

Installing Linux Printer Driver – CUPS 1.1.23

Example was made in RedHat Fedora Core3

To install you need gzip and root access.

Step 1:

Logged in as Root, download the latest CUPS driver and save it to the “/tmp” directory.

Step 2:

Open a Terminal and navigate to the tmp directory by typing in

```
cd /tmp
```

then get a directory listing with the command:

```
ls
```

A list of the folders content will show up and among the listing you should see a file by the CUPS driver you downloaded. (If you saved the file elsewhere, you can run the installation from the directory you saved it in. Simply switch to that directory and follow the rest of the instructions.) For this example, we will use the name of the “[cups-1.1.23-source.tar.gz](#)”

To decompress this file type in:

```
gzip -cd cups-1.1.23.tar.gz | tar xpvf -
```

This decompresses the file to the current directory, creating a /cups-1.1.23/ folder in the current directory. Change to this folder by typing in:

```
cd cups-1.1.23
```

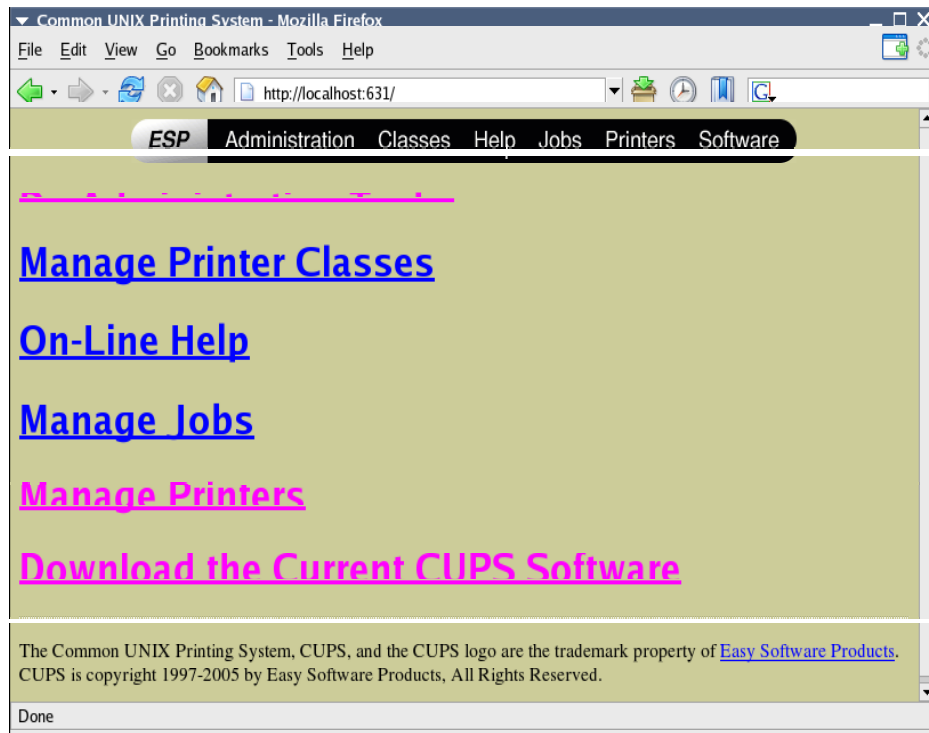
To install CUPS, enter the following, followed by an [Enter] after the previous command has completed.

<code>./configure</code>	(configures the installation script)
<code>make</code>	(compiles CUPS program files)
<code>make install</code>	(copies CUPS to proper system directories)
<code>/usr/sbin/cupsd</code>	(restarts CUPS service)

This will complete the installation process. Now to access the printer configuration open your browser and navigate to:

```
http://localhost:631/
```

If it prompts you for a user and password, use the name “root” and your root password. This should bring you to the following screen.



Click on “Manage Printers”, this brings up a new page. On this page click on the button labeled “Add Printer”

Give your printer a name by typing into the Name field. Then fill in the Location and Description fields as you wish, they have no bearing on the printer and are only there to help you locate and keep track of printers.

Step 3:

At this point locate the connection type of printer that you are going to use from the list:

“Parallel Port #1 ”[LPT1]

“Serial Port #1 ”[COM1]

“USB Printer #1 ”[USB Port 1]

“Sprocket/HP Jet Direct ”[Network Print Server]. [Network Print Server Only]

To use the network port type, you must know the HostName/IPAddress of your printer on the network. Type this address into the “Device URL ” field preceded by “socket://” and followed by the Communications port (default would be 9100). For example, if your printer has the IP address: “192.168.1.25” type in:

“socket://192.168.1.25:9100 ”

and click Continue

Step 4:

Select the make “Zebra ” and click Continue.

Step 4:

Select “Zebra ZPL Label Printer CUPS v1.2 ” from the printer list and click continue. You should then see a page indicating that the printer has been successfully added. Click on the Printer name and then on the “Configure Printer ” button to configure your options. Once your printer has been configured, click on Printers in the black menu bar Above and then select the “Print Test Page ” button.