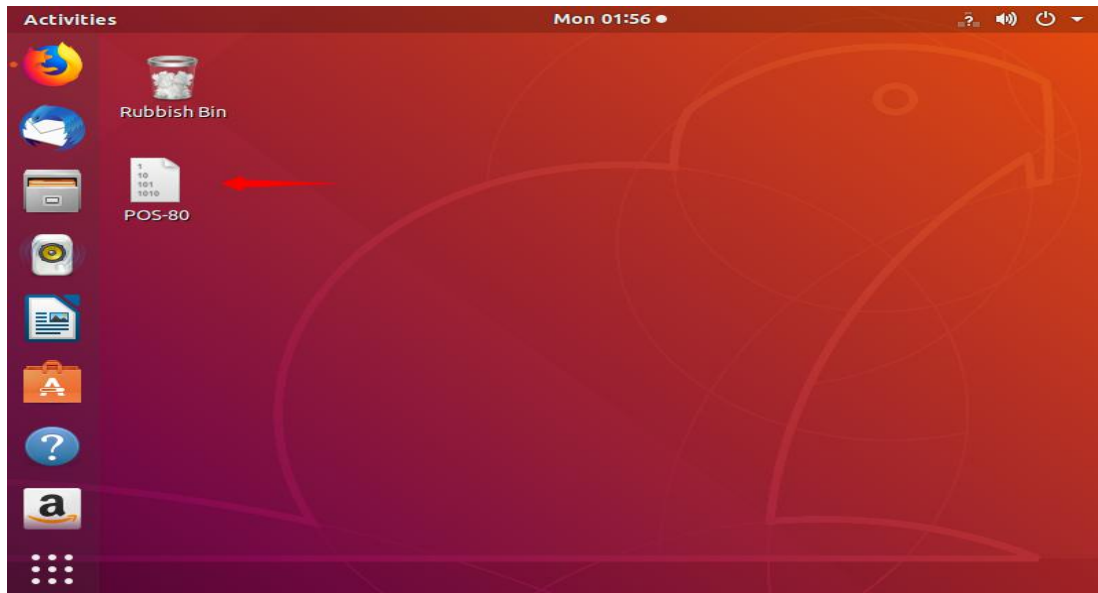
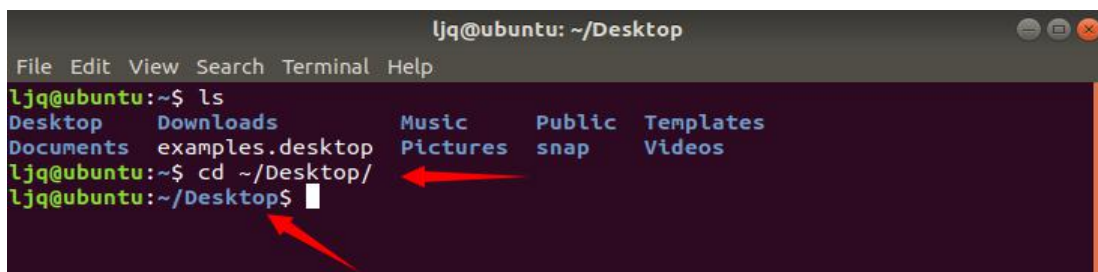


Linux driver installation instructions

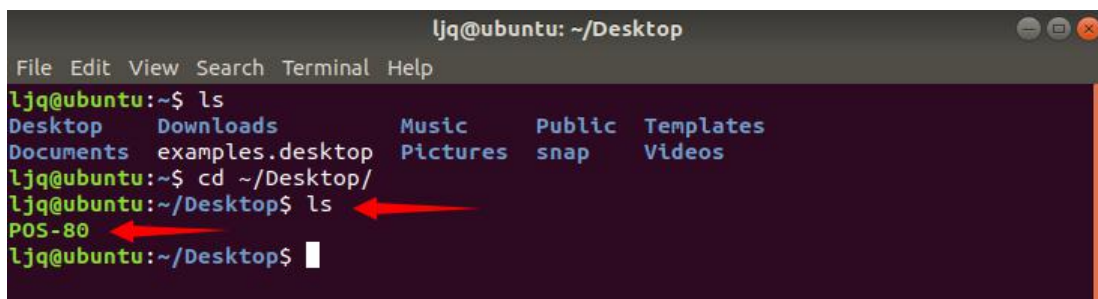
1.Copy the POS-80 driver file to the desktop, as shown below.



2.Right-click the Desktop, select OPEN Terminal, and switch to the Desktop directory with the `cd` command, as shown below. The US dollar symbol will show Desktop. If the system is in Chinese, it may show Desktop.



3.With the `ls` command, check to see if the driver file is in the current directory, and if there are no surprises, you will see POS-80 appear in the list.



4.To install the driver, use root and sudo su command to switch to root. Enter sudo su command and press enter. The password is not visible.

```
root@ubuntu: /home/ljq/Desktop
File Edit View Search Terminal Help
ljq@ubuntu:~$ ls
Desktop      Downloads      Music      Public      Templates
Documents    examples.desktop Pictures    snap        Videos
ljq@ubuntu:~$ cd ~/Desktop/
ljq@ubuntu:~/Desktop$ ls
POS-80
ljq@ubuntu:~/Desktop$ sudo su
[sudo] password for ljq:
root@ubuntu:/home/ljq/Desktop#
```

5.To change the 777 permissions of the driver, the command is as follows.

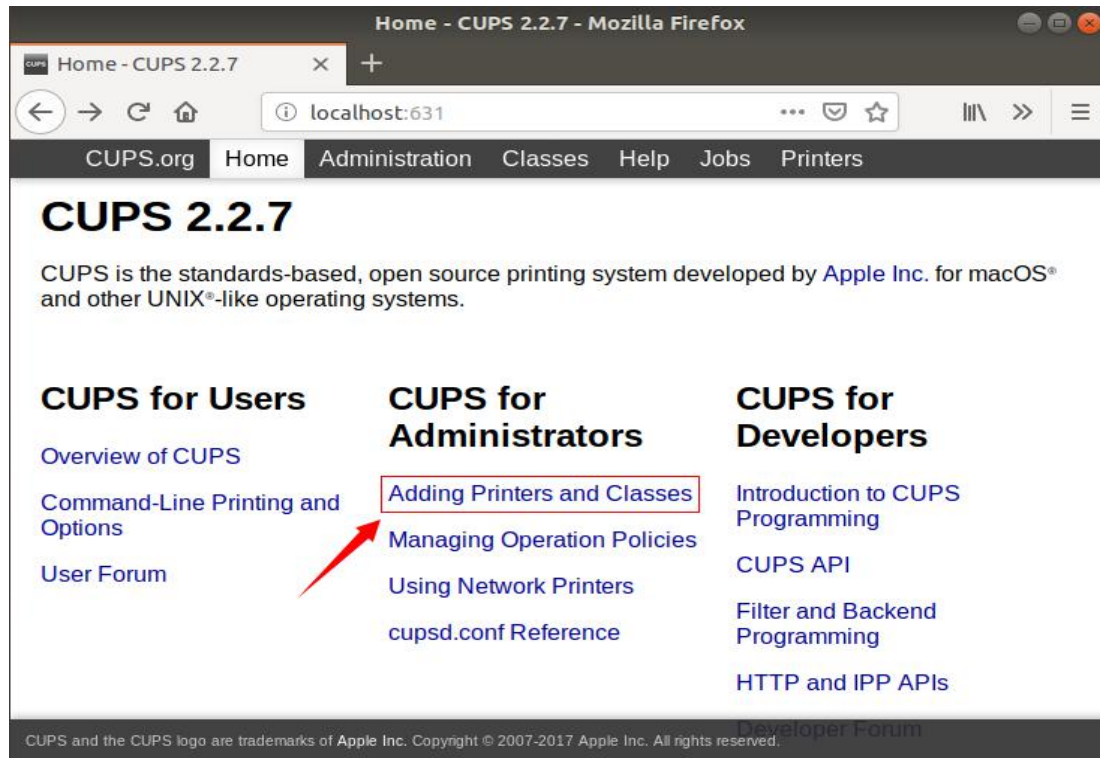
```
root@ubuntu: /home/ljq/Desktop
File Edit View Search Terminal Help
ljq@ubuntu:~$ ls
Desktop      Downloads      Music      Public      Templates
Documents    examples.desktop Pictures    snap        Videos
ljq@ubuntu:~$ cd Desktop
ljq@ubuntu:~/Desktop$ ls
POS-80
ljq@ubuntu:~/Desktop$ sudo su
[sudo] password for ljq:
root@ubuntu:/home/ljq/Desktop# chmod 777 POS-80
root@ubuntu:/home/ljq/Desktop#
```

6.Enter ./POS-80, then press Enter, note that the previous point is also entered.

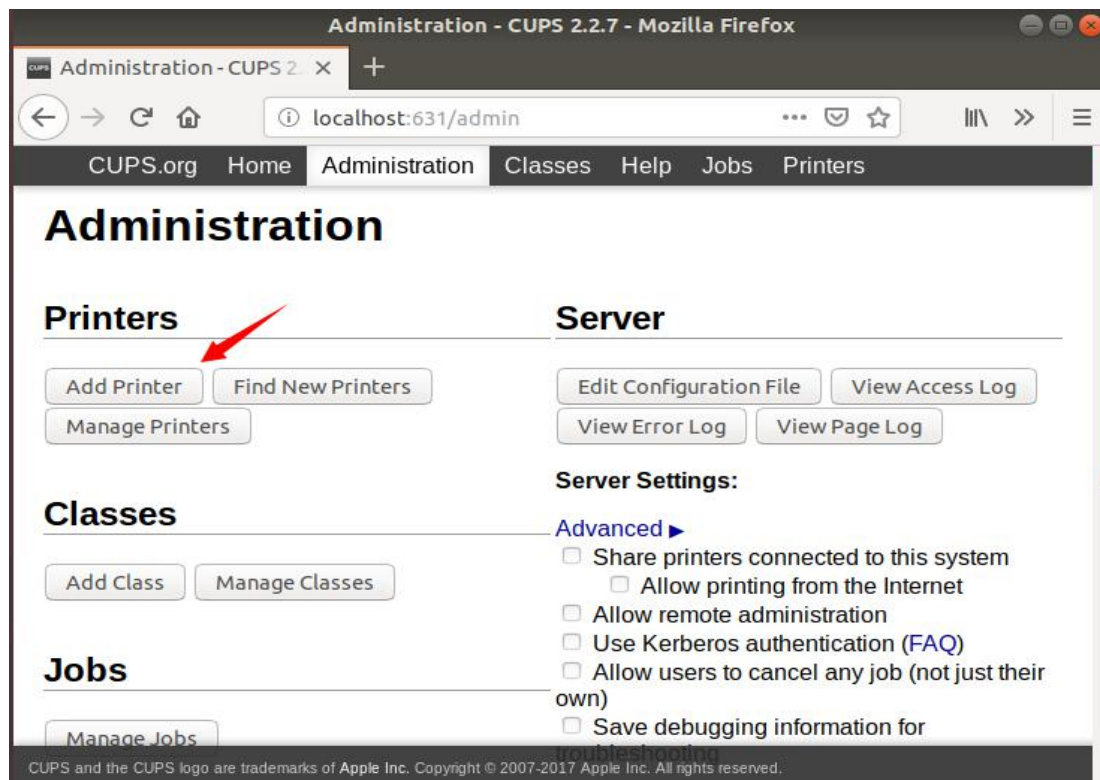
```
root@ubuntu: /home/ljq/Desktop
File Edit View Search Terminal Help
root@ubuntu:/home/ljq/Desktop# ./POS-80
POS
cupsdrv-2.4.0 installer
-----
Models included:
    POS-80
64
64
Searching for ServerRoot, ServerBin, and DataDir tags in /etc/cups/cupsd.conf
ServerBin tag not present in cupsd.conf - using default
DataDir tag not present in cupsd.conf - using default
ServerRoot =
ServerBin =
DataDir =
11
44
Restarting CUPS
[ ok ] Stopping cups (via systemctl): cups.service.
[ ok ] Starting cups (via systemctl): cups.service.
Go to http://localhost:631, or http://127.0.0.1:631 to manage your printer please
```

To this display driver has been installed successfully, prompt the driver to open the url, the next is to add a printer.

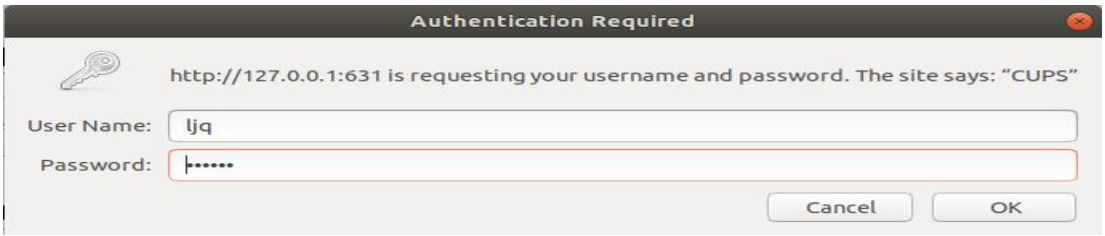
7. Open your browser, input `http://127.0.0.1:631` in the address bar, and press enter. Adding Printers and Classes as shown in the figure below.



8. Enter Administration, click Add Printer, as shown below.

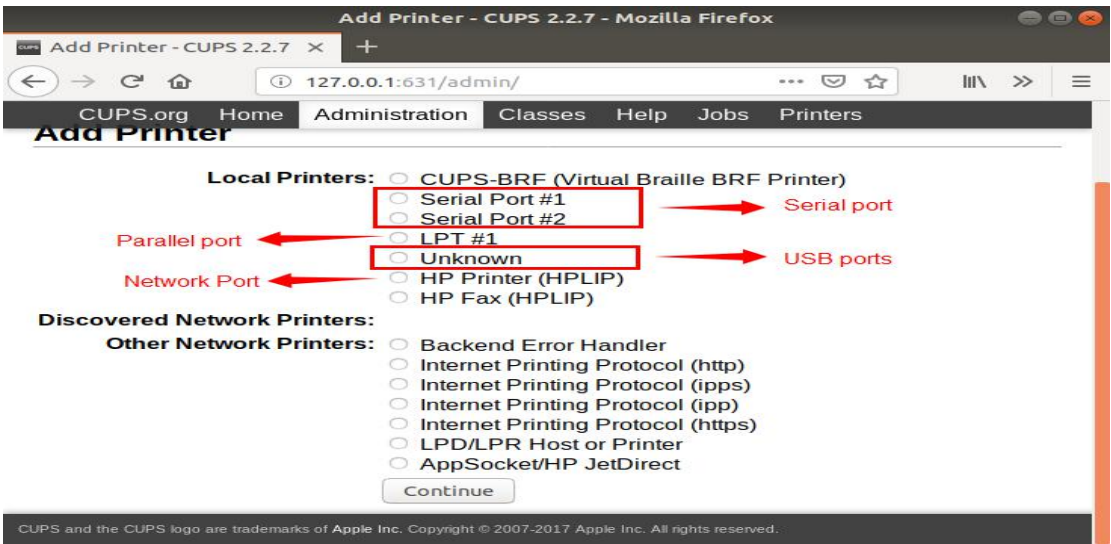


9.A login box may pop up. Please enter the login user and password.



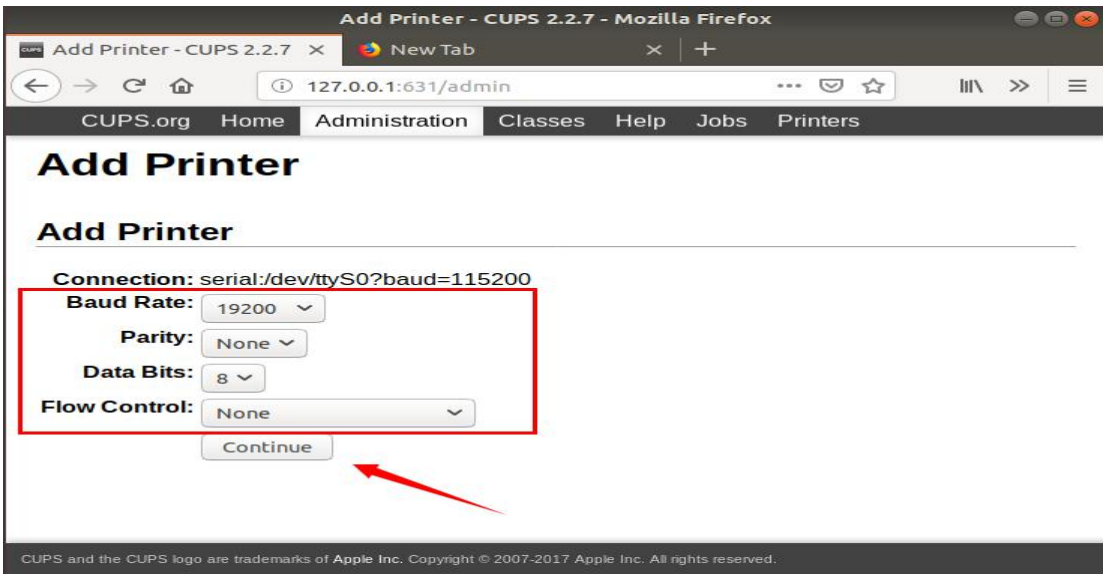
The image shows a dialog box titled "Authentication Required". It contains a message: "http://127.0.0.1:631 is requesting your username and password. The site says: 'CUPS'". Below the message are two input fields: "User Name:" with the text "ljq" and "Password:" with masked characters "*****". At the bottom right are two buttons: "Cancel" and "OK".

10.After entering the login user and password, click OK, jump to the following screen, select the Local Printers that you want, and click Continue.



The image shows a web browser window titled "Add Printer - CUPS 2.2.7 - Mozilla Firefox". The address bar shows "127.0.0.1:631/admin/". The page has a navigation bar with links: "CUPS.org", "Home", "Administration", "Classes", "Help", "Jobs", and "Printers". The main content area is titled "Add Printer" and lists various printer options. Under "Local Printers:", there are radio buttons for "CUPS-BRF (Virtual Braille BRF Printer)", "Serial Port #1", "Serial Port #2", "LPT #1", and "Unknown". Red arrows point from "Serial Port #1" to "Serial port" and from "Serial Port #2" to "Serial port". Another red arrow points from "LPT #1" to "Parallel port". A red arrow points from "Unknown" to "USB ports". Below "Local Printers:" are "Discovered Network Printers:" and "Other Network Printers:". The "Other Network Printers:" list includes "Backend Error Handler", "Internet Printing Protocol (http)", "Internet Printing Protocol (ipp)", "Internet Printing Protocol (ipp)", "Internet Printing Protocol (https)", "LPD/LPR Host or Printer", and "AppSocket/HP JetDirect". A "Continue" button is at the bottom.

Suppose Local Printers select Serial Port #1, set the same value to the Serial Port configuration of the printer, and then click Continue, as shown below:



The image shows a web browser window titled "Add Printer - CUPS 2.2.7 - Mozilla Firefox". The address bar shows "127.0.0.1:631/admin". The page has a navigation bar with links: "CUPS.org", "Home", "Administration", "Classes", "Help", "Jobs", and "Printers". The main content area is titled "Add Printer" and shows the "Add Printer" form. The "Connection:" field is set to "serial:/dev/ttyS0?baud=115200". Below it are fields for "Baud Rate:" (19200), "Parity:" (None), "Data Bits:" (8), and "Flow Control:" (None). A red box highlights these fields. A red arrow points to the "Continue" button at the bottom.

If Local Printers select HP Printer (HPLIP), set it according to the Printer's IP configuration.

Socket://IP address: IP port, then click Continue, as shown below.

The screenshot shows the 'Add Printer' page in the CUPS 2.2.7 web interface, accessed via Mozilla Firefox at 127.0.0.1:631/admin. The 'Connection' field is highlighted with a red box and contains the text 'socket://192.168.123.100:9100'. Below this, a list of examples is provided: 'http://hostname:631/ipp/', 'http://hostname:631/ipp/port1', 'ipp://hostname/ipp/', 'ipp://hostname/ipp/port1', 'lpd://hostname/queue', 'socket://hostname', and 'socket://hostname:9100'. A red arrow points to the 'Continue' button at the bottom.

Add Printer

Connection: socket://192.168.123.100:9100

Examples:

- http://hostname:631/ipp/
- http://hostname:631/ipp/port1
- ipp://hostname/ipp/
- ipp://hostname/ipp/port1
- lpd://hostname/queue
- socket://hostname
- socket://hostname:9100

See "Network Printers" for the correct URI to use with your printer.

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11. Below you can fill in the driver name you want, otherwise you can leave blank, then click Continue.

The screenshot shows the 'Add Printer' page in the CUPS 2.2.7 web interface, accessed via Mozilla Firefox at 127.0.0.1:631/admin. The 'Name' field is highlighted with a red box and contains the text 'POS-80-USB'. Below this, a list of examples is provided: 'http://hostname:631/ipp/', 'http://hostname:631/ipp/port1', 'ipp://hostname/ipp/', 'ipp://hostname/ipp/port1', 'lpd://hostname/queue', 'socket://hostname', and 'socket://hostname:9100'. A red arrow points to the 'Continue' button at the bottom.

Add Printer

Name: POS-80-USB

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

Description:

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

Location:

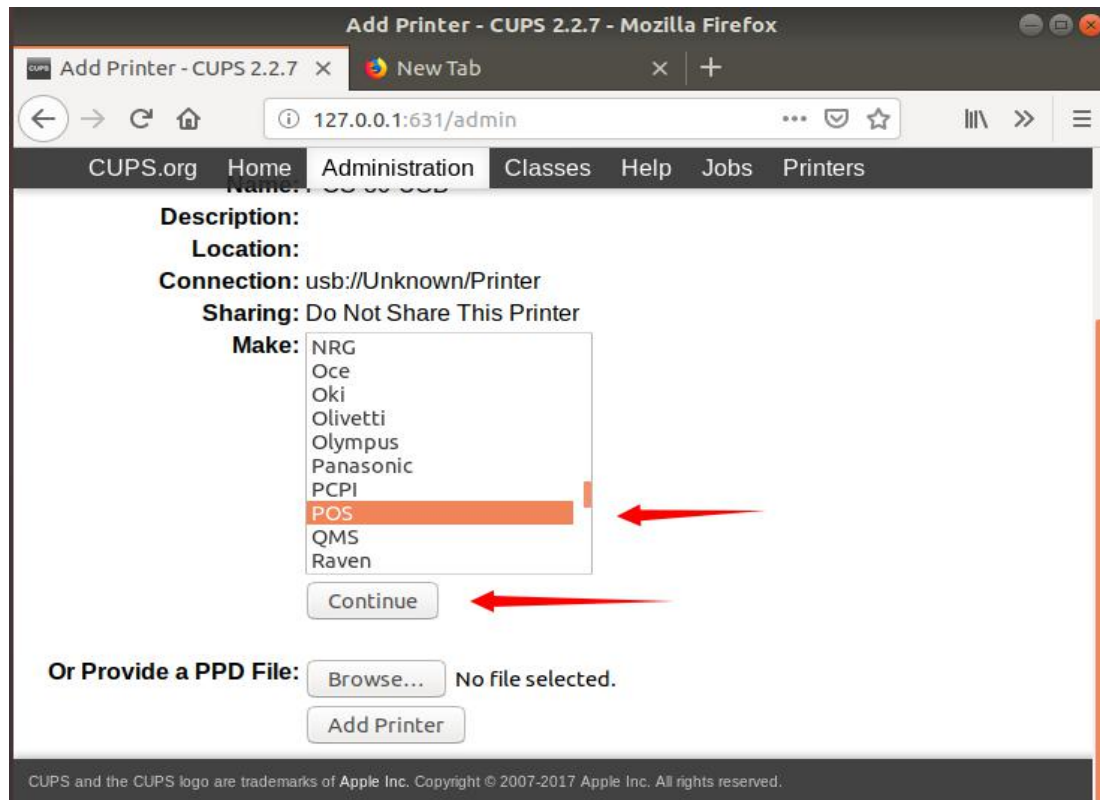
(Human-readable location such as "Lab 1")

Connection: usb://Unknown/Printer

Sharing: ☐ Share This Printer

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12. Make select POS, and then click Continue.



Add Printer - CUPS 2.2.7 - Mozilla Firefox

CUPS Add Printer - CUPS 2.2.7 x New Tab x +

127.0.0.1:631/admin

CUPS.org Home Administration Classes Help Jobs Printers

Name: CUPS-USB

Description:

Location:

Connection: usb://Unknown/Printer

Sharing: Do Not Share This Printer

Make:

- NRG
- Oce
- Oki
- Olivetti
- Olympus
- Panasonic
- PCPI
- POS**
- QMS
- Raven

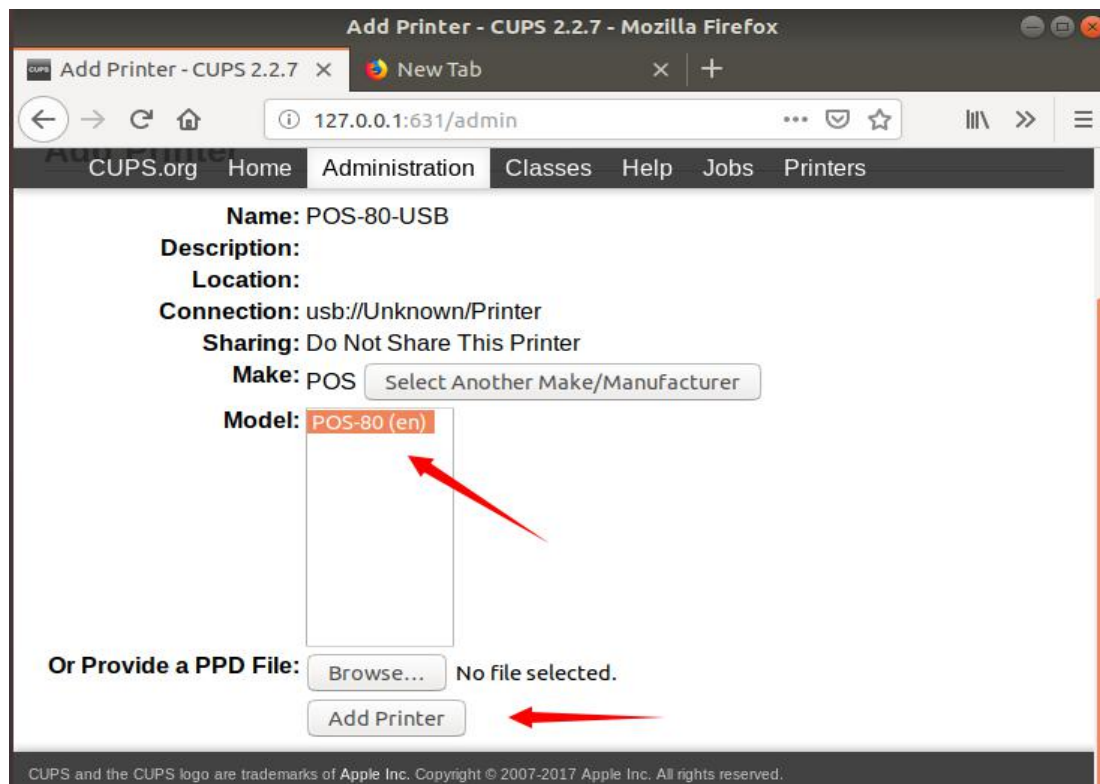
Continue

Or Provide a PPD File: Browse... No file selected.

Add Printer

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Then enter the following interface, Model select POS-80 (EN), and click Add Printer.



Add Printer - CUPS 2.2.7 - Mozilla Firefox

CUPS Add Printer - CUPS 2.2.7 x New Tab x +

127.0.0.1:631/admin

CUPS.org Home Administration Classes Help Jobs Printers

Name: POS-80-USB

Description:

Location:

Connection: usb://Unknown/Printer

Sharing: Do Not Share This Printer

Make: POS Select Another Make/Manufacturer

Model:

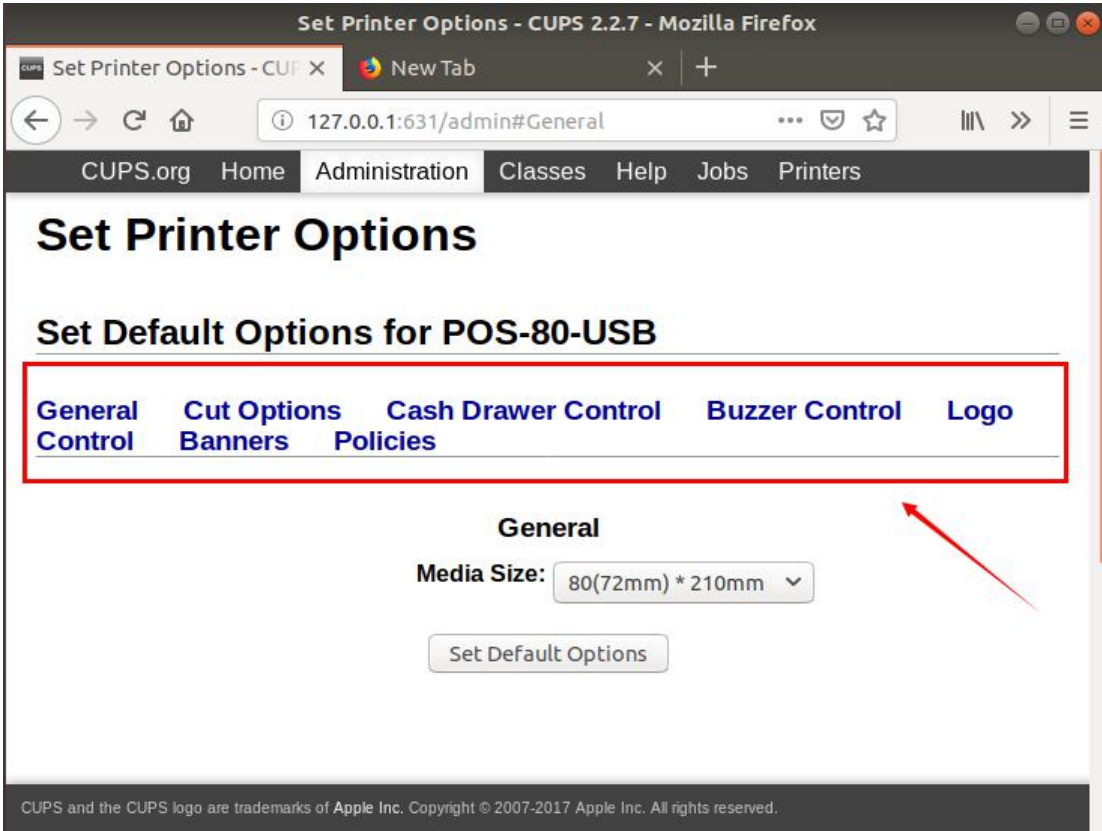
- POS-80 (en)**

Or Provide a PPD File: Browse... No file selected.

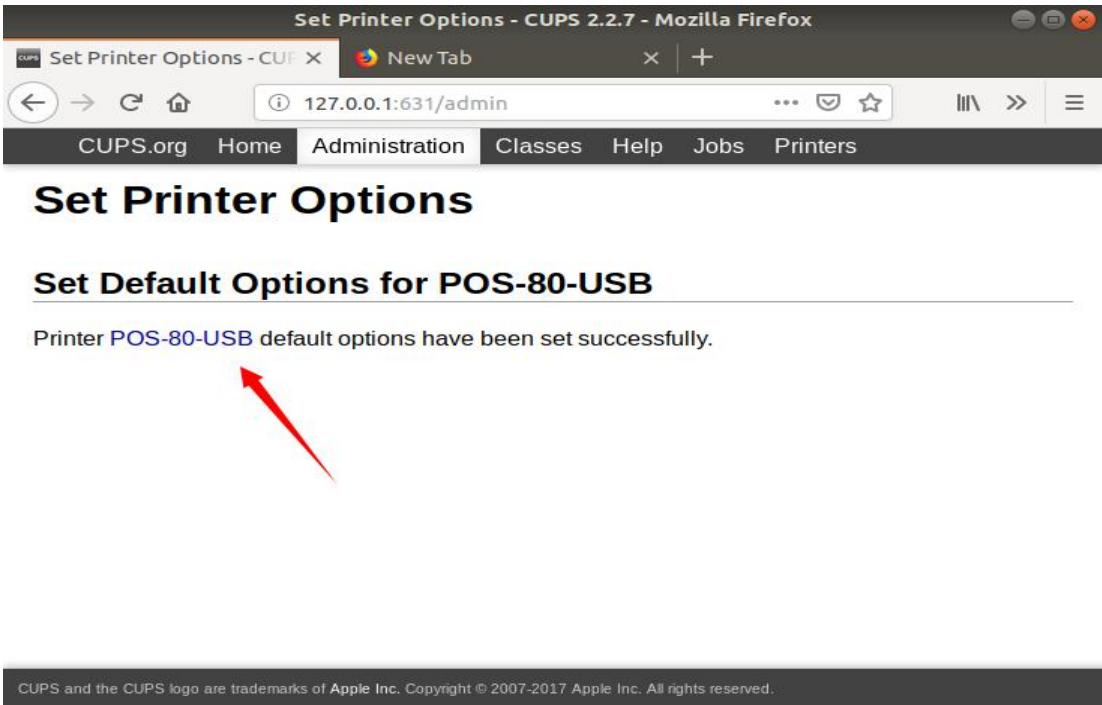
Add Printer

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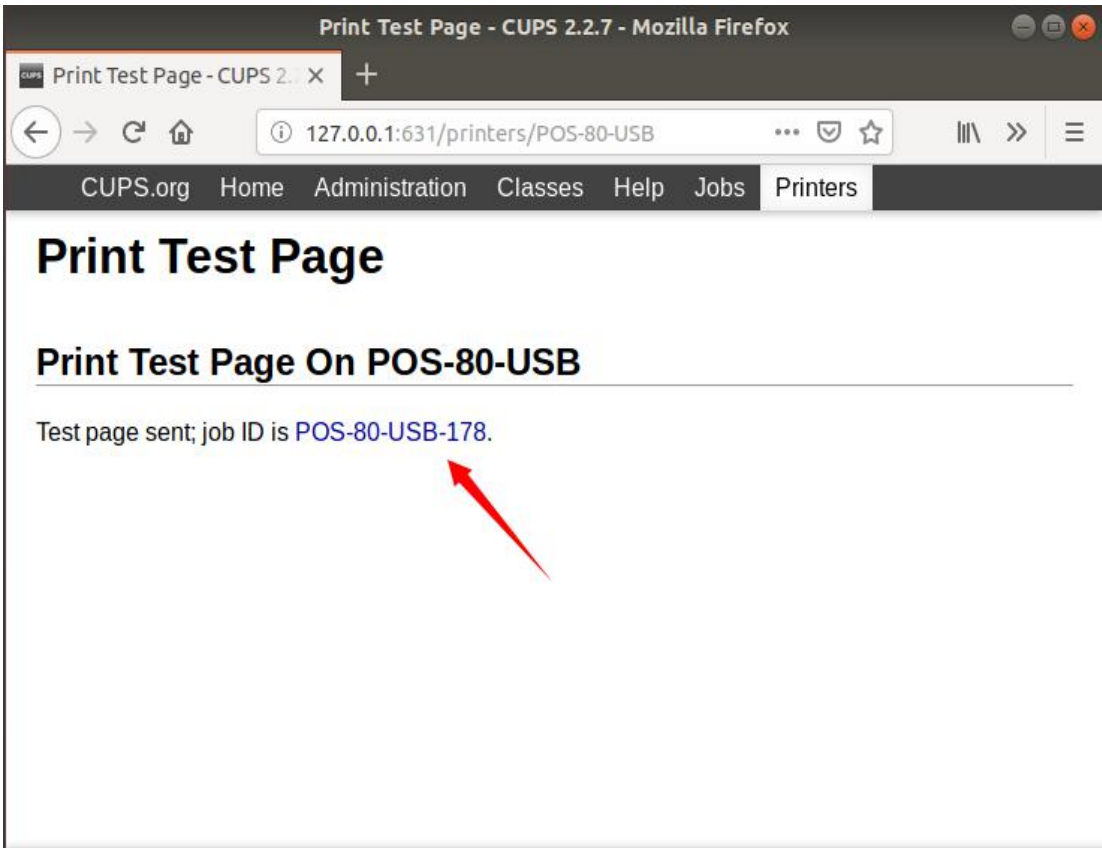
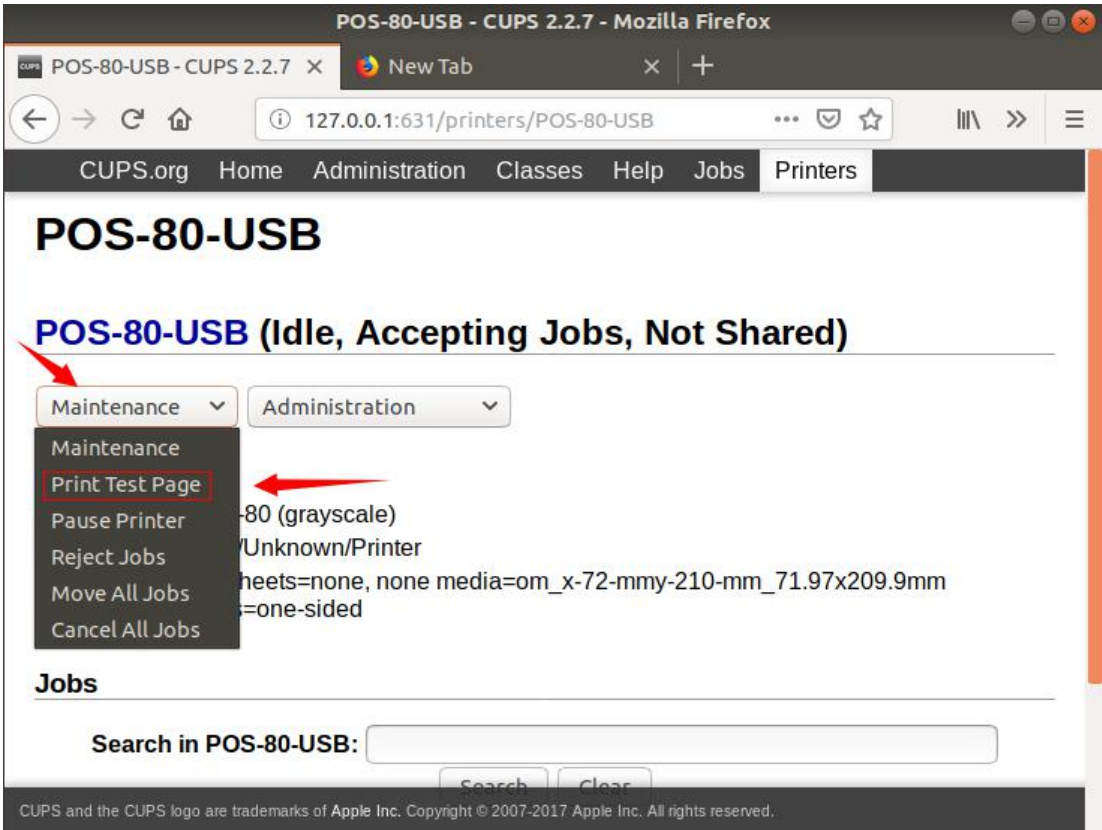
13. Enter the following interface, select the driver setting function you want, and click Set Default Options.



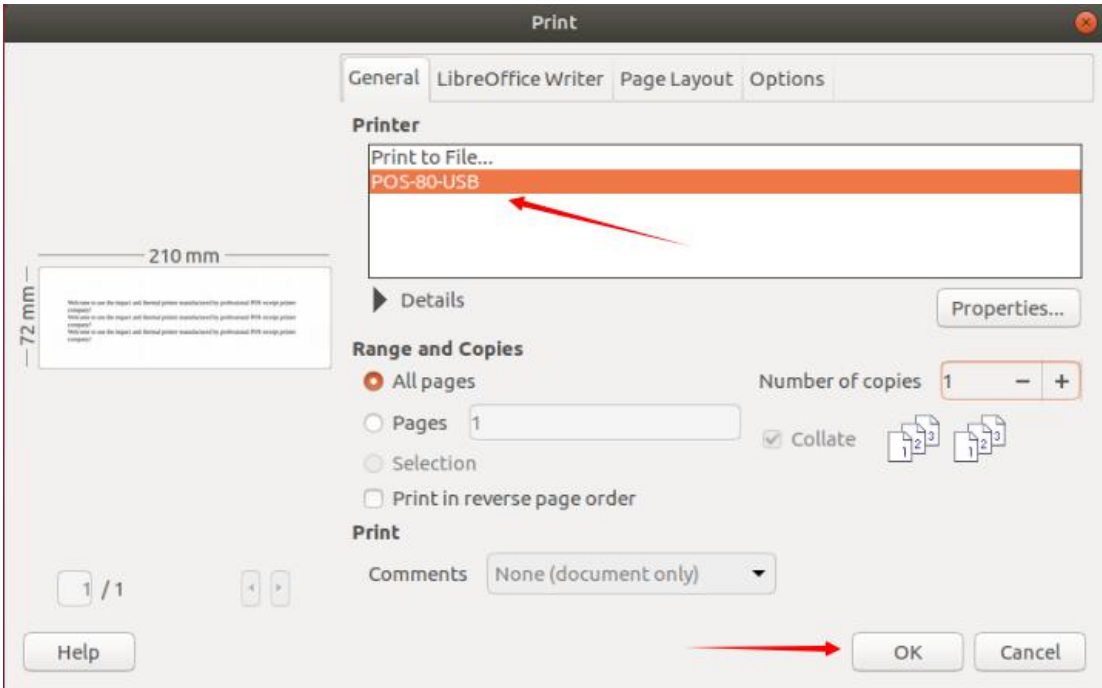
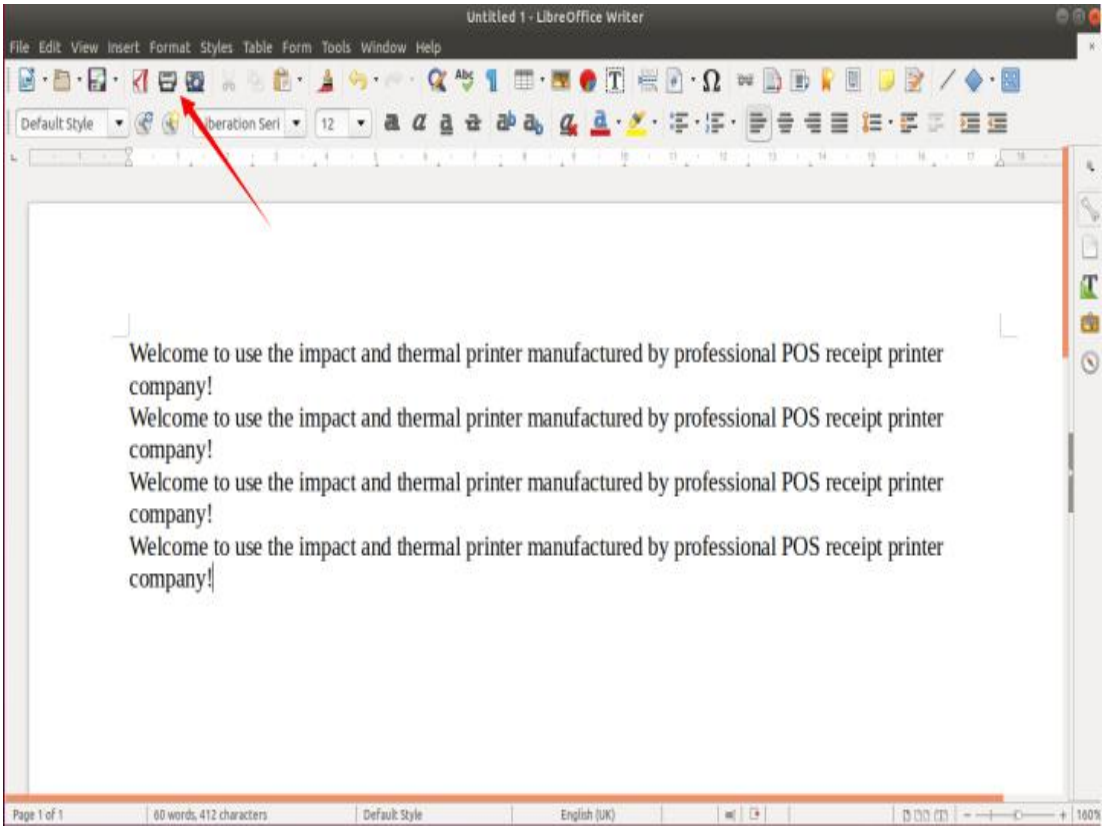
Next, the printer has been added successfully, as shown below. Click the name of the printer or wait for a moment to enter the printer management page.



14. Click the management page of the printer and print the test page as shown below.



15. For text printing test, click the Ctrl+P shortcut, as shown below.



Above is the entire Linux driver installation manual.