

## Background information on creating PDFs for Book Printing from Quark 4

To create PostScript (PS) and PDF (Portable Document Folders) files for Book Printing, where the design and layout has been done in Quark 4, you will need the following software:

- 1) The full version of **Adobe Acrobat version 4.05 or 5**. This software needs to be bought, and is absolutely essential to creating PDFs. Acrobat Distiller (4 or 5) comes as part of Acrobat. (You do not need Acrobat for creating the Postscript (PS) files. So perhaps only one or two people will need this in order to convert the PSs into PDFs. Others can use the free software detailed below to create the PS files and then pass them over for distilling.)
- 1) **Adobe PS 8.6** (or higher) to use as the Printer Driver. If your system does not already have this, it can be downloaded *free* from [www.adobe.com](http://www.adobe.com). (It can also be downloaded in different European languages.)
- 3) **PrinergyForDistiller** or **Creo Distiller Assistant**. These are highly recommended start-up files for Distiller and can be downloaded *free* from [www.creo.com](http://www.creo.com) > downloads > Distiller startup files. If you are using Quark 4 and Acrobat Distiller 4 it is then *essential* that you use of one these startup files as otherwise the page geometry does not come through into your PDF in a way that the Printer's imposition scheme can use and you will be charged extra or have your PDFs rejected. If you are using Acrobat Distiller 5 the page geometry does work without this startup file, but it is still recommended as it improves the quality of your PDFs. This startup file does not relate to which CTP system your printer is using - it works with *any* CTP system. It just corrects problems from Quark4 and Acrobat 4 and improves the quality of your PDF.
- 4) **Creo Color TIFF XT** is essential if you are using colourized TIFF files with spot colours in them. Download *free* from [www.creo.com](http://www.creo.com). It helps Quark to output colourized TIFF images correctly and is essential if you want to use TIFF images in a composite workflow.
- 5) **Enfocus Pitstop** (the PDF editing software) either you, your repro house or your printer will need this. It is extremely useful, but is not free. This enables you to check, edit and pre-flight your PDFs. If you do not have this then your repro house or printer should have it. See [www.enfocus.com](http://www.enfocus.com) for more information and free demo versions.

Before you start converting your Quark files to PS and PDFs, ensure the following software is installed on your Mac.

1. Printer Driver: **Adobe PS 8.6** – download and install this first on your Mac. When you install it, it automatically places itself in the correct location on your Hard Disk / System Folder (OS 9) / Extensions.
2. Printer Description: **Acrobat Distiller** – this PPD is part of the Adobe PS printer driver, so once Adobe PS 8.6 has been installed this will be automatically placed on your hard drive in the following folder: System folder (OS 9) / Extensions / Printer Descriptions. (Check that it is there.)
3. Acrobat Distiller Start up: **Prinergy For Distiller** – download and place this start-up file in: Applications / Adobe Acrobat / Distiller / Start up.
4. Quark extension: download **Creo Color TIFF XT** and copy it into your Quark / Extension folder. Restart Quark and it will just work in the background.

### Quark Print Style

- i. You then need to create your own Quark **Print Style** to match the **Book Printing PS/PDF settings-rc/ts** (which is something I have created, so you will not find in your system).
- i. Open a Quark document, go to > Edit > Print Styles > New. Then go through the four tabs, Document, Setup, Output and Options, editing every detail in them to match exactly the settings shown for *Book Printing PS/PDF settings-rc/ts*. Then name and click < ok > and then < save >.
- i. Back into your Quark document, > File > Print, and when the Print Styles open up, where the Default style is, open your newly created Print Style. As you go through creating your first PS document using this Print Style and following the instructions, you can save the Page Setup settings and the Printer settings in the following way. This makes it much easier and faster each time you subsequently create Postscripts.
- i. In Page Setup go through the three windows ensuring it all matches exactly the instructions, click <alt> (on your keyboard) at the same time that you click <ok> on screen. This saves the settings.

- ii. In Printer, ensure that Virtual Printer comes up as your Printer and ensure you edit those two windows to match the instructions and then click <Save Settings> before you click <Save> . This saves the Printer settings so that when Virtual Printer is selected it will default to these settings.
- iii. In future as you PS files, once you have set this all up, you should only have to follow the process through *all* the windows filling out the following details:
  - Separations - check or uncheck depending on whether you are just creating Text Black separations (check) or the colour composite files (uncheck).
  - Fill in the Paper Width – checking in your document setup what the actual document width is (should be the trim width) plus 30mm.
  - If in separations mode – then untick all plates except the Text Black language one
  - In the last box set the resolution to 2400dpi
  - And finally name your file.

### **Distiller Job Options**

Next create your **Distiller Job Options** for **BookPrint – 9/7/02** (again this is not something you will find on your system, you will need to edit the Default settings). Open Acrobat Distiller, then go into > Settings > Job Options, and then edit the default Job Options following the creating PDF settings for version 4 or 5 as appropriate and then save and name those settings as **BookPrint**.

### **Linking Images**

In Quark, before starting on the creating your PS, it is essential to check that all images are linked to the Quark document (even when you are just creating Text Black files), this is so that the text does not behave unpredictably. Images must not be reported as Missing under Picture Usage.

### **Composite or Separate PDFs**

*Do you know whether to create your PDFs as composite or separate?*

1. If you are only printing your book in one language and not intending in future to print any co-editions at a later point, then supply everything as *composite PDFs*.
2. If you are printing different language co-editions on the same schedule *or intending to at a later point*, then you should supply:
  - a) **neutral composite** PDFs of the common cmyk for all the editions
  - b) **separate text black** PDFs for each different language plate change

If you only supply your first language as part of the composite cmyk file, then when the printer creates the plates for the next languages, they will remove your first language and they may not be able to retain it digitally. You might then be required to re-supply the Text Black of your first language for reprints.

The common/neutral composite cmyk PDF needs to be made with the high resolution images. Your repro house is usually the best place to make these PDFs. Supply your repro house with Imago's Standard step-by-step PDF instructions.

### **Removing Text Black from composite PDFs**

When you create composite CMYK PDFs of the common colour elements, the PDF pulls through all the information that is in your Quark file. So it will also contain the spot colour Text Black language that was in your master file. This is best removed automatically *after* you have created the composite PDFs, not from the Quark files. It can be done very quickly and simply at PDF stage with an action in Enfocus Pitstop (PDF editing software), as long as your text has been set up as a separate spot colour in Quark, called something like text black, the action is set to remove all of that spot colour. All Repro houses and Printers normally have this software.

### **Spot colours and Duotones**

Duotones can be problematic and it is not possible to have standard instructions on whether duotones should be supplied as composite or separate PDFs as it depends on the image file formats used and on the Printer's CTP system. If required see our separate instructions for duotones.

**NB.** It is important to check with your printer, by supplying PDF samples, when working on anything slightly unusual, and always with Duotones. Different printer's systems work quite differently.

*See detailed Step-by-step instructions for creating standard PDFs for actual PS and PDF settings.*

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