

1.110.1 Install & Configure XFree86

- Create a backup of the existing `/etc/X11/xorg.conf`

```
cp /etc/X11/xorg.conf /etc/X11/xorg.orig
```
- Experiment with:
 - `xf86config`
 - `XF86Setup`
 - `sax2`
- Look at `XF86Config` file
- Installation of fonts:
 - Installing President TTF font:
 - copy the President font to `/usr/X11R6/lib/X11/fonts/truetype`
 - Refresh the font list: `fonts-config`

This generates `fonts.dir`, `fonts.scale`, and `TTCap` entries for TrueType, OpenType, and Type1 fonts
This is needed for the `xtt` module or the `freetype` module.
 - Try the font


```
xterm -fn -misc-president-medium-i-normal--0-0-0-0-p-0-isol0646-1
```
 - Installing new local fonts(freefonts)
 - Create a new directory: `/usr/X11R6/lib/X11/fonts/freefont`
 - Copy the freefonts to this above directory
 - Create a `fonts.dir` file:


```
mkfndir /usr/X11R6/lib/X11/fonts/freefont
```
 - register the new font path


```
xset fp+ /usr/X11R6/lib/X11/fonts/freefont
```

```
xset fp rehash
```
 - Installing a font server with `jmk` fonts
 - Create a new directory: `/usr/X11R6/lib/X11/fonts/jmk`
 - Copy the `jmk` fonts to this directory
 - Create a `fonts.dir` file:


```
mkfndir /usr/X11R6/lib/X11/fonts/jmk
```
 - Create the `xfs` entry in `/etc/SF86Config` file:


```
[Files]
                FontPath "tcp/localhost:7100"
```
 - Edit the `/etc/X11/fs/config`
 - Comment out the `no-listen` line with `'#'`
 - Enter the new `jmk` `FontPath` at the end

IMPORTANT: Do not forget to enter the coma at the end of last entry

```
FontPath "/usr/X11R6/lib/X11/fonts/jmk"
```
 - Start the Font Server:


```
rcxfs start
```
 - Refresh the `FontPath`

```
xset fp+ "tcp/localhost:7100"
```
 - Try it:

```
xterm -fn neep-18
```
 - Start a new Desktop session and try it there as well.