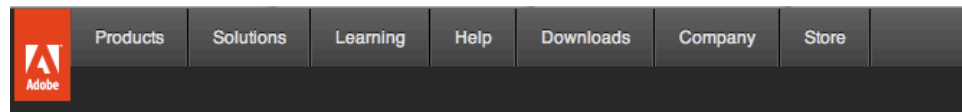


Generic PostScript Printer for JACoW (Mac OS)

- ▶ The generic PostScript printer for Mac OS X is part of the standard operating system PPD library.
- ▶ Installation instructions are available on the Adobe site
<http://kb2.adobe.com/cps/404/kb404931.html>
- ▶ Once installed, print using Save as PostScript from the print window PDF pull down, with the Generic PostScript Printer selected.

Adobe Installation Instructions



[Home](#) / [Support](#) /

Set up a default printer in the Print Center (Mac OS X)

Was this helpful? ☐ Yes ☐ No

[Deutsch](#) | [English](#) | [Français](#)

See the printer's documentation for instructions on installing the printer driver. See Mac OS X Help for instructions on how to set up a default printer. If you don't have a printer connected to the computer, create a virtual PostScript printer that you can set up as a default printer.

To create a virtual PostScript printer (Mac OS 10.5 and 10.6):

1. Open System Preferences, and select Print & Fax.
2. Choose the + sign to add a new printer.
3. Choose IP.
4. In the Protocol pop-up menu, choose Line Printer Daemon - LPD.
5. In the Address field, type in **localhost**.
6. After Generic PostScript printer displays in the Print Using field, click Add.
7. Close out of the Print & Fax preference or Quit System Preferences.

To create a virtual PostScript printer (versions of Mac OS previous to 10.5)

1. Start Print Center, and click Add Printer.
2. Choose LPR Printers from the Printer Type menu, and then choose Using IP or IP Printing from the pop-up menu in the Printer List dialog box.
3. In the LPR Printer's Address box, type localhost.
4. Choose Generic PPD or, if you know what printer you'll eventually be printing to, a particular PPD file from the Printer Model menu.
5. Click Add (disregard any No Valid Location warnings).

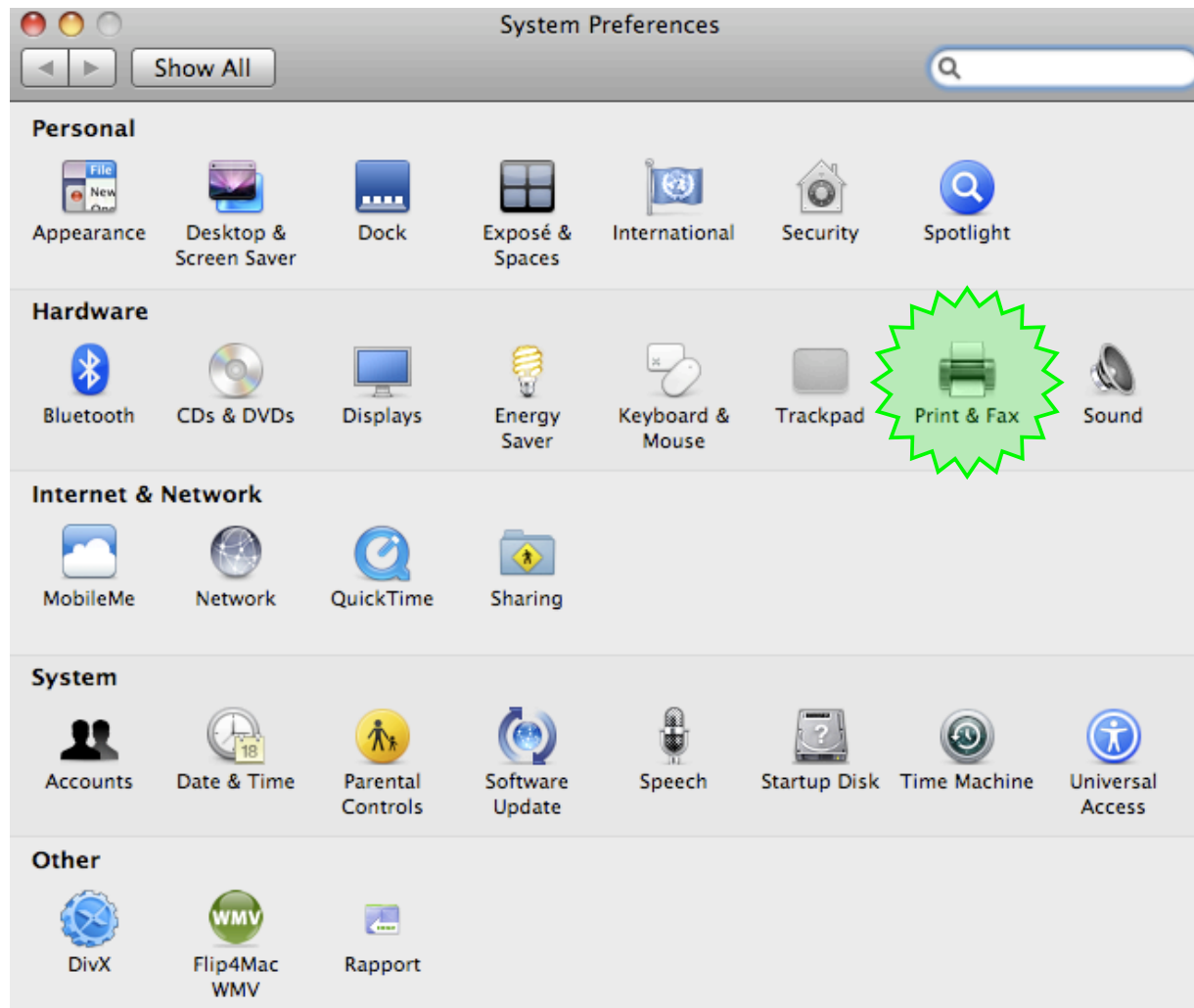
Doc ID
(kb404931)

Last updated
2009-08-27

OS
Mac OS 10.5
Mac OS 10.6

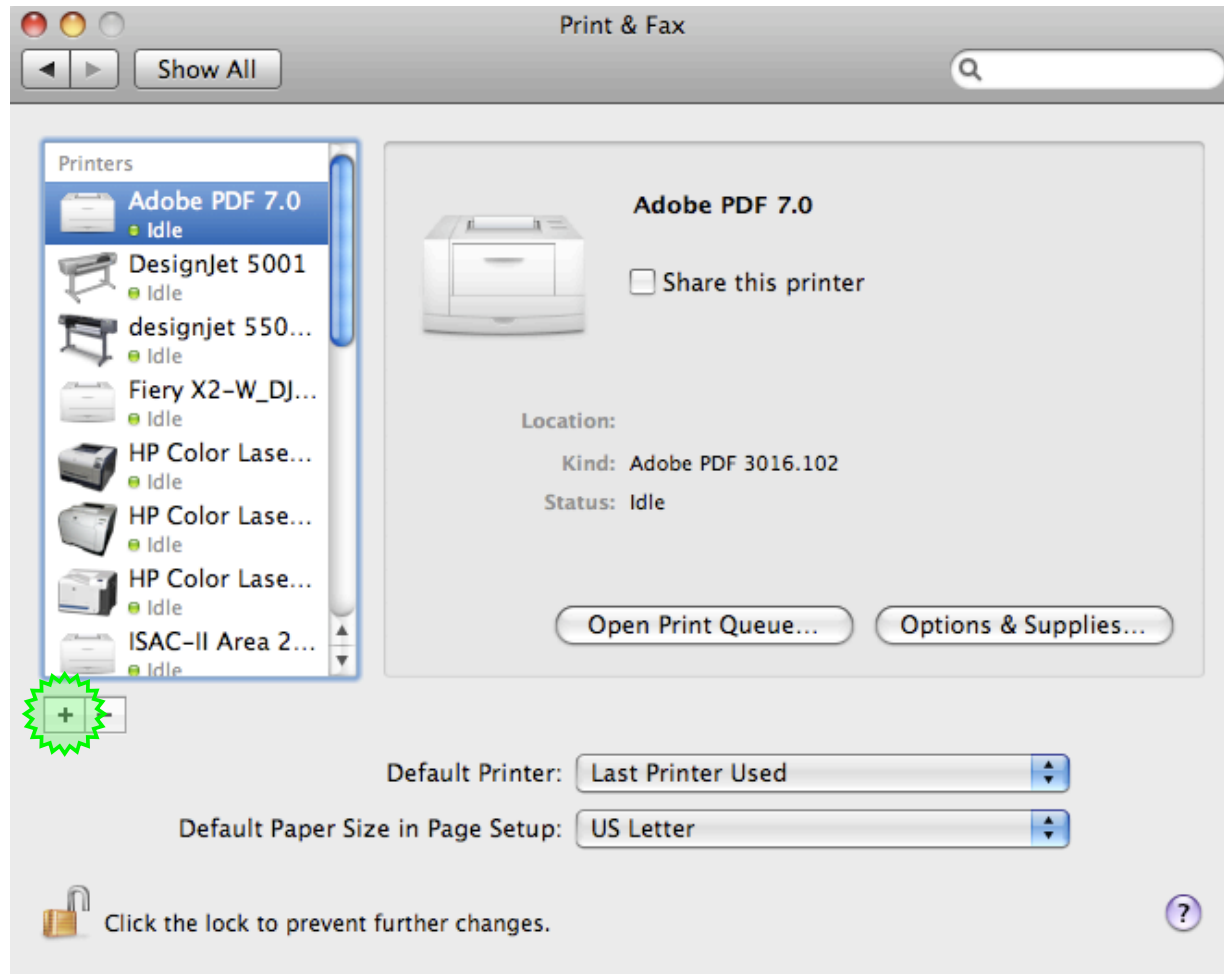
Open System Preferences

Select Print & Fax



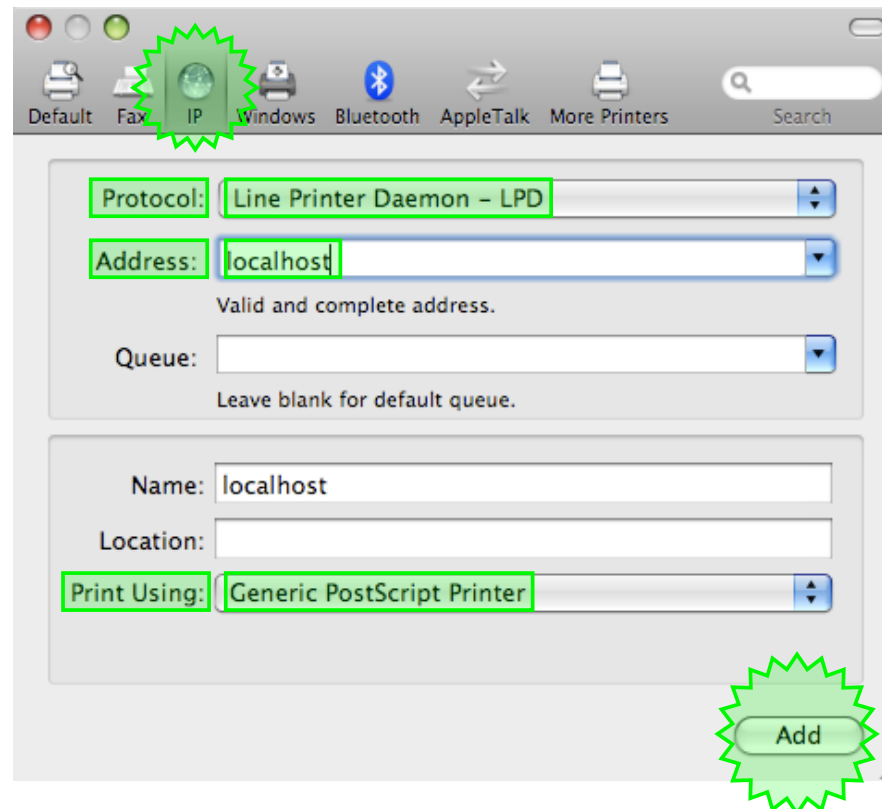
Print & Fax

Choose + to add a new printer



Add the Generic PostScript Printer

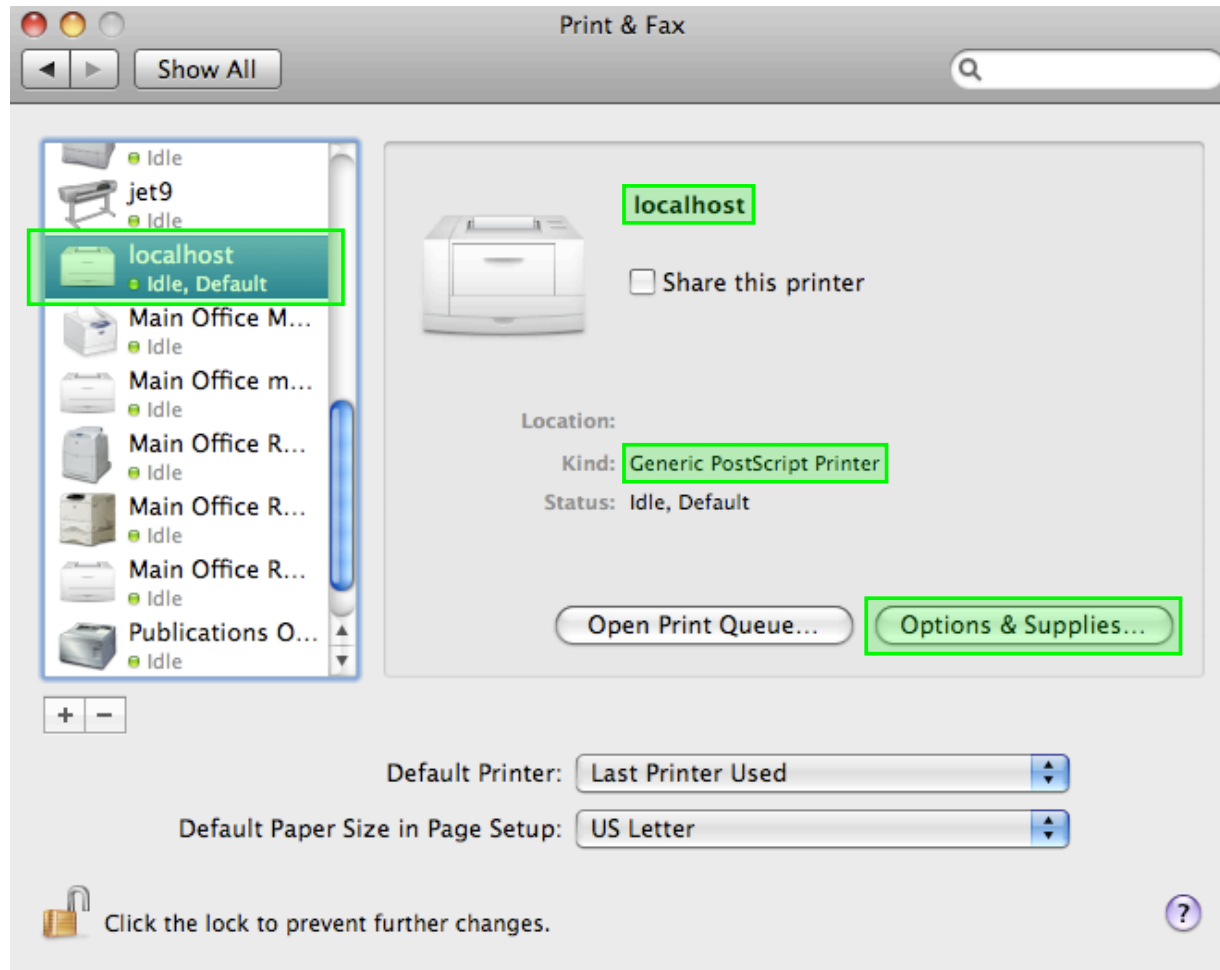
1. Choose IP
2. In the Protocol pop-up menu, choose Line Printer Daemon – LPD
3. In the Address field, type in localhost
4. After Generic PostScript Printer displays in the Print Using field, click Add



Print & Fax

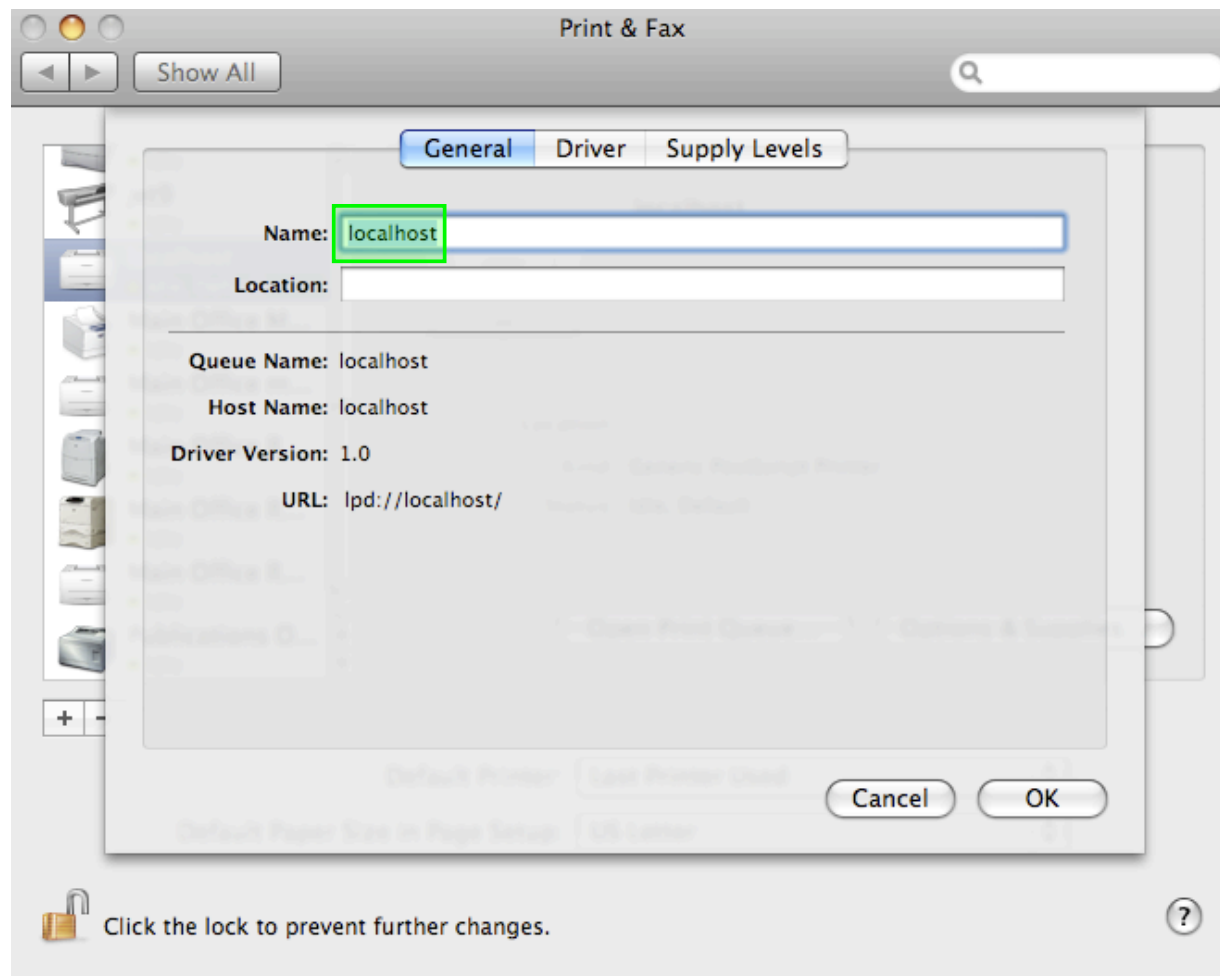
localhost printer installed

Click on Options & Supplies...



Options & Supplies

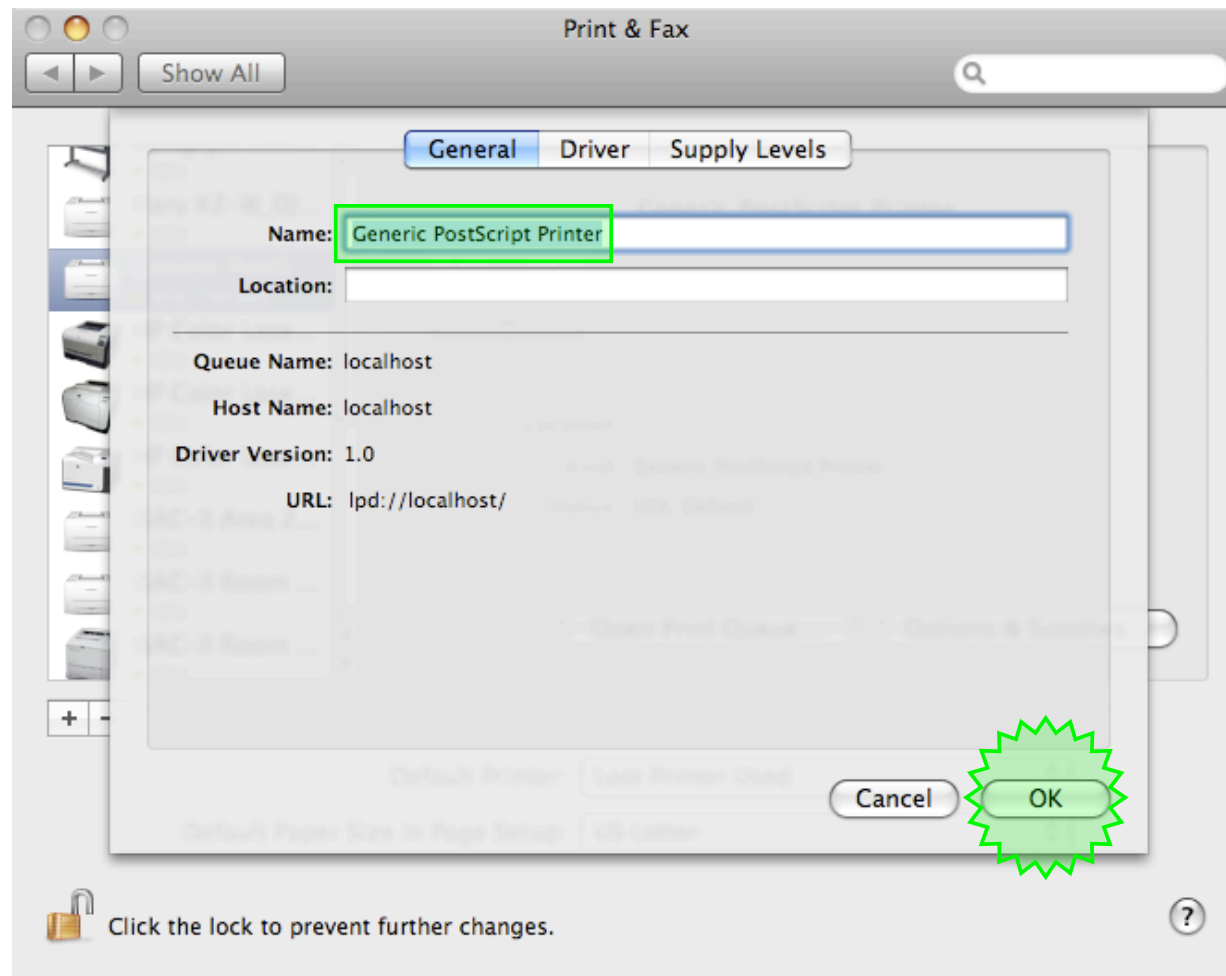
General



Options & Supplies

Rename printer as Generic PostScript Printer

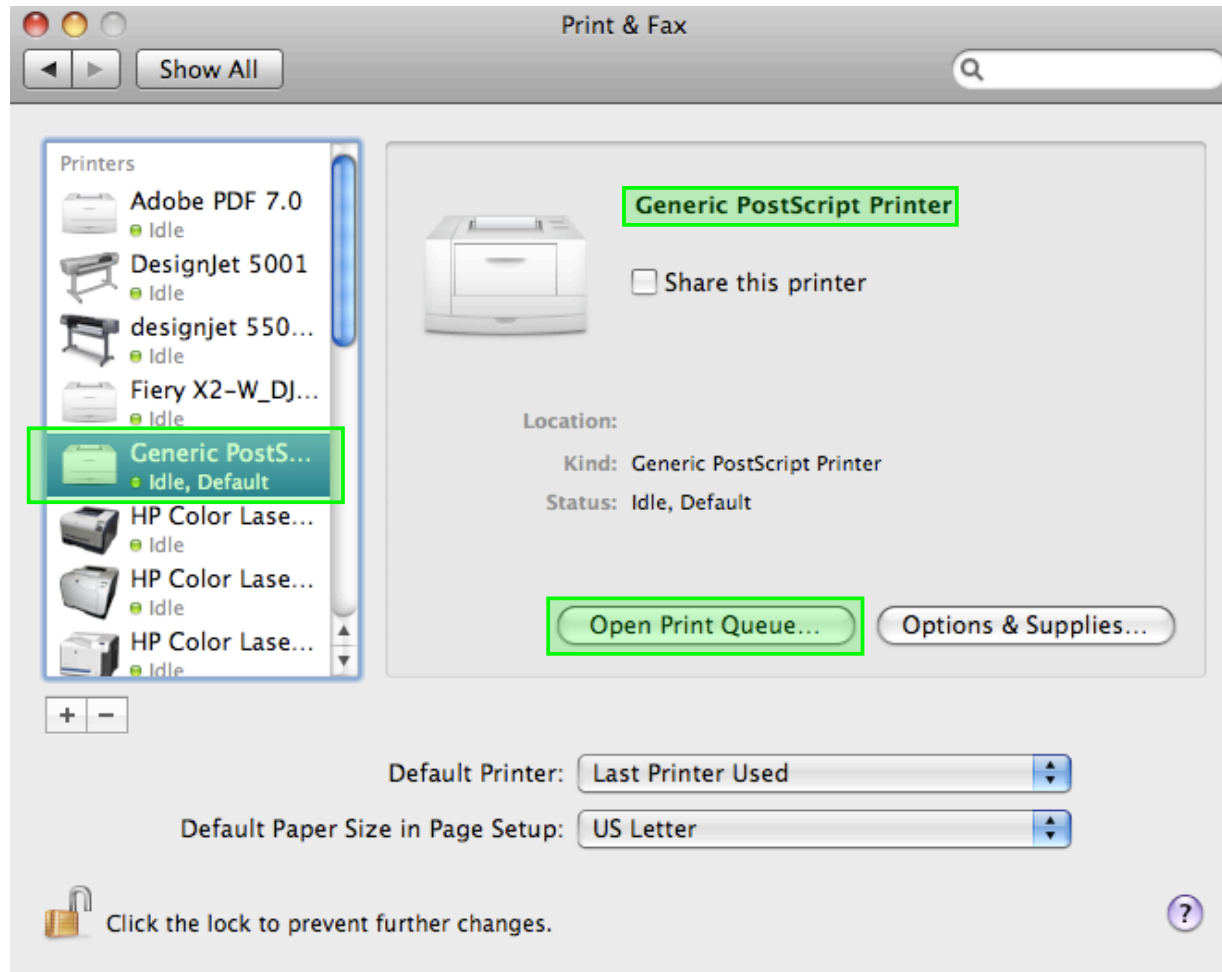
Click on OK



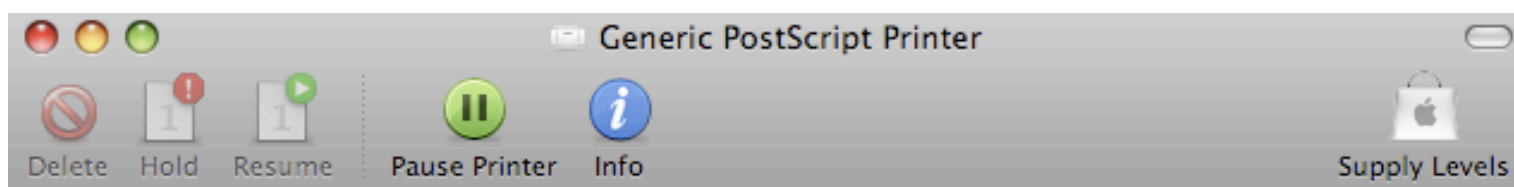
Print & Fax

Generic PostScript Printer **installed**

Click on Open Print Queue...



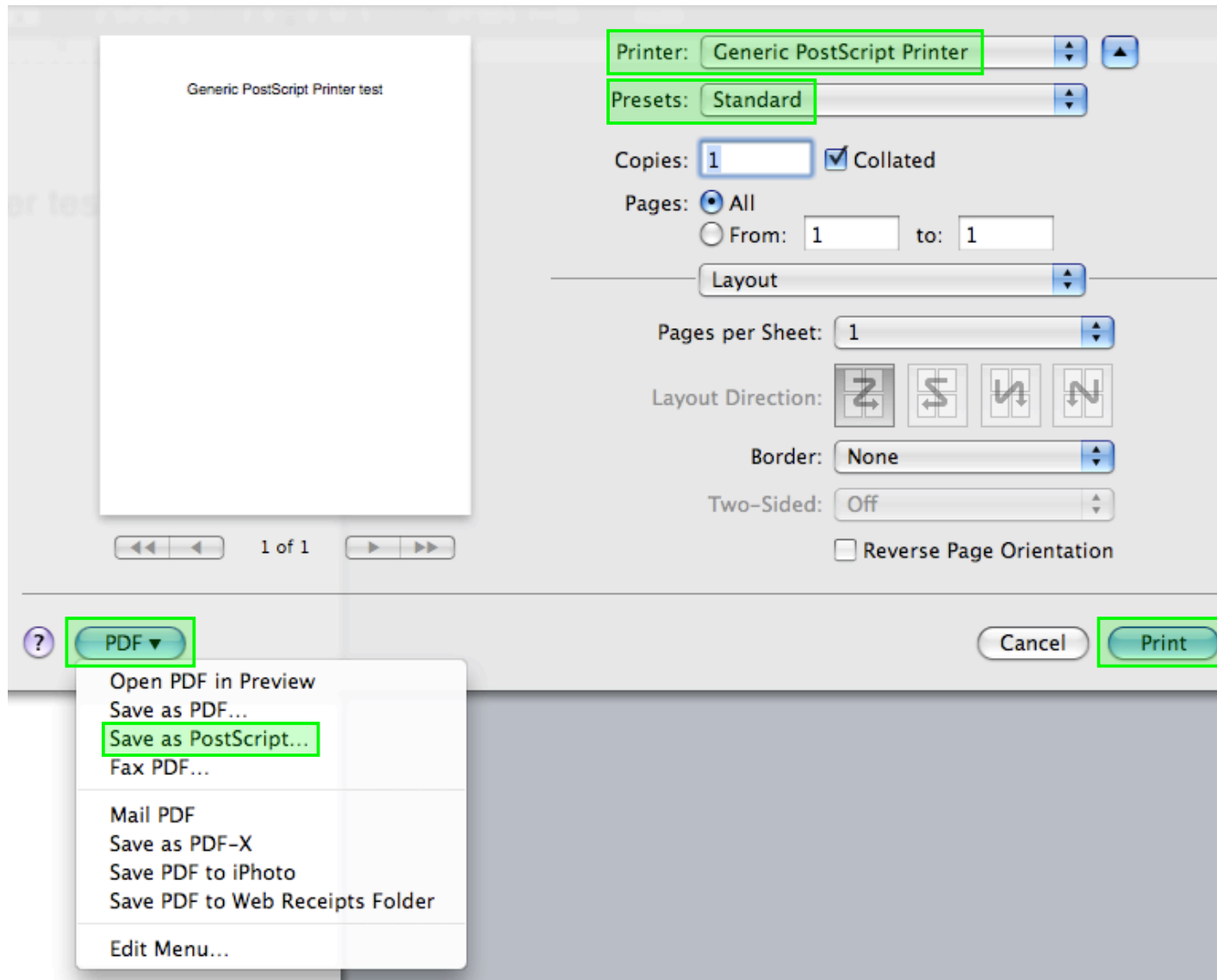
Generic PostScript Printer Queue



Printer Ready

Status	Name	User	When	Completed	

Creating a Generic PostScript File



Comments on the Generic PostScript Files

- ▶ Can now create generic PostScript files from MS Office 2008 (2011) for Mac Word files or other Mac manuscript creation software.
- ▶ Create PDF file using Adobe Distiller.
 - Sometimes observed to fail on first distillation, but succeeds on second pass.
 - PDF files view correctly on screen.
 - Problems seen when printing hard copies on some printers.
 - Some characters appear as boxes.
 - ★ Often relates to Greek characters and math notations typeset in Symbol font.

Potential Source of Printing Problems

- ▶ Incorrect printer driver installed for printer.
- ▶ Printer firmware not updated to latest revision level.
- ▶ Problems often observed with HP printers.
 - HP printers most frequently used in Proceedings Offices.
 - Problems encountered printing from both Mac and Windows.
 - Not observed at IPAC I0 in Kyoto from Windows XP.
 - ★ Reason: PjL print driver used, not PostScript driver.
 - ★ Macs only print to PostScript printers, therefore more sensitive to font issues.

Solution to Printing Problems

- ▶ Ensure that the latest version of the printer firmware is installed by downloading the latest revision from the manufacturer's Web site.
- ▶ Ensure that the latest version of the correct PostScript printer driver is installed.
- Obtain the latest PPD file from the manufacturer's Web site.
 - Beware of Adobe software download pages that appear to be the latest versions.
 - ★ Carefully check the vintage of any downloaded files and ensure that they apply to the latest operating systems.

<http://www.adobe.com/products/printerdrivers/index.html>


“Latest Printer Drivers” correspond to Windows 95/98 and Mac OS 7, 8 & 9

The screenshot shows the Adobe website's 'Printer Drivers' page. At the top is a navigation bar with links: Products, Solutions, Learning, Help, Downloads, Company, Store, and a 'My su...' dropdown. Below this is a breadcrumb trail: Home / Products / Printer drivers / and a large 'Printer Drivers' header. The main content area features a large image of a blue printer on the left. To its right, a text block titled 'Bring the power of PostScript right to your desktop' describes Adobe's PostScript printer drivers. Below this, a 'Platforms' section lists 'Macintosh, Windows'. Further down, a 'LATEST PRINTER DRIVERS' section lists drivers for 'Windows 95/98' (AdobePS 4.2.6) and 'Macintosh' (AdobePS 8.6, AdobePS 8.5). To the right of the main text, a 'NEXT STEPS' sidebar includes a 'Get support' link, a 'PRINTER DRIVERS HOME' section with links to system requirements, languages, and drivers for Macintosh, Windows, and PPD files, and a 'SUPPORT' section with links to user forums and customer support. At the bottom, there's a 'Choose your region' link, a footer with copyright information (© 2010 Adobe Systems Incorporated), and a 'TRUSTe EU SAFE HARBOR' logo.

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Printer Drivers



Bring the power of PostScript right to your desktop

Adobe® PostScript® printer drivers, designed exclusively for use with PostScript products, provide the ultimate printing solution for your color-, text-, graphic-, or image-intensive documents. Whether you are a Windows or Macintosh user, the Adobe printer drivers give you desktop control of all of your PostScript printer's features.

Platforms

Macintosh, Windows

LATEST PRINTER DRIVERS

Windows 95/98


- [AdobePS 4.2.6](#)

Macintosh

- [AdobePS 8.6](#)
- [AdobePS 8.5](#)

ADOBE PRINTER DRIVERS IN ACTION

Featured in print



PostScript vs. PDF

Why do we offer two printing technologies? How do they differ?

Translate your ideas into print... exactly as intended

If you have a printing device equipped with Adobe PostScript, there are no limits on your use of color, text, graphics, and images. No matter what computers you use. Or what printing devices you use. Or where they are located.

NEXT STEPS

[Get support](#)

PRINTER DRIVERS HOME

- [Printer driver system requirements](#)
- [Printer driver languages](#)
- [Printer drivers for Macintosh](#)
- [Printer drivers for Windows](#)
- [Windows PPD files by printer manufacturer](#)
- [Installation instructions](#)


SUPPORT

- [User forums](#)
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<http://www.adobe.com/products/printerdrivers/macintosh.html>

For Mac OS 7, 8 & 9 only, not OS X

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Printer drivers for Macintosh



ADOBEPS 8.6 FOR MACINTOSH

In addition to all the features found in earlier versions of Adobe PostScript drivers for Macintosh, such as an easy-to-use interface and the ability to print in the foreground or background, AdobePS 8.6 features new printing options, including Soft Collate, Soft Reverse Order, Poster, Manual Duplex, and Booklet. Using Apple's PrintingLib and Desktop Printer Utility, AdobePS 8.6 also prints over IP networks using lpr (line-printer protocol).

AdobePS 8.6 includes Adobe's standard Custom Page, Virtual Printer, and Watermark plug-ins. They don't need to be installed separately.

In addition, AdobePS now uses the same PrintingLib as the Apple LaserWriter driver, eliminating compatibility problems between the AdobePS and LaserWriter drivers.

 [Download](#)

ADOBEPS 8.5.1 FOR MACINTOSH

AdobePS 8.5.1 contains all the key features found in earlier versions of Adobe PostScript drivers for Macintosh - such as n-up printing, ColorSync support, EPS and PostScript file generation, and automatic setup and configuration. New features include a redesigned user interface and a big performance boost when using the latest PostScript 3™ products. Adobe PostScript Level 1 and Level 2 users also benefit from increased speed and reliability.

Graphics professionals and creators of long documents will appreciate the option to print documents in foreground mode, eliminating the need for large spool files and greatly minimizing the time required to print long, complex documents or image-intensive pages.

Users of AdobePS 8.5.1 can easily add functionality by installing one or more of its associated plug-ins, such as support for custom (user-defined) media sizes, watermark printing, and PDF file generation. Note that the PDF file generation plug-in requires Acrobat® Distiller®.

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<http://www.adobe.com/products/printerdrivers/windows.html>


For Windows 95 and 98 – **not** XP, Vista or 7

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Printer Drivers for Windows




ADOBEPS 4.2.6 FOR WINDOWS 95 AND WINDOWS 98

AdobePS 4.2.6 features include:


- N-up printing (1, 2, 4, 9, and 16-up)
- Watermark printing

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<http://www.adobe.com/products/printerdrivers/macppd.html>

Use with caution – the links point to 1998 files



The screenshot shows the Adobe website's 'Printer Drivers' section for Macintosh. It features a navigation bar with links to Products, Solutions, Learning, Help, Downloads, Company, and Store. The main heading is 'Adobe Printer Drivers', with sub-links for support, user forums, macintosh printer drivers, and windows printer drivers. The section is titled 'Macintosh PPD Files by Printer Manufacturers'. Below this, a paragraph explains that the links are to Macintosh® PostScript® Printer Description (PPD) files for third-party PostScript printers, listed alphabetically by manufacturer. A table follows, listing manufacturers in three columns. At the bottom, there are links for 'Choose your region', 'Permissions and trademarks', 'EULAs', 'Report piracy', 'Contact Adobe', 'Security', and 'Careers'. The footer contains copyright information for 2010 and a TRUSTe EU SAFE HARBOR logo.

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My support

Products Printer Drivers

Adobe Printer Drivers

support user forums macintosh printer drivers windows printer drivers

Macintosh PPD Files by Printer Manufacturers

Below are links to the Macintosh® PostScript® Printer Description (PPD) files for third-party PostScript printers. They are listed alphabetically, by printer manufacturer.

3	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Z
3M	Adobe										Amiable							AST							
	AGFA										Apple							Autologic							
	Birmy Graphics																								
	Bull Italia																								
	Cactus										Cascade Software							Colossal							
	CalComp										C. Itoh							Compaq							
	Canon										COLORBUS Software							Crosfield Electronics							
	Dainippon										Digital							DuPont							
	Dataproducts										DS														
	ECRM										ElexTech							Epson							
	EFI																								
	Fargo Electronics										Fuji Photo Film							FX							
	FFEI										Fujitsu														
	Heidelberg										Hewlett-Packard							Hitachi							
	IBM										Imation							IPT							
	IDT										Indigo														
	Infowave Software, Inc.																								
	Kodak										Konica														
	Lasergraphics										Laser Press							Linotype-Hell							
	Mannesmann Scangraphic										Minolta							Monotype Systems							
	MGI										Mitsubishi Electric														
	NEC										NIPSON							NSG							
	NeXT																								
	Oce Graphics										Oki							Optronics							
	Panasonic										Pix Computersysteme							PrePRESS Solutions							
	QMS										Qume														
	Radius										Ricoh							RISO							
	Schlumberger										Shinko							Splash							
	Scitex										SofHa GmbH							Sun Microsystems							
	Seiko Instruments										Sony														
	TDS										Tektronix Instruments							Texas Instruments							
	Unisys																								
	Varityper										VerTec Solutions														
	Xante																								

Choose your region

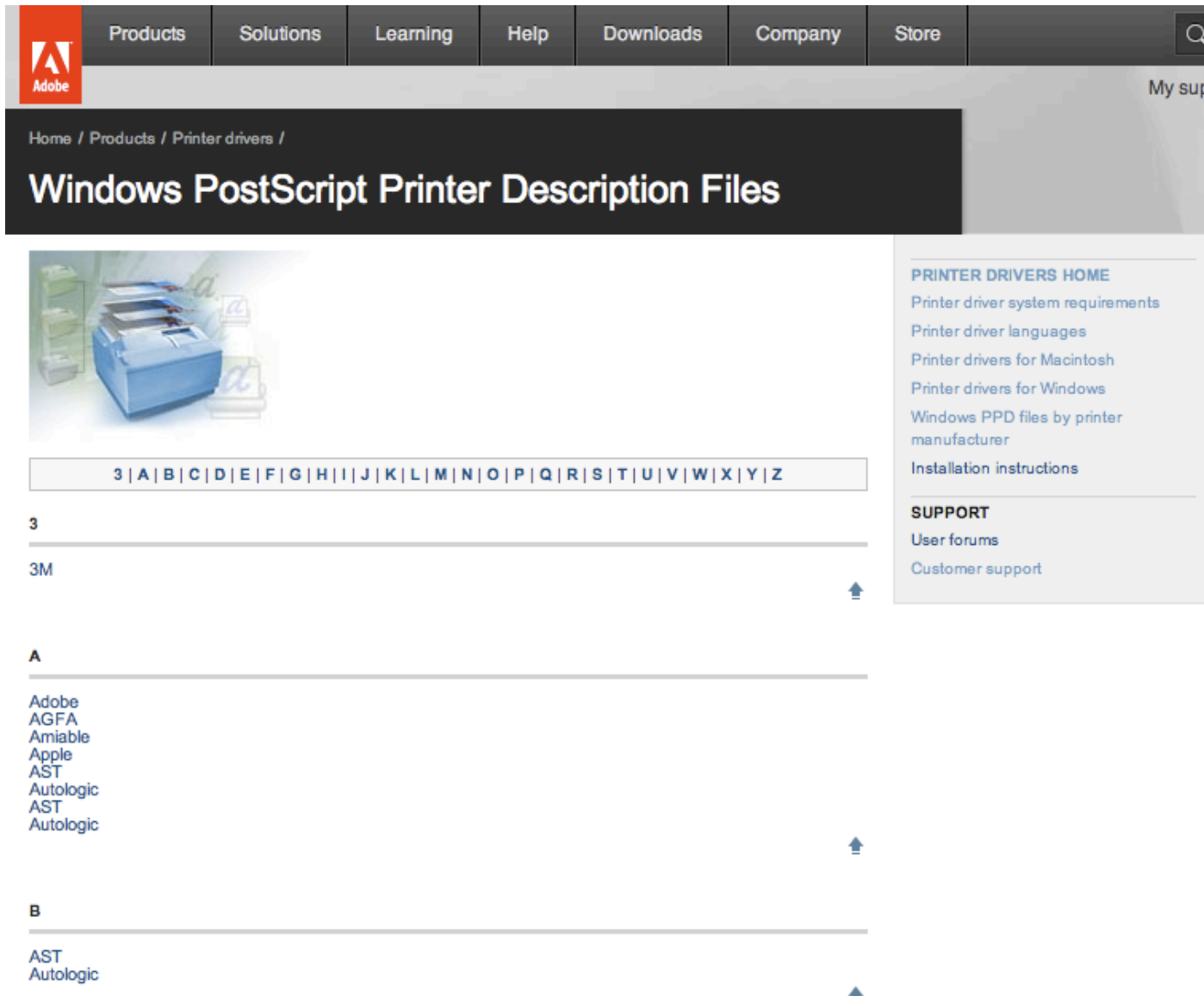
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<http://www.adobe.com/products/printerdrivers/winppd.html>

Use with caution – the links point to 1998 files




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Windows PostScript Printer Description Files



3 | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

3

3M

A

Adobe
AGFA
Amiable
Apple
AST
Autologic
AST
Autologic

B

AST
Autologic

PRINTER DRIVERS HOME
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Conclusions

- ▶ It takes less than a minute to install the correct generic PostScript printer on a Mac.
- ▶ Once installed, robust PostScript files are produced which distill correctly.
- ▶ Subsequent problems observed when printing hard copies (rarely observed on screen) are almost certainly due to:
 - Outdated printer firmware revision level;
 - and/or
 - Incorrect / outdated PPD file installed under either Windows or Mac OS X.
- ▶ A candidate for future, closer study.