

Installation and configuration of Fedora23/24/25 LXDE

Installation

Taking the ISO netinstall, select "fedora-LXDE" (left panel) without any other option (right panel).

Installation of supplementary repositories:

- Installation of both free and non-free repos of RPMFusion:

```
su -c 'dnf install
http://download1.rpmfusion.org/free/fedora/rpmfusion-free-release-$(rpm
-E %fedora).noarch.rpm \
http://download1.rpmfusion.org/nonfree/fedora/rpmfusion-nonfree-release
-$(rpm -E %fedora).noarch.rpm'
```

Configuration

ssh

- [Connection SSH of the Fedora > 22 from the SME](#)
- At least

```
service sshd start
service sshd enable
```

- sshfs

```
dnf install fuse-sshfs
```

- an outgoing connection ssh with keys and passphrase is possible, via a terminal or via a shortcut (popup opens to ask passphrase as openssh-askpass is already installed)

LXDE session manager

Authentication via sssd on SME-server

[Authentication client Fedora on SME-server via sssd ldap](#)

Unmount by logout

The logout doesn't unmount the shares automatically mounted at login ⇒ the next user can access them inspite he doesn't have the needed permissions.

In order to avoid this:

- add at the end of `/etc/lxdm/lxdm.conf`

```
session-cleanup-script = /etc/lxdm/post-session.sh
```

- create `/etc/lxdm/post-session.sh` and insert in it:

```
#!/bin/bash
umount /media/sme/*
exit 0
```

- give the needed permissions:

```
sudo chmod 774 /etc/lxdm/post-session.sh
sudo chown root:root /etc/lxdm/post-session.sh
```

General settings

- disable the displaying of the list of all users in the display manager (LXDM): in `/etc/lxdm/lxdm.conf` set `disable=1`

```
[userlist]
## if disable the user list control at greeter
disable=1
```

- numlock. `dnf install numlockx`
in `/etc/lxdm/lxdm.conf` uncomment and set `numlock=1`

LXDE gui

- create shortcuts on the desktop:

```
lxshortcut -o ~/Desktop/my_shorcut.desktop
```

and give the parameters

- create shortcuts to the `/home` folder on the desktop:

```
ln -s /home/e-smith/files/users/toto /home/e-smith/files/users/toto/Bureau/toto-rep-local
```

Languages of the sessions

Go to administration ⇒ Languages and select the language to be installed.
The language is then available into the sessions manager for login.

Sélectionner et activer une touche "compose"

```
$xev
```

et appuyer sur la touche à assigner pour la repérer: c'est la keycode XX

Dans le "home" de l'utilisateur créer un fichier .xmodmaprc contenant:

```
keycode 64 = Multi_key
```

Dans /usr/share/applications entrer le script:

```
#!/bin/bash

/usr/bin/xmodmap /home/mon_utilisateur/.xmodmaprc

exit 0;
```

et lui donner les permissions d'exécution via un `chmod +x`

Dans /home/mon_utilisateur/.config/autostart créer un fichier `activation_touche_compose.desktop` qui contient:

```
[Desktop Entry]
Encoding=UTF-8
Type=Application
Name=activation touche compose
Name[fr]=activation touche compose
Comment=activation touche compose
Comment[fr]=activation touche compose
Exec=/usr/share/applications/script_touche_compose
Icon=applications-utilities
Categories=GTK;Utility;
```

Aller dans préférences ⇒ Paramètres de la session de bureau et vérifier que l'entrée dans Applications démarrées automatiquement est activée avant de relancer la session.

Printing / Scanning

- `dnf install system-config-printer cups`
- see [Printer Canon MX925](#) too

Evolution (emails)



Keyring: the passwords of the account are automatically stored into the keyring.
A password for the keyring must be set.

At the next login the user is asked to enter the password of the keyring and if the keyring should be unlocked automatically at the login.

After ticking the box, it is not asked for the keyring password at the next sessions and Evolution can be run without entering the password.

Midori

- `sudo dnf install modori`

- Remember the exceptions for certificates:

```
preferences => Parameters for the session => Applications auto-started  
=> tick "storage of certificates and keys"
```

Run a script as autostart by session opening `#!/#` script for a slideshow as a wallpaper



This is a draft and doesn't work properly.
If you know how to improve it, please mail me!

<http://debian-facile.org/doc/environnements/lxde/diaporama-fond-ecran>

script

Put following into `/usr/my_scripts/the_script.sh` with permission for execution:

```
#!/bin/bash  
  
folder=~/.fonds/  
sleepTime=60s  
pid=$(ps xc |grep lxsession |awk ' { print $1 }')  
  
while [ $(ps xc |grep lxsession |awk ' { print $1 }') == "$pid" ]; do  
    file=$(find "$folder" -maxdepth 1 -type f |shuf |head -n 1)  
    pcmanfm -w "$file" --wallpaper-mode=stretch
```

```
sleep "$sleepTime"  
done
```

.desktop file

put following into **/usr/share/applications/WPSlideShow.desktop**

```
[Desktop Entry]  
Encoding=UTF-8  
Type=Application  
Name=WPSlideShow  
Name[fr]=WPSlideShow  
Comment=diaporama  
Comment[fr]=diaporama  
Exec=/usr/my_scripts/the_script  
Icon=applications-utilities  
Categories=GTK;Utility;
```

autostart

Go to preferences ⇒ Parameters of the session and tick on the script.

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