

Installing CAPS Printing on OSX

Requirements

- Software: <http://caps.its.utas.edu.au>
OS: OSX 10.3.9 "Panther", 10.4 "Tiger", 10.5.1 "Leopard".

Process

To set up OSX for CAPS printing, you first install the software components (*Popup* and *Notify*) and then add the printer to OSX. The following instructions take you through this process.

Installing the Software

- 1 Download *popup.dmg* and *notify.dmg* from <http://caps.its.utas.edu.au>. While on the web site, locate the print queue you wish to use and note both the *Print Queue* and the *Campus*. The following table tells you which server to use based on the listed *Campus*:

<i>Campus</i>	<i>Server</i>
Cradle Coast	pup-nwc.its.utas.edu.au
Hunter Street	pup-art.its.utas.edu.au
Inveresk	pup-inv.its.utas.edu.au
Newnham	pup-nhm.its.utas.edu.au
Sandy Bay	pup-sby.its.utas.edu.au

- 2 Mount the disk image *popup.dmg* by double-clicking it, and run *Popup.pkg*.
- 3 Select the startup disk as the destination volume, and click *Install (or Upgrade)*.
If given a lock prompt, authenticate as an administrator.
If prompted, choose to leave *Popup* enabled.
- 4 When install completes, *Pharos Popup* will be installed and running.
- 5 Mount the disk image *notify.dmg*, and run *Notify.mpkg*.
- 6 Click *Continue, Continue, Continue*. Select the startup disk as the destination volume, and click *Install*.
If given a lock prompt, authenticate as an administrator.
- 7 *Notify Setup Assistant* will start. Specify the following:
Database Server Address: pupdb.its.utas.edu.au
Server Port: 2355
Timeout: 60
Click *Continue*.

- 8 Leave *Notify* enabled, and click *Continue*, *Done*, *Close*.
Note: If you ever need to reconfigure *Popup* or *Notify*, the *Setup Assistants* and an *uninstaller* are located under *Hard Disk;Library;Application Support;Pharos;Utilities*.
- 9 When install completes, *Pharos Notify* will be installed and running. Next you must add a printer. Follow the instructions below that match your version of OSX.

Adding the Printer

If using 10.3 or 10.4:

- a) Open *Applications*, then *Utilities*, then *Printer Setup Utility*.
- b) If using OSX 10.3 "Panther":
Hold down *Option*, choose *Printers* from the toolbar, and select *Add Printer* from the pull-down menu.

If using OSX 10.4 "Tiger":
Click *Add*. Hold down *Option* and click *More Printers*.
- c) From the very first pull-down menu, choose *Advanced*.
Note: If *Advanced* is not there, go back to the last step and make sure you hold down *Option*.
- d) From *Device*, select *Pharos Print Server*.
- e) *Device Name* should be set to the name of the print queue, in all upper case. For example, *LIB-LIB-MML2-Q*.
- a) *Device URI* includes the server name you noted from step 1, followed by the queue name. For example, *popup://pup-sby.its.utas.edu.au/LIB-LIB-MML2-Q*. Take care to include the *popup://* component.
- f) Where possible, leave *Printer Model* as *Generic*. If the printer supports colour or paper larger than A4, you will need the specific driver for that printer.
- g) Click *Add*.
- h) The CAPS printer is ready for use.

If using 10.5:

- a) Open *System Preferences* and click on the *Print & Fax* icon.
- b) Click the + button.
- c) Hold down the *Control* key on the keyboard and click anywhere on the toolbar. From the popup menu that appears, select *Customize Toolbar...*
- d) Drag the *Advanced* icon to the toolbar and click *Done* to close the customization dialog.

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- e) Click the *Advanced* button. The system will pause for a few seconds.
- f) From *Type*, select *Pharos Print Server*.
- g) *Device URI* includes the server address you noted in step 1, followed by the queue name. For example, *popup://pup-sby.its.utas.edu.au/LIB-LIB-MML2-Q*. Take care to include the *popup://* prefix.
- h) *Name* should be set to the name of the print queue, in all upper case. For example, *LIB-LIB-MML2-Q*.
- i) Where possible, leave *Print Using* as *Generic Postscript printer*. If the printer supports colour or paper larger than A4, you will need to use the specific driver for that printer.
- j) Click *Add*.
- k) The CAPS printer is ready for use.

Troubleshooting

- Double-check spelling and uppercase/lower case, especially any hyphens. (No underscores or spaces!)
- Installing while logged in as root seems to work best.
- Any firewall software must be set to allow traffic on port 28203. Other ports that may also need to be opened are 515, 2355, and 28201.
- For details regarding any error messages while using CAPS printing, consult the *CAPS User Guide*.

Document control details

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