App note 072
Installing printer Canon MP280

Chemotron Inc.

2013

Abstract

This app note describes, how to install and set up the Canon MP280 printer on Antix/MX3300 control computer system.

1 Printer driver

The printer driver is not the part of the operating system's printing system package, therefore you need to download and install manually.

1.1 Location

The official Canon PIXMA MP280 driver can be downloaded from Canon's site:

```
http://support-asia.canon-asia.com/contents/
        ASIA/EN/0100301402.html
```

Google search keywords: `linux debian printer driver Canon MP280`
The download link usually is in first position.
The driver is stored on our website too: `http://downloads.labchrom.hu/`
Download the `cnijfilter-mp280series-3.40-1-deb.tar.gz`

1.2   Downloading

If the driver is already downloaded (you can check it by opening a File manager) you can jump directly to the Installation section.

For the downloading open a Browser by clicking once on its icon (it takes about teens of seconds to start it) and type the selected link to the URL field, see Figure 1.
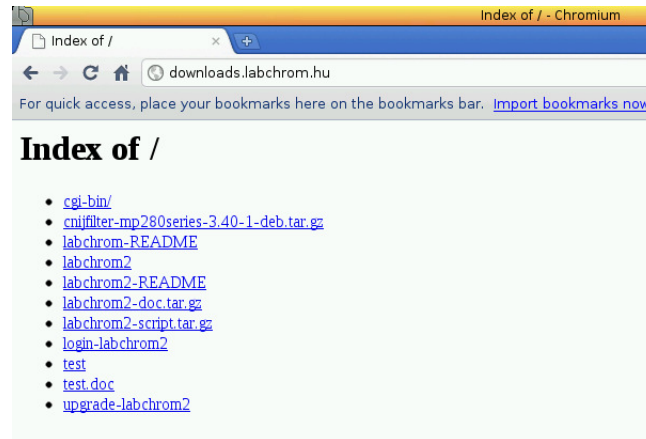

Figure 1: Open a web browser

Click on the driver's file with the right button of the mouse, select the `Save As` from the pop-up menu, see Figure 2.

Figure 2: Select the driver file

Save the file to your HOME directory, it is usually the default selection and it's name `labor`. If the download finished, you can close the browser window pressing

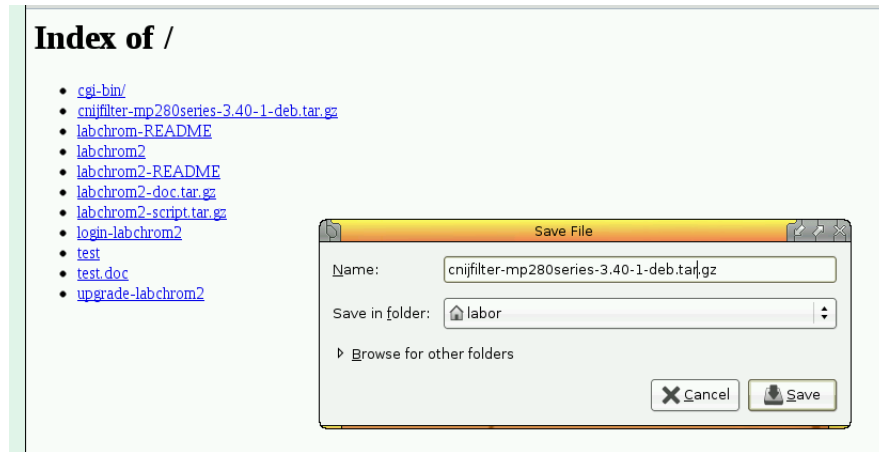X-button at the rightmost-up corner.

Figure 3: Save the file to the HOME directory

2 Installing

For the installation you have to open a terminal window, the package handling is command line oriented, has no graphical handling sofware. The task is simply, click **once** on the `Terminal` icon on the desktop, a window will open.

2.1 Unpacking

The terminal is opened, you are in you HOME directory which is usually /home/labor and can be recognized in a terminal by the prompt text, which is `labor@labor:~$`

The first step is to unpack the archive. If the archive is already unpacked you can jump over this step.

Type `tar zxvf cnijfilter-mp280.......` to the terminal and press ENTER. The points (mp280...) means if you type in the first some letters (in this case `cni` is already enough) of the filename, you can press the TAB button (left side with double arrows) and the system will extend to the full filename your typing. See Figure 4.
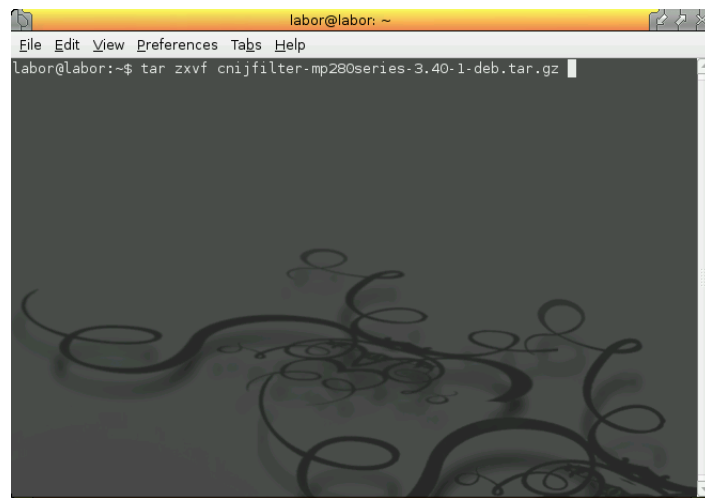
Figure 4: Unpack the compressed package

Now you can change to the driver's directory (it is freshly generated from the archive file) by typing command `cd cnij...` and pressing TAB. See Figure 5.
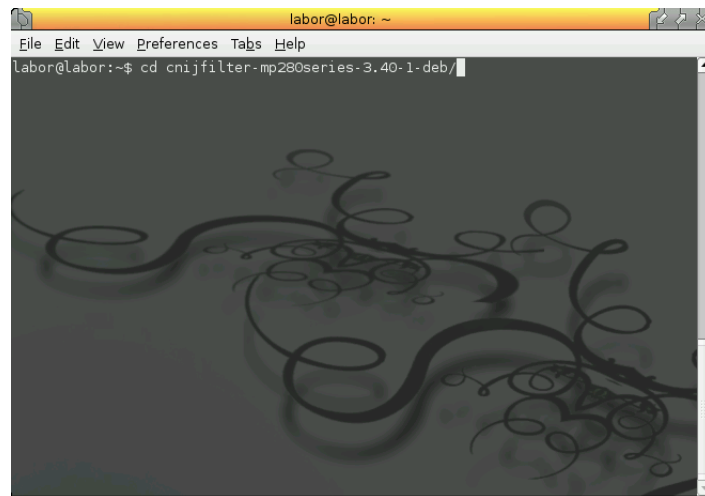

Figure 5: Terminal - change directory

2.2 Installing

Now you can run the installer. You are in the installer's directory, see Figure 6., you can see the directory content in a File manager window too (for information purpose only, this is not necessary for the installation).
To run the installer you must type in exactly `./install.sh` as you can see in Figure 6. The installer will ask for the root password that is usually `labor` and will do the copy of the driver files.
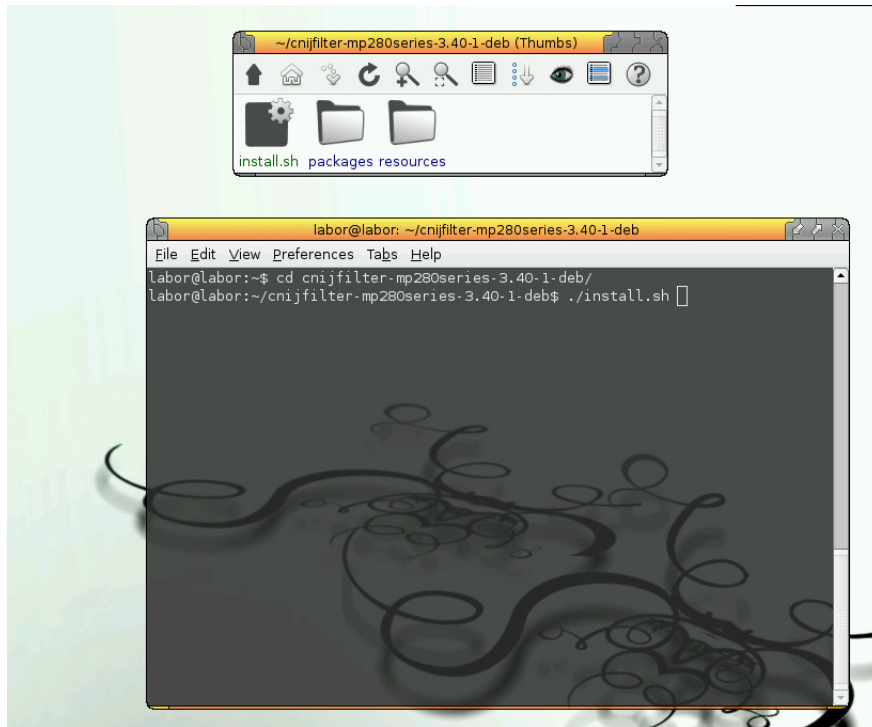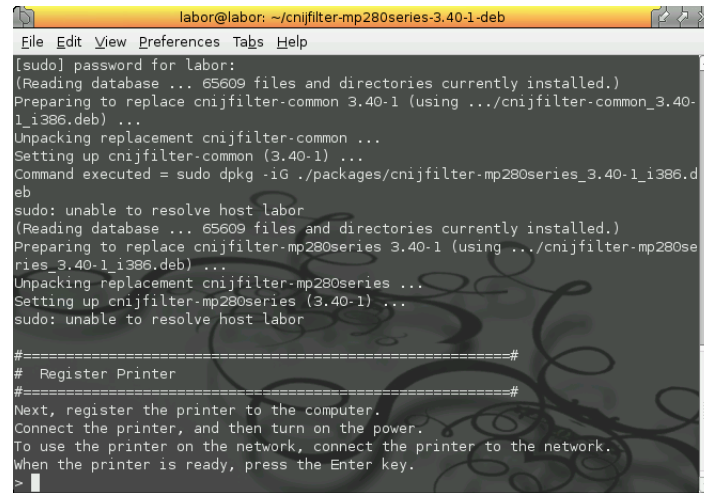
Figure 6: Start the installation

At the next step the installer needs the connected and turned on printer, see Figure 7., press ENTER and follow the instructions. Finally the printer will be ready to use.

Figure 7: Connect the printer

3   Troubleshooting

In case of any trouble please make documentation (screenshots, photos of the screen with readable content) and write to the `support@chemotron.hu` address.

List of Figures

List of Tables