



Your Printer Solutions Company

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Telpar Linux Printer Driver Installation and Setup

Introduction

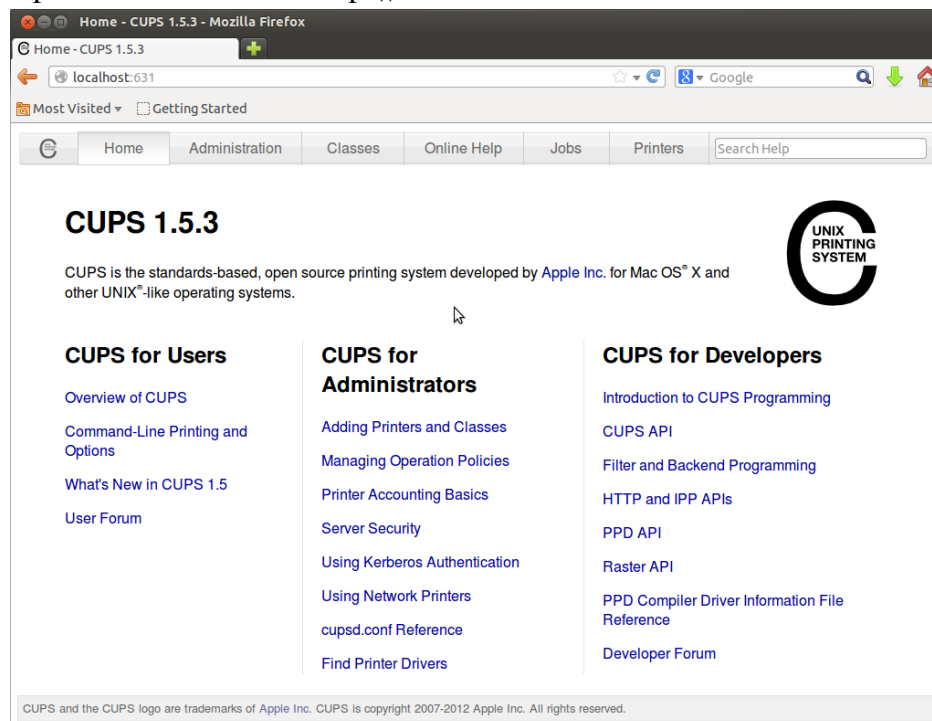
This procedure describes how to install and configure a Telpar MTP-2242 Printer driver on a Linux operating system.

Requirements

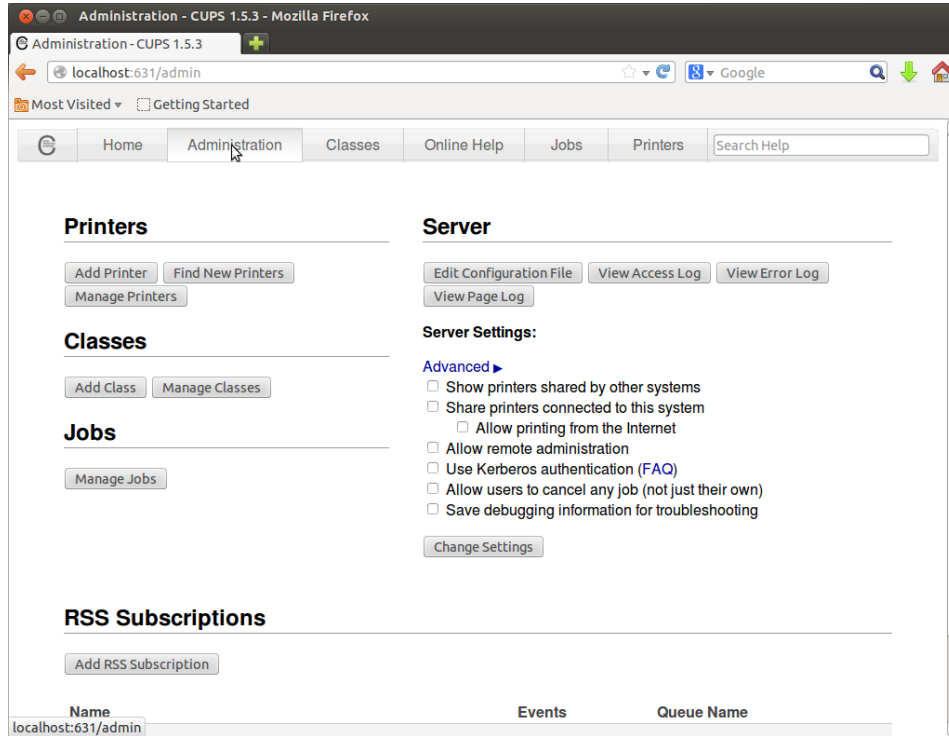
1. A PC with a Linux OS.
2. CUPS (Common Unix Printing System)
3. Telpar MTP-2242 Thermal Printer
4. Interface cable (USB, Parallel or Network)
5. MTP2242.ppd – MTP-2242 Printer Descriptor File
6. rastertomtp4 – MTP-2242 Printer CUPS raster filter.

Instructions

1. Copy printer files to necessary CUPS locations.
 - a. Open a terminal window.
 - b. Extract files from tar file.
 - i. `Tar xvf TelparMTP2242LinuxCupsPrinterDriver.tar`
 - c. Copy PPD file to CUPS model directory.
 - i. `Ie. cp MTP2242.ppd /usr/share/cups/model`
 - d. Copy raster filter to CUPS filter directory.
 - i. `cp rastertomtp /usr/lib/cups/filter`
 - e. Add execute permission to the filter file
 - i. `chmod +x /usr/lib/cups/filter/rastertomtp`
 - ii. Superuser privileges may be needed:
 1. `sudo chmod +x /usr/lib/cups/filter/rastertomtp`
 - f. Restart CUPS
 - i. `sudo /etc/init.d/cups restart`, or `/etc/rc.d/init.d/cups restart` (non-debian OS)
2. Connect interface cable from printer to PC.
3. Power ON printer.
4. Install Printer Driver
 - a. Open a web browser to `http://localhost:631`



b. Click on Administration



c. Click 'Add Printer'

5. Select desired printer from 'Local Printers:' list and click 'Continue'.
 - a. For example, 'LTP #1' for parallel port 1.
 - b. Note: USB printers may appear as 'Unknown'
6. Enter the desired information for 'Name', 'Description', and 'Location'. Then click Continue.

Add Printer

Name:
(May contain any printable characters except "/", "#", and space)

Description:
(Human-readable description such as "HP LaserJet with Duplexer")

Location:
(Human-readable location such as "Lab 1")

Connection: usb://Unknown/Printer?serial=4%20Inch%20Thermal%20Printer

Sharing: Share This Printer

7. The 'Add Printer' window will appear.

Add Printer

The screenshot shows the 'Add Printer' window with the following details:

- Name:** MTP-2242-Parallel
- Description:** Telpar MTP-2242 Parallel
- Location:** Kiosk
- Connection:** parallel:/dev/lp0
- Sharing:** Do Not Share This Printer
- Make:** A list box containing: Alps, Anitech, Apollo, Apple, Brother, Canon, CITIZEN, Cltoh, Compaq, DEC.
- Buttons:** 'Continue', 'Choose File', 'No file chosen', and 'Add Printer'.

- a. Select 'Browse...' or 'Choose File' and select the file 'MTP2242.ppd'
 - b. Click 'Add Printer'
8. The 'Set Default Options' window will appear
 - a. The 'General' section contains paper size selection.
 - i. The 'Media Size' drop down contains a list of available predefined paper sizes along with a 'Custom' option for defining a custom paper size.
 - b. The 'Cut Options' section contains Cutter and Form Feed options.
 - i. Available cutter modes of operation for each page and job are provided (Page / Job):
 1. No Cut / No Cut
 2. No Cut / Partial Cut
 3. No Cut Full Cut
 4. Partial Cut / Partial Cut
 5. Partial Cut / Full Cut
 6. Full Cut / Full Cut
 - c. The 'Form Feed' option contains two options:
 - i. Form Feed OFF
 1. The printer will cut after all print data has been printed. The printer will not advance to the end of the page. This option is useful for saving paper.
 - ii. Form Feed ON

May 23, 2014

1. After the printer has completed printing all the print data the printer will advance the paper to the end of the selected page size and perform a cut.

9. Once the default options have been selected, click 'Set Default Options'

10. The Printer Management window will appear:

11. To print a test page:
 - a. From the Printer Management window click 'Maintenance'.
 - b. Then select 'Print Test Page'

12. To make changes to the Default Options
 - a. Click 'Administration' from the Printer Management window.
 - b. Then select 'Set Default Options'.