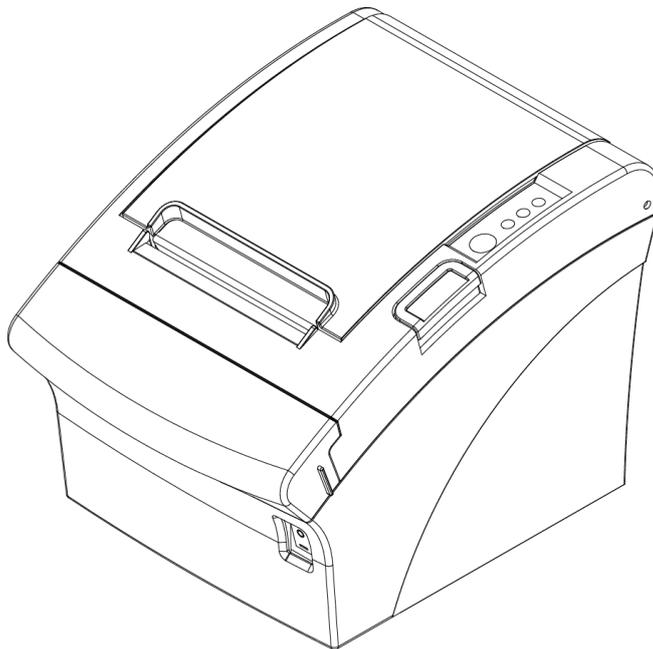


**BIXOLON®**

# **MAC CUPS Driver Install**

---

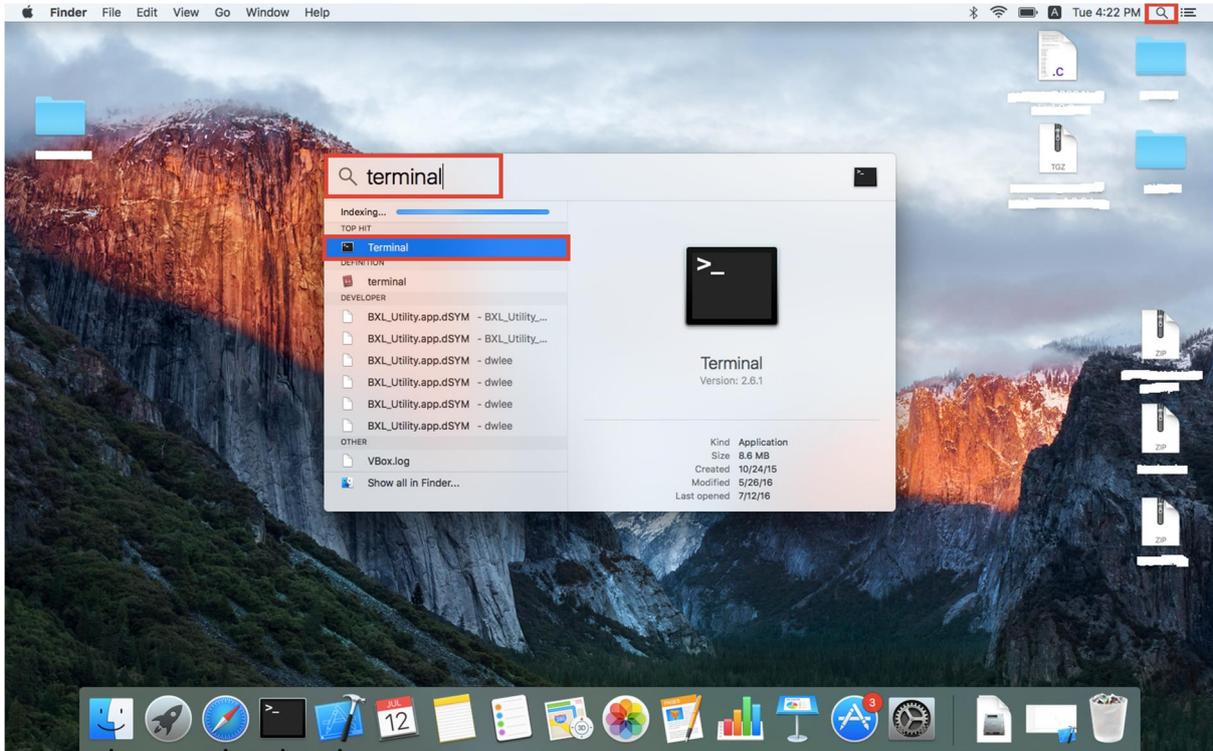
**Rev. 1.00**



<http://www.bixolon.com>

**Rev. 1.00**

1. Download MAC CUPS driver in BIXOLON website.
2. Search and execute the terminal program.



3. Login to the root account.



- 3-1. If the root account is disabled, enable the root account using "dsenableroot" command.

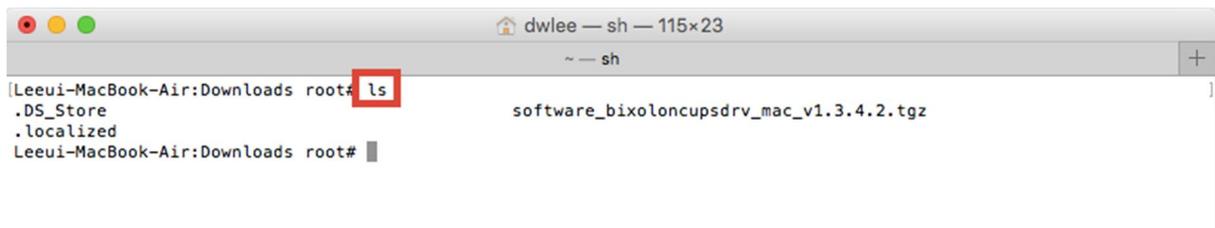


- Once driver download is completed, execute the terminal and type "cd /Users/dwlee/Downloads" to move to 'Downloads folder'.



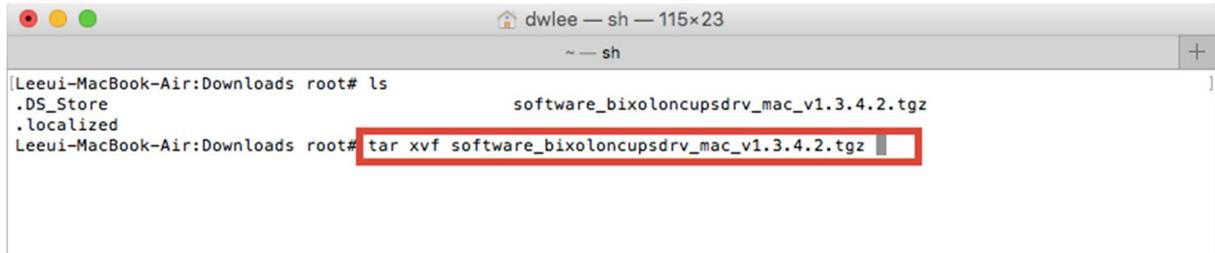
```
dwlee — sh — 115x37
~ — sh
Leeui-MacBook-Air:filter root# cd /Users/dwlee/Downloads/
```

- Type "ls" and click the 'Enter button' to check driver file downloaded.



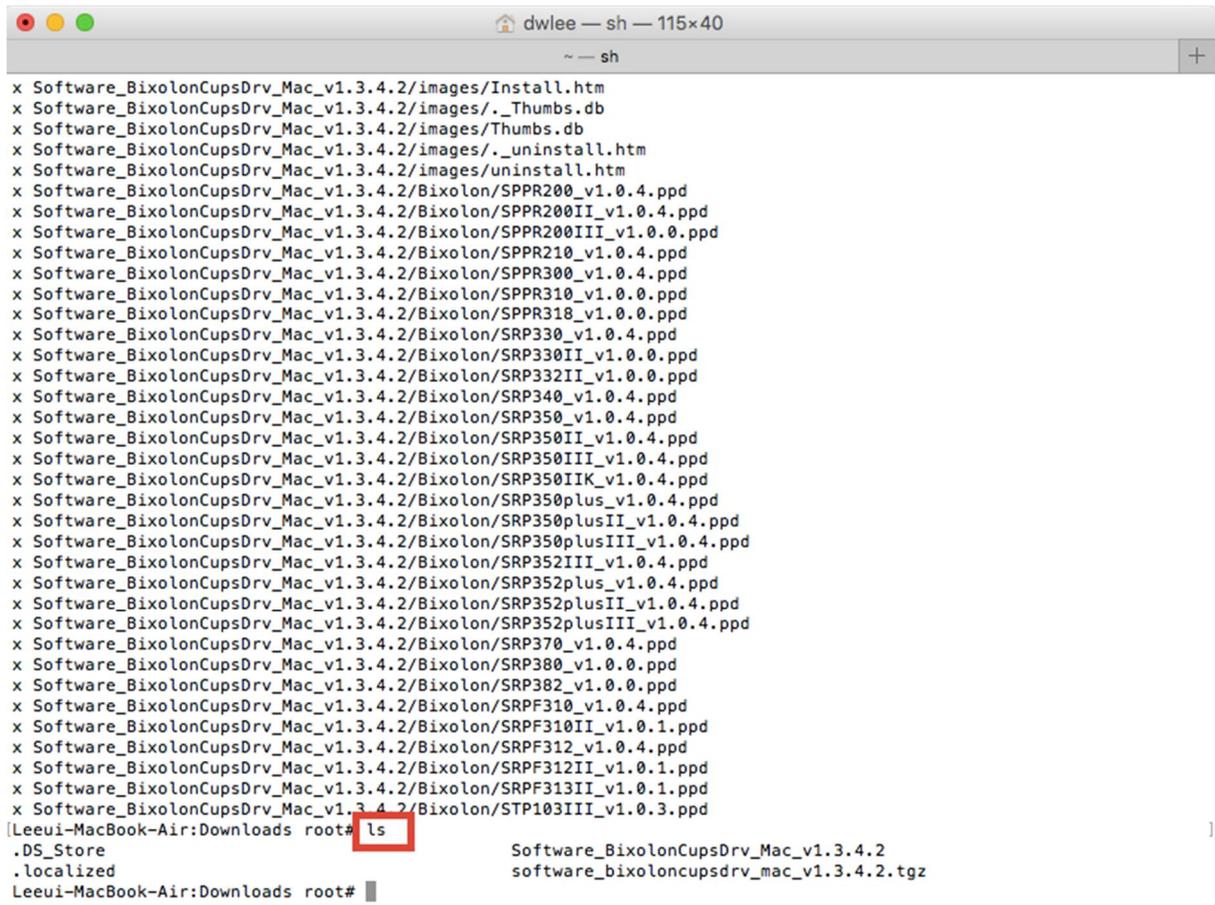
```
dwlee — sh — 115x23
~ — sh
Leeui-MacBook-Air:Downloads root# ls
.DS_Store                                software_bixoncupdrv_mac_v1.3.4.2.tgz
.localized
Leeui-MacBook-Air:Downloads root#
```

- To extract the driver tgz file, type "tar xvf driver name" and click the 'Enter button'.



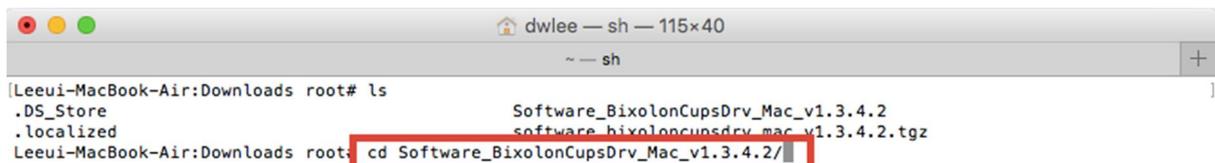
```
dwlee — sh — 115x23
~ — sh
Leeui-MacBook-Air:Downloads root# ls
.DS_Store                                software_bixoncupdrv_mac_v1.3.4.2.tgz
.localized
Leeui-MacBook-Air:Downloads root# tar xvf software_bixoncupdrv_mac_v1.3.4.2.tgz
```

7. Type "ls" after extracting the tgz file to check the driver folder.



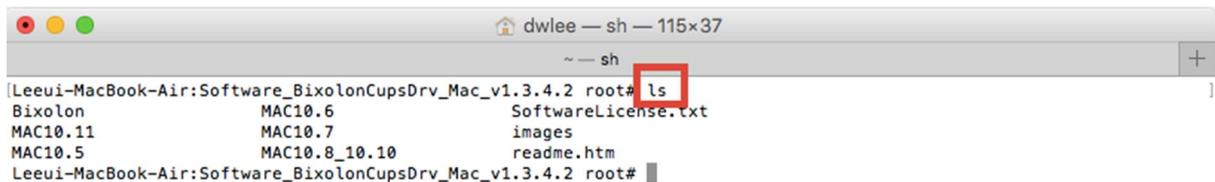
```
dwlee — sh — 115x40
~ — sh
x Software_BixelonCupsDrv_Mac_v1.3.4.2/images/Install.htm
x Software_BixelonCupsDrv_Mac_v1.3.4.2/images/._Thumbs.db
x Software_BixelonCupsDrv_Mac_v1.3.4.2/images/Thumbs.db
x Software_BixelonCupsDrv_Mac_v1.3.4.2/images/._uninstall.htm
x Software_BixelonCupsDrv_Mac_v1.3.4.2/images/uninstall.htm
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SPPR200_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SPPR200II_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SPPR200III_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SPPR210_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SPPR300_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SPPR310_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SPPR318_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP330_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP330II_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP332II_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP340_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP350_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP350II_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP350III_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP350IIK_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP350plus_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP350plusII_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP350plusIII_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP352III_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP352plus_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP352plusII_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP352plusIII_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP370_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP380_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRP382_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRPF310_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRPF310II_v1.0.1.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRPF312_v1.0.4.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRPF312II_v1.0.1.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/SRPF313II_v1.0.1.ppd
x Software_BixelonCupsDrv_Mac_v1.3.4.2/Bixelon/STP103III_v1.0.3.ppd
Leeui-MacBook-Air:Downloads root# ls
.DS_Store                               Software_BixelonCupsDrv_Mac_v1.3.4.2
.localized                              software_bixeloncupsdrv_mac_v1.3.4.2.tgz
Leeui-MacBook-Air:Downloads root#
```

8. Type "cd driver folder name" and click 'Enter button' to move to driver folder.



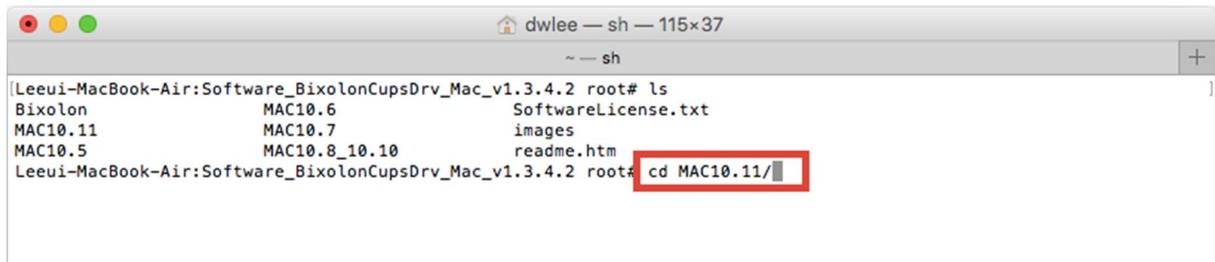
```
dwlee — sh — 115x40
~ — sh
Leeui-MacBook-Air:Downloads root# ls
.DS_Store                               Software_BixelonCupsDrv_Mac_v1.3.4.2
.localized                              software_bixeloncupsdrv_mac_v1.3.4.2.tgz
Leeui-MacBook-Air:Downloads root# cd Software_BixelonCupsDrv_Mac_v1.3.4.2/
```

9. Type "ls" to check the driver.



```
dwlee — sh — 115x37
~ — sh
Leeui-MacBook-Air:Software_BixelonCupsDrv_Mac_v1.3.4.2 root# ls
Bixelon          MAC10.6          SoftwareLicense.txt
MAC10.11        MAC10.7          images
MAC10.5         MAC10.8_10.10  readme.htm
Leeui-MacBook-Air:Software_BixelonCupsDrv_Mac_v1.3.4.2 root#
```

10. Type "cd MAC10.x" and click 'Enter button' to move to folder of using MAC OS.



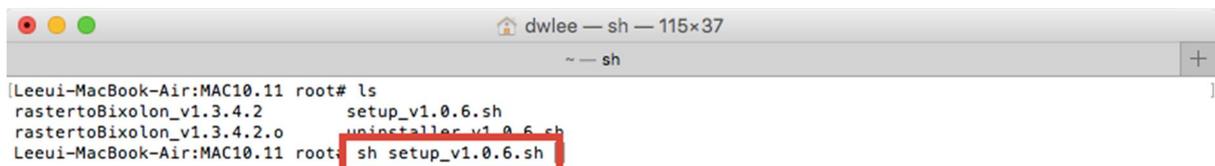
```
dwlee — sh — 115x37
~ — sh
Leeui-MacBook-Air:Software_BixelonCupsDrv_Mac_v1.3.4.2 root# ls
Bixelon          MAC10.6          SoftwareLicense.txt
MAC10.11         MAC10.7          images
MAC10.5          MAC10.8_10.10   readme.htm
Leeui-MacBook-Air:Software_BixelonCupsDrv_Mac_v1.3.4.2 root# cd MAC10.11/
```

11. Type "ls" to check the driver.



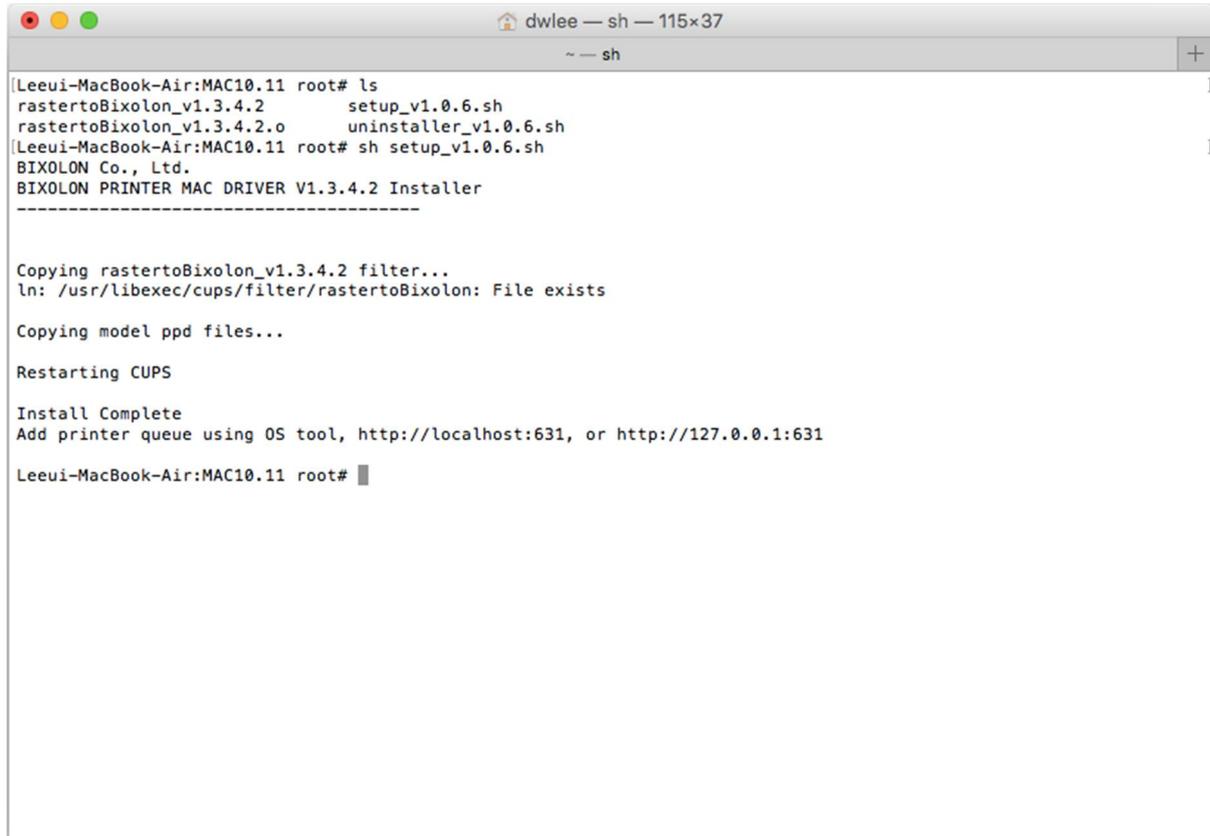
```
dwlee — sh — 115x37
~ — sh
Leeui-MacBook-Air:MAC10.11 root# ls
rastertoBixelon_v1.3.4.2  setup_v1.0.6.sh
rastertoBixelon_v1.3.4.2.o  uninstaller_v1.0.6.sh
Leeui-MacBook-Air:MAC10.11 root#
```

12. Type "sh setup\_vX.X.X.sh" and click 'Enter button' to install the driver.



```
dwlee — sh — 115x37
~ — sh
Leeui-MacBook-Air:MAC10.11 root# ls
rastertoBixelon_v1.3.4.2  setup_v1.0.6.sh
rastertoBixelon_v1.3.4.2.o  uninstaller_v1.0.6.sh
Leeui-MacBook-Air:MAC10.11 root# sh setup_v1.0.6.sh
```

13. After driver installation, "Install Complete" message will be showed.



```
Leeui-MacBook-Air:MAC10.11 root# ls
rastertoBixelon_v1.3.4.2      setup_v1.0.6.sh
rastertoBixelon_v1.3.4.2.o  uninstaller_v1.0.6.sh
Leeui-MacBook-Air:MAC10.11 root# sh setup_v1.0.6.sh
BIXOLON Co., Ltd.
BIXOLON PRINTER MAC DRIVER V1.3.4.2 Installer
-----

Copying rastertoBixelon_v1.3.4.2 filter...
ln: /usr/libexec/cups/filter/rastertoBixelon: File exists

Copying model ppd files...

Restarting CUPS

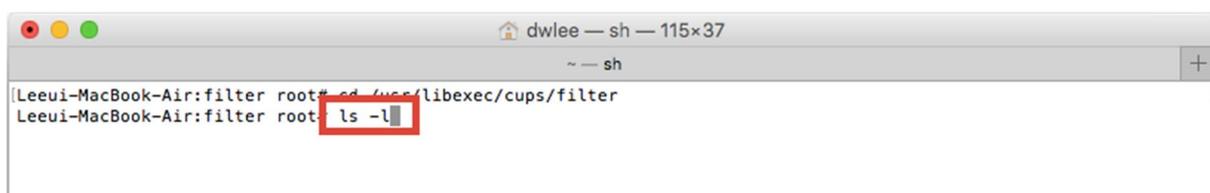
Install Complete
Add printer queue using OS tool, http://localhost:631, or http://127.0.0.1:631
Leeui-MacBook-Air:MAC10.11 root#
```

14. Type "cd /usr/lib/cups/filter" and click 'Enter button' to check if driver installation is completed correctly.



```
Leeui-MacBook-Air:filter root# cd /usr/libexec/cups/filter
```

15. Type "ls -l" and click 'Enter button'.

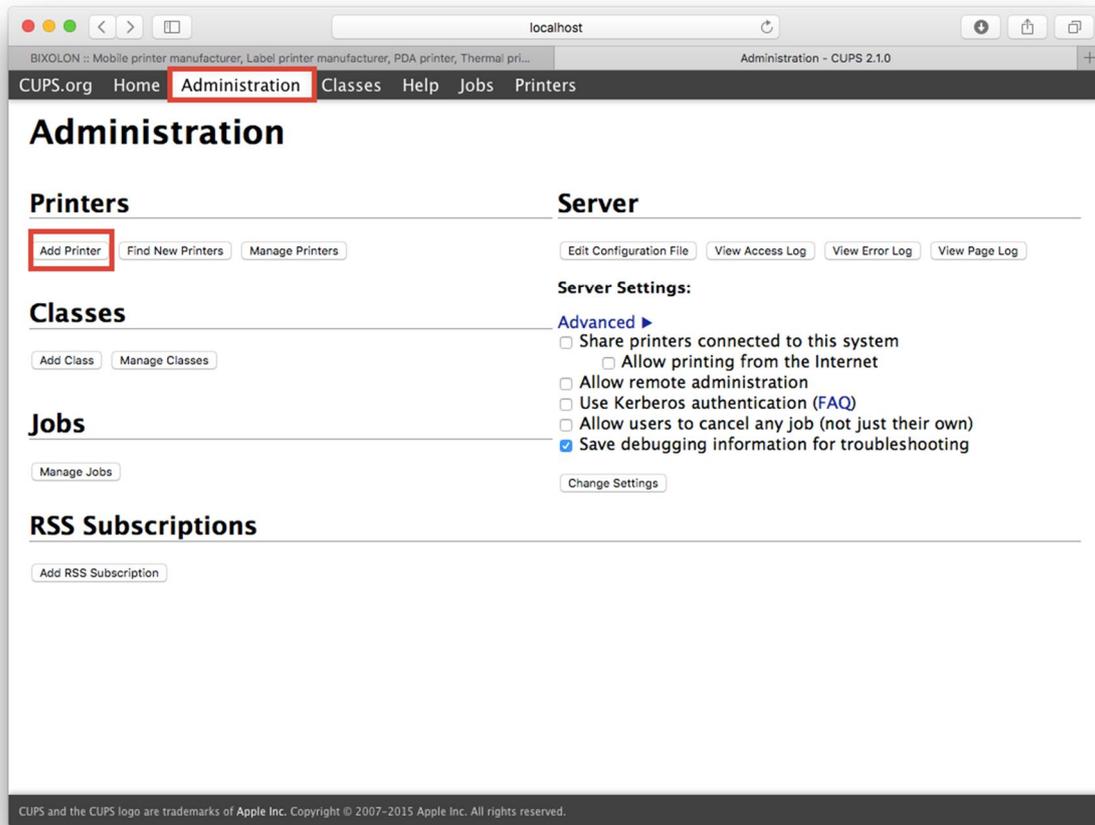


```
Leeui-MacBook-Air:filter root# cd /usr/libexec/cups/filter
Leeui-MacBook-Air:filter root# ls -l
```

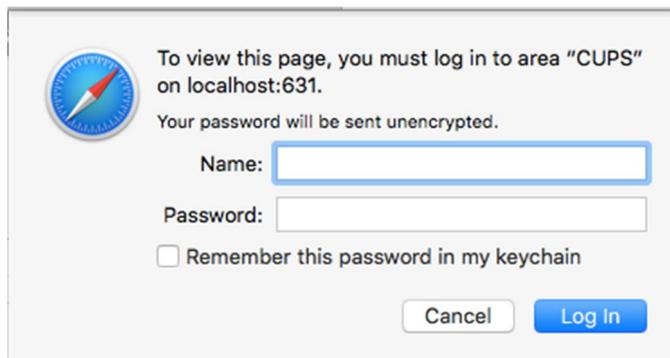
16. Check if the driver file exists and driver version installed is the same as installation version.

```
dwlee — sh — 115x37
~ — sh
Leeui-MacBook-Air:filter root# cd /usr/libexec/cups/filter
Leeui-MacBook-Air:filter root# ls -l
total 3088
-rwxr-xr-x 1 root wheel 41168 May 25 17:22 cgbannertopdf
-rwxr-xr-x 1 root wheel 45088 May 25 16:02 cgbannertopdf_org
-rwxr-xr-x 1 root wheel 36928 May 25 16:02 cgimagetopdf
-rwxr-xr-x 1 root wheel 46976 May 25 16:02 cgpdftopdf
-rwxr-xr-x 1 root wheel 49680 May 25 16:02 cgpdftops
-rwxr-xr-x 1 root wheel 456320 May 5 15:03 cgpdftoraster
-rwxr-xr-x 1 root wheel 456320 May 25 16:02 cgpdftoraster_org
-rwxr-xr-x 1 root wheel 49792 May 25 16:02 cgtxttopdf
-r-xr-xr-x 1 root wheel 23632 May 5 15:03 commandtops
-r-xr-xr-x 1 root wheel 18704 May 5 15:03 gziptoany
-rwxr-xr-x 1 root wheel 24976 May 25 16:02 pstoappleps
-rwxr-xr-x 1 root wheel 35776 May 25 16:02 pstocupsraster
-rwxr-xr-x 1 root wheel 30048 May 25 16:02 pstopdffilter
-r-xr-xr-x 1 root wheel 55056 May 5 15:03 rasttop
lrwxr-xr-x 1 root wheel 49 Jul 12 16:42 rastertoBixelon -> /usr/libexec/cups/filter/rastertoBixelon_v1.3.4.2
-rwxr-xr-x@ 1 root wheel 57740 Jul 12 16:42 rastertoBixelon_v1.3.4.2
-r-xr-xr-x 1 root wheel 28368 May 25 16:02 rastertoolmu
-r-xr-xr-x 1 root wheel 28224 May 5 15:03 rastertoepson
-r-xr-xr-x 1 root wheel 27872 May 5 15:03 rastertoHP
-r-xr-xr-x 1 root wheel 28368 May 5 15:03 rastertolabel
-r-xr-xr-x 1 root wheel 27840 May 5 15:03 rastertopwg
-rwxr-xr-x 1 root wheel 27472 May 25 16:02 rastertotiff
-rwxr-xr-x 1 root wheel 29536 May 25 16:02 rastertourf
-rwxr-xr-x 1 root wheel 31504 May 25 16:02 xhtmltopdf
Leeui-MacBook-Air:filter root#
```

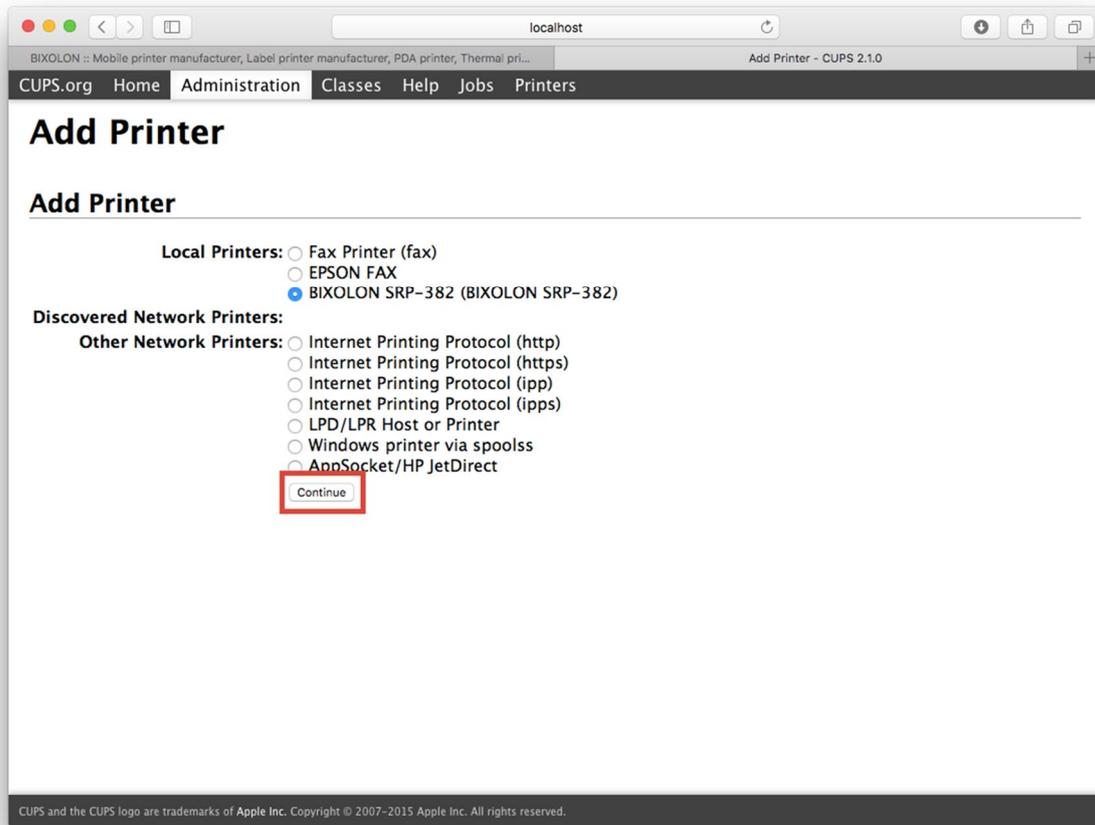
17. Once printer driver is installed correctly, open the browser and type localhost:631. Then Go to Administration and Add Printer.



18. When below message pops up, enter the 'User Name' and 'Password'.



19. Printer can be found in Local Printers. Select the printer and click 'Continue button'.  
(In case of Ethernet Interface, please refer to CUPS Ethernet Setting manual.)



20. After configuration of printer name and other information, click 'Continue button'.

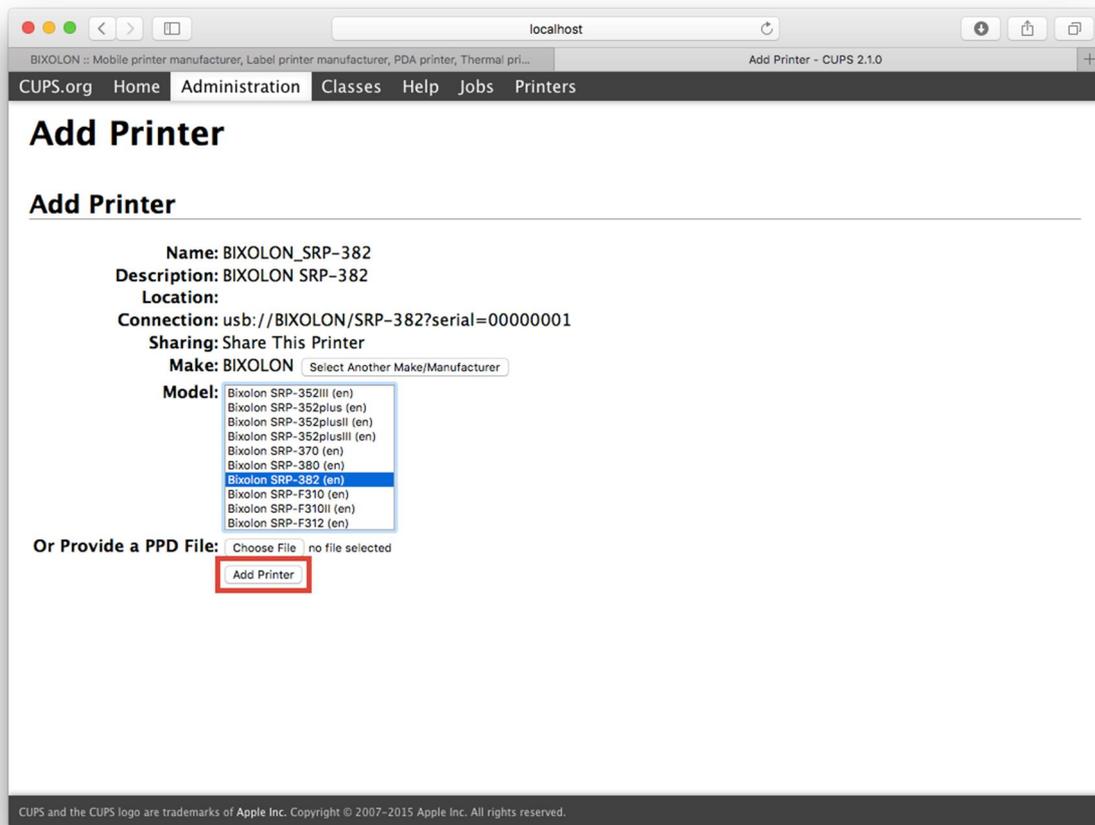
The screenshot shows a web browser window at localhost displaying the CUPS 'Add Printer' configuration page. The page title is 'Add Printer' and the breadcrumb navigation includes 'Administration' and 'Printers'. The form fields are as follows:

- Name:** BIXOLON\_SRP-382 (Note: May contain any printable characters except "/", "#", and space)
- Description:** BIXOLON SRP-382 (Note: Human-readable description such as "HP LaserJet with Duplexer")
- Location:** (Note: Human-readable location such as "Lab 1")
- Connection:** usb://BIXOLON/SRP-382?serial=00000001
- Sharing:**  Share This Printer

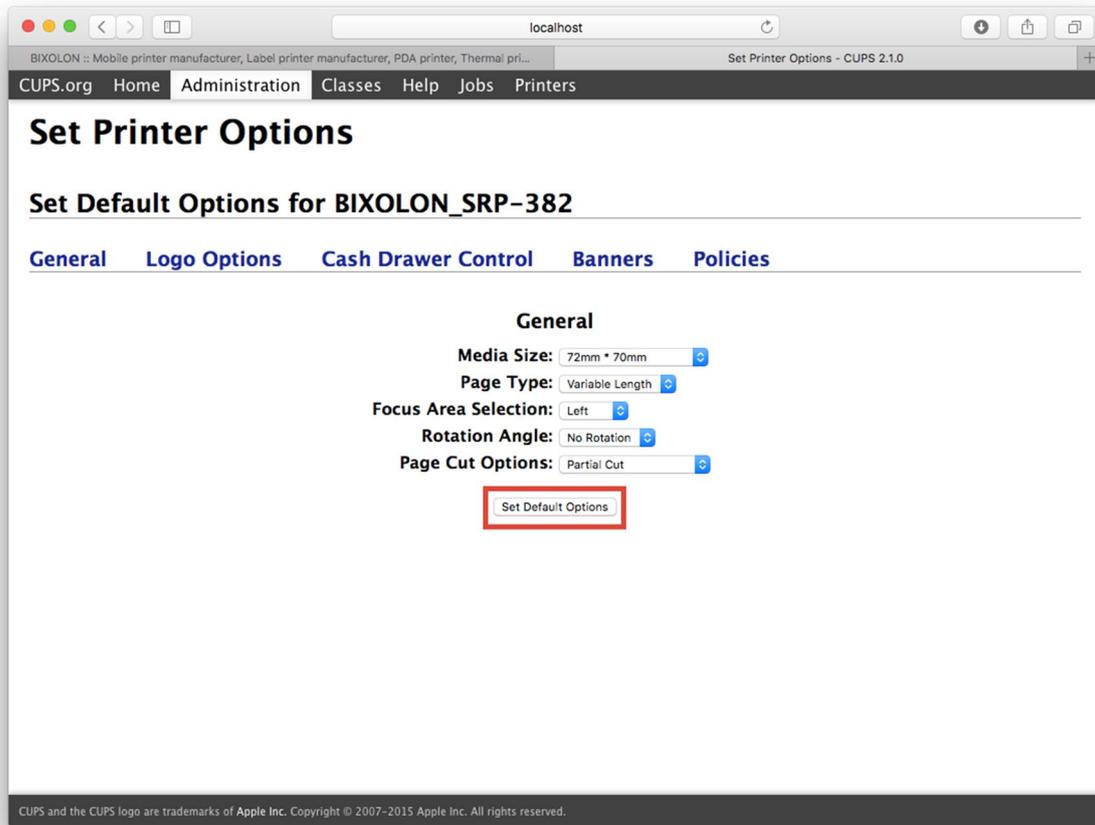
A red rectangular box highlights the 'Continue' button at the bottom of the form.

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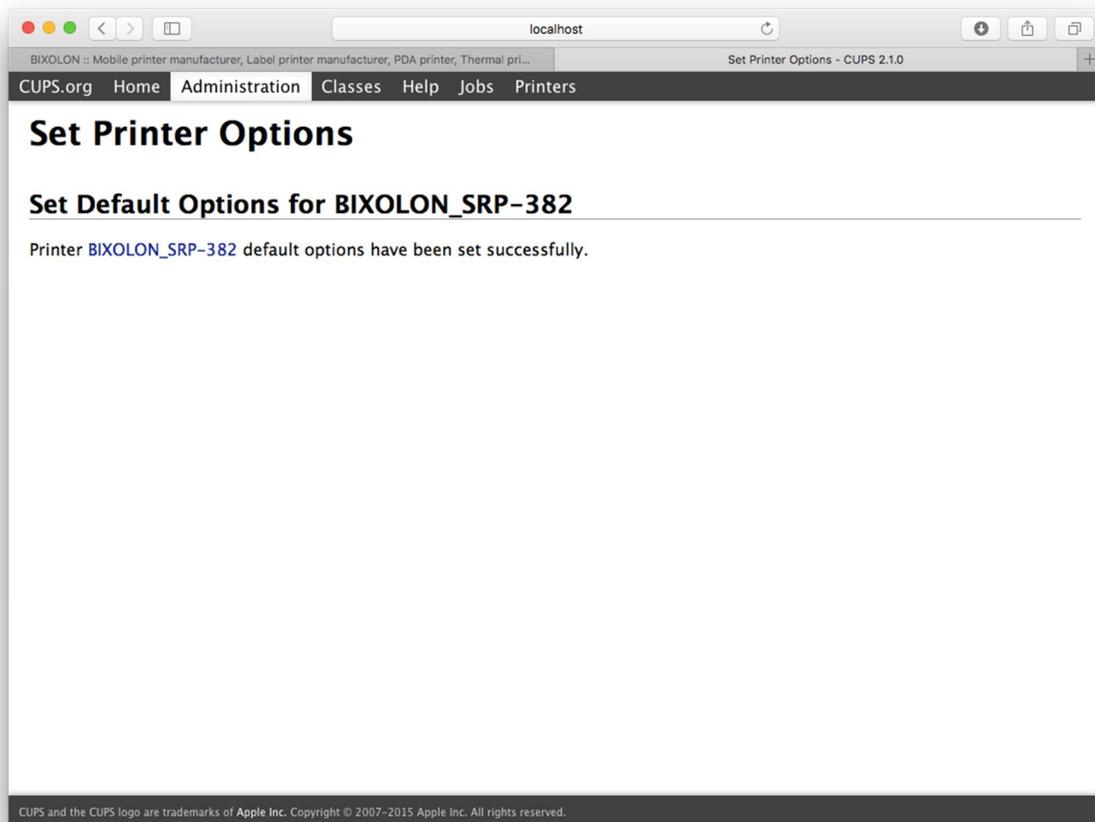
21. Select the printer model and click the 'Add Printer' button.



22. Configure printer paper size, page type, cut options, etc and click 'Set Default Options button'.



23. If below message is showed up, printer registration is completed correctly.



24. Try to 'test page print' by 'Print Test Page' option in Maintenance.

