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## **TAG Computer Linux Debian 8 Jessie (LXDE desktop)**

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**Use this documentation for the TAG Computer with Linux**

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## General information for the TAG Computer in Linux



Linux Distribution: [Debian 8 Jessie \(32 bits\)](#)

Desktop Environment: [LXDE](#)

Browser: [IceWeasel](#)

Super user
User: <a href="#">root</a> Password: <a href="#">symcod800</a> <i>** Use SU for command not SUDO</i>

Standard user
User: <a href="#">user</a> Password: <a href="#">symcod</a>

## Auto-Login

By default the TAG is in Auto-Login mode. To modify this configuration you must change the following parameters in the this file: **/etc/lightdm/lightdm.conf**

```
#autologin-user=user  
  
#autologin-user-timeout=0
```

To modify the configuration file open a terminal window and type the following:

```
cd /etc/lightdm/  
leafpad lightdm.conf
```

## IceWeasel Browser in Kiosk mode at startup

If the IceWeasel Browser is not installed here is the procedure to install it in System Tools/Root Terminal:

```
apt-get install x11-xserver-utils unclutter iceweasel
```

\*\*\* TAG password: **symcod800**

After that you must start IceWeasel in the left bottom menu under Internet and configure it as you wish..

To put it in Kiosk mode (without menu, full screen) you must add in IceWeasel the following extension: **R-kiosk**

<https://addons.mozilla.org/fr/firefox/addon/r-kiosk/>

- Control button for R-kiosk :
  - ALT-F4 to close the software
  - ALT-F1 to see menu
  - ALT-F2 to see the Execute
  - ALT-F11 full screen mode

**To disable the buttons in the window manager LXDE ... See :**

</home/user/.config/openbox/lxde-rc.xml>

- To modify do the following :

```
leafpad lxde-rc.xml
```

  - Modification example if the application ends with symcod ALT-F4 will not work:

```
<keybind key="A-F4">
  <action name="If">
    <title>*symcod</title>
    <then><!-- Do nothing for foo --></then>
    <else>
      <action name="Close" />
    </else>
  </action>
</keybind>
```

## IceWeasel Browser in Kiosk mode at startup (*suite*)

- To return IceWeasel into standard mode start in Safe Mode :
  - Do Alt-F2 and type de following :
  - **iceweasel –safe-mode**

If you want to start IceWeasel with your own browser address at startup :

In `/home/user/` create a Shell script `SymcodStart.sh` and this file must contain the following :

```
#!/bin/bash  
iceweasel http://www.symcod.com/
```

\*\* Attention: In the Permissions tab of the property file make sure that it is set to : **Anyone**

Then go to the menu at the bottom left under : **Preferences/Default applications for LXSession/Autostart** and Add : `/home/user/Symcodstart.sh`

- Many options can be configure at that place.

## How to hide the mouse cursor with “unclutter”

The purpose of this program is to hide the pointer after the mouse has not moved for a while. Using it, you can make the pointer appear only when the user touches the screen, and disappear right after it.

### To install « unclutter » :

- Close IceWeasel browser
- In System Tools/Root Terminal:

```
apt-get install unclutter
```

\*\*\* TAG password: *symcod800*

- Wait ...

In `/home/user/` edit your Shell script `SymcodStart.sh` created previously and add the line in red :

```
#!/bin/bash  
iceweasel http://www.symcod.com/  
unclutter -idle 0.01 -root
```



## Adobe Flash Player in IceWeasel browser



General Linux explanation: <https://wiki.debian.org/fr/FlashPlayer>

Jessie package explanation: <https://packages.debian.org/fr/jessie/flashplugin-nonfree>

**To install Flash Player the official version 11.2.202.635:**

- Close IceWeasel browser
- In System Tools/Root Terminal:

```
apt-get update
apt-get install flashplugin-nonfree
update-flashplugin-nonfree -install
```

(Menu Linux/System Tools/Root Terminal \*\*\* The Password is: symcod800)

**To install the last Flash Player 23.0.0.162 or more ...**

*\*\*\* This is not the official solution*

Close your browser

- Update your Iceweasel
- Install Chromium browser

In System Tools/Root Terminal:

```
nano /etc/apt/sources.list
```

Add at the end of the file:

```
# Debian Backports
deb http://http.debian.net/debian/ jessie-backports main contrib
deb http://http.debian.net/debian/ jessie main contrib non-free
deb http://ftp.fr.debian.org/debian wheezy-backports main contrib non-free
```

```
apt-get update
apt-get install pepperflashplugin-nonfree
apt-get install --reinstall pepperflashplugin-nonfree
apt install browser-plugin-freshplayer-pepperflash
update-alternatives --config flash-mozilla.so
*** Chose the Freshplayer no 1
```

In chromium Browser go to : <http://www.adobe.com/fr/software/flash/about/>

- Download the last version ... the file is by default save in : `/home/user/Downloads`

```
cd /home/user/Downloads
tar -zxvf /home/user/Downloads/flash_player_ppapi_linux.i386.tar.gz
cp /home/user/Downloads/libpepflashplayer.so /usr/lib/pepperflashplugin-nonfree
```

**In Iceweasel ... Plugins: The Shockwave flash must be set to : Always Activate**



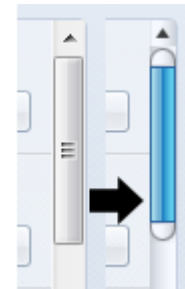
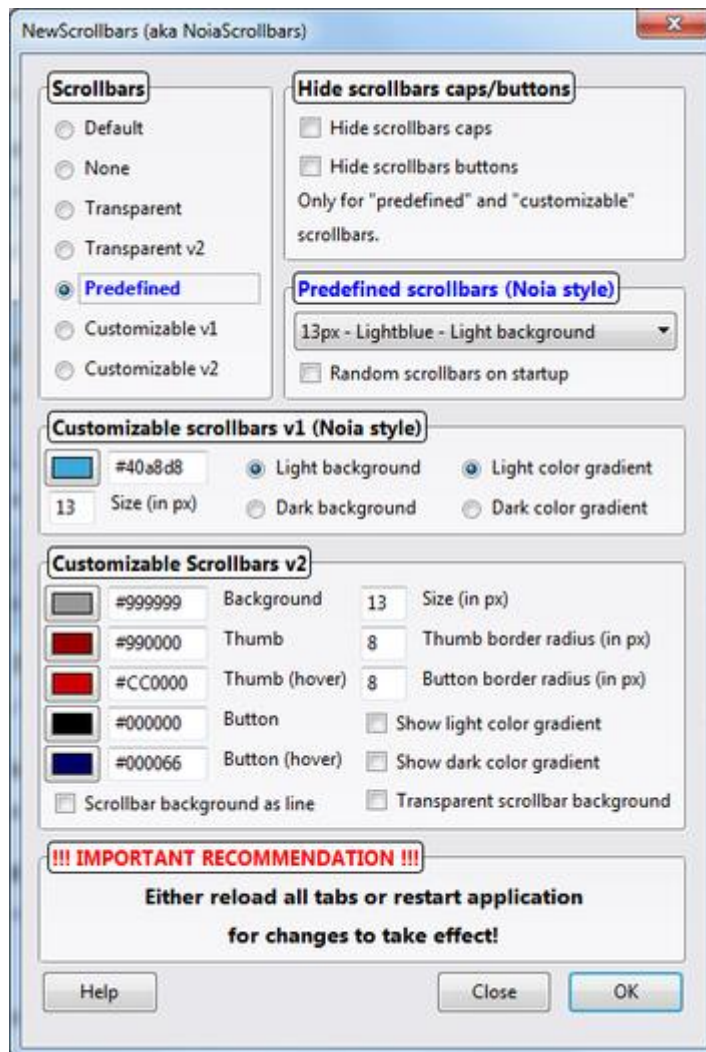
## Virtual keyboard for IceWeasel browser



If you would like to have a virtual keyboard that appear when you are on a field in IceWeasel, go in the Add-ons section of IceWeasel and add the extension : **FXKeyboard**

\* *You must restart Iceweasel for the virtual keyboard to be effective.*

## Wider and more visible scrollbar in IceWeasel browser



To get a wider and more visible easy to use scrollbar in your IceWeasel browser, you can add in the Add-ons section of IceWeasel the extension : **NewScrollbars (aka NoiaScrollbars)**

\* You must restart IceWeasel for this function to be activated.

## Linux general information for the TAG

### **To install new software you can go through :**

- Menu Debian/Preferences/Synaptic Package Manager

\* *Before starting Synaptic do the following in a Terminal window : [apt-get update](#)*

\* *After the installation to erase the temporary file do the following in a Terminal window : [apt-get clean](#)*

### **To see the drivers used by devices do the following in Terminal window:**

- For USB : `lsusb`

- For PCI : `lspci`