are possible. See the `onroot` attribute for more information. The outer-most tag is `RootMenu`. See an example:

```
<RootMenu onroot="3">
  <Program label="Execute">gmrn</Program>
  <Program label="Terminal">sakura</Program>
  <Program label="Explorer">pcmanfm</Program>
  <Program label="Browser">firefox</Program>
  <Program label="Background">nitrogen</Program>
  <Program label="Screenshot">gnome-screenshot</Program>
  <Separator/>
  <Menu label="Accesories">
    <Program label="Catfish Search">catfish</Program>
    <Program label="ClipIt Manager">clipit</Program>
    <Program label="Medit Editor">medit</Program>
    <Program label="Leafpad Editor">leafpad</Program>
    <Program label="Xarchiver Compact">xarchiver</Program>
  </Menu>
</RootMenu>
```

For more information at <http://goo.gl/VK0CH6>.

Obs.: To access the Menu Menu > Configure > JWM Manager.

## 8– Screenshot

- Full Screen = in Menu > Screenshot.
- Active Window = in Menu > Screenshot.
- Select Area = in Menu > Screenshot.

## 8– Disabled services

The following services are disabled: Clipit (clipit), NetworkManager (nm-applet), Conky (conky) and Cbatticon (cbatticon -u 120 -i standard -c "systemctl suspend" -l 20 -r 5). If you want to enable the services proceed as follows: open the start file in Menu > Configure > JWM Manager and add:

```
<StartupCommand>clipit</StartupCommand>
<StartupCommand>nm-applet</StartupCommand>
<StartupCommand>conky</StartupCommand>
<StartupCommand>cbatticon -u 120 -i standard -c "systemctl suspend" -l 20 -r 5</StartupCommand>
```

The addition can be below:

```
<StartupCommand>/usr/lib/polkit-gnome/polkit-gnome-authentication-agent-1</StartupCommand>
```

After boot these services are running.

## 9– Conky Manager

### 9.1– Missing network information

If network information is missing like download speed or network name (SSID), you need to replace the network card name in network variables in the .conkyrc file with your network card name. Open a terminal and enter:

```
ip a
```

in order to see all available network cards in your computer. A sample output looks like this:

```
$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> ...
2: enp6s0: <NO-CARRIER,BROADCAST,MULTICAST,UP> ...
3: wlp3s0: <BROADCAST,MULTICAST,UP,LOWER_UP> ...
```

In this case, **enp6s0** is the name of your ethernet card and **wlp3s0** is the name of your wireless network card. Replace all network card names (e.g. **wlan0**, **eth0**) in network variables in your .conkyrc file with your preferred network card name.

```
Wifi: ${wireless_link_qual wlp3s0}%
```

Obs.: To access the Conky Manager in Menu > Configure.

### 9.2– Changing temperature–city

You go to <http://weather.noaa.gov/> and search for your country and then for the city closest to you. This will lead you to a webpage-address that looks like this: <http://weather.noaa.gov/weather/current/xxxx.html> where xxxx is the four letter code for your city. The same four letters need to replace **EDDF** in line 33 of the original conky config. It is also necessary to change the city **Frankfurt**.

```
${font Roboto:pixelsize=12}${alignc}${time %H:%M:%S I %a} I Frankfurt ${font Roboto:pixelsize=12}${alignc} ${weather http://weather.noaa.gov/pub/data/observations/metar/stations/ EDDF temperature temperature 15}°C
```

Obs.: To access the Conky Manager in Menu > Configure.

### 9.3– Changing battery

You must edit .conkyrc configure file and replace correct battery number on it. Find information about battery

```
$ ls /sys/class/power_supply
ADP1 BAT1
```

In this case, **BAT1** is the name of your battery. Then replace battery number in conky file configure

*Battery: \${battery\_percent **BAT1**}%*

Obs.: To access the Conky Manager in Menu > Configure.

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Thank you for using this edition and enjoy the simplicity and lightness of Manjaro JWM Edition.

vlw fwi, Holmes 😊