

Installation of Xcircuit in SuSE 10.0 with KDE .

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(You are welcome to email if this does not work, because some installation files for SuSE may not have been installed if your installation was a simple install.)

Being new to Linux systems, I find it is difficult to achieve things as there is a lot I do not know , what commands to use or where certain things are located. Hence, this information below is somewhat more informative than the usual.

Prepare a Working directory for Xcircuit drawings before we begin the installation.

- leftclick in the home icon (on the taskbar). This opens username-Konqueror
- leftclick the root folder
- leftclick in home-username. This is your directory
- rightclick on username and leftclick on Create Folder
- type in a name; Xcircuit. This will be the Working Directory for your Xcircuit drawings.

Download Xcircuit.

1. Download xcircuit from the [xcircuit download page](http://opencircuitdesign.com/xcircuit/download.html).
(<http://opencircuitdesign.com/xcircuit/download.html>)
*I downloaded the **Current Development Release: Tarded/Compressed Source for Download***

Prepare the downloaded file for installation

2. Copy or move the downloaded file (xcircuit-3.5.5.tgz) to /tmp. The application for this is found at Kmenu-System-File Manager-File Manager- Super User Mode (root-password needed)
Browse to where the Xcircuit file downloaded to (this depends on your browser Download setting)
rightclick on Xcircuit-3.5.2.tgz
highlight Move To-Root Floder-tmp-Move Here and leftclick. This will move the downloaded file to the /tmp/ directory for installation.
Quit this application.
3. Open a root console (Kmenu-System-Terminal-Super User Mode), (root password needed), and change to the /tmp directory with `cd /tmp`
4. Type `ls`
This list the files in the directory. You should see the **xcircuit-version.tgz file**. version is 3.5.2 for my download, yours may be a later version number.
 5. XCircuit source comes in either gzip (**.tgz** or **tar.gz**) or bzip2 **tar.bz2** formats.
 6. Uncompress with, as appropriate, my download is xcircuit-3.5.2.tgz.

```
gunzip xcircuit-version.tar.gz or  
gunzip xcircuit-version.tgz or  
bunzip2 xcircuit-version.tar.bz2
```

7. Untar the archive file with

```
tar xf xcircuit-version.tar
```

8. The result of the above steps is a directory named xcircuit-version containing the source.

```
cd xcircuit-version
```

9. Follow the GNU automake instructions, below.

GNU Compile and Install

GNU automake is intended to greatly simplify the process of program installation by querying the OS for detailed information on its capabilities. In most cases, the following should work without a hitch:

```
./configure [options]
make
make install
```

Xcircuit is now installed:

The binary file is in /usr/local/bin

The library files are in /usr/local/lib/xcircuit

The manual is in /usr/local/lib/xcircuit/man

The icon which we will need shortly is in /usr/local/lib/xcircuit/pixmaps

Adding Xcircuit to Kmenu

leftclick on Kmenu-Graphics
highlight Vector Drawing

rightclick on Vector Drawing (you get a popup menu; the KDE Menu Editor)

In KDE Menu Editor

rightclick on Vector Drawing and leftclick on New Item

type in Xcircuit for the Item name and click OK. This places Xcircuit name in the Name Field:

In the Command Field: Browse (leftclick the adjacent folder Icon) to /usr/local/bin/ and double click on Xcircuit; this loads the path and command for Xcircuit.

In the Work path field: Browse to /home/username and double click on Xcircuit; this loads the path to the working directory for your drawing, which we setup in Prepare a Working Dir....above.

leftclick the Icon field, which is to the top right corner. It opens the select Icon Menu.

Click on Other Icons and Browse to /usr/local/lib/xcircuit-3.5/pixmaps and double click on xcircuit.xpm. (your directory version number may be different to mine). This loads the Icon to Kmenu.

leftclick on File in the Menu bar along the top

leftclick on Save. This updates the system configuration

leftclick on Quit to exit this application.

Adding Xcircuit to the KDE Taskbar

rightclick in the Taskbar

highlight Add to Panel-Application-Graphics-Vector Drawing and leftclick Xcircuit. This places Xcircuit on the Taskbar.

rightclick Xcircuit in the Taskbar

leftclick Move Xcircuit Button and move the mouse along until Xcircuit is where you prefer it to be within the Taskbar and leftclick.

Leftclick the Xcircuit Icon and Xcircuit should now open.

The End.