

FrameMaker to Acrobat

We use Acrobat when we want to share files that can be viewed and printed exactly the same on Macintosh, Windows, UNIX and OS/2.

Acrobat reads PDF (Portable Document Format) files, which are based on the PostScript printer language. With Acrobat, what you see on the screen is what you print on a PostScript printer (Adobe PS Level 2 or Adobe PS 3).

But you cannot begin with an Acrobat file. You must use some type of word processing file to create layout and contents for an Acrobat file.

I prefer to use FrameMaker files as my source for Acrobat files because FrameMaker allows you to set up files so that you will not need to “fix” an Acrobat file (post-processing). When you set up your FrameMaker files with Acrobat in mind as the end-product, you can change the FrameMaker files as often as you need to, then write out the Acrobat file in a few minutes.

Here are some tips for using FrameMaker to create PDF files.

1 General Tips

1.1 For all platforms

- Pick the best page layout design for how the Acrobat file will be used. Decide whether to use landscape or portrait orientation, continuous page numbers, margins for binding, color, etc.
- Set the printer to **Acrobat Distiller**. This is the print driver most often used to generate the Acrobat file. It will display your FrameMaker document the way it will look when you create the Acrobat file.
- When possible, use **Adobe fonts** resident on your computer and installed with the **Adobe Type Manager**. Some TrueType fonts cannot be incorporated into PDF because of licensing issues.
- If you will use color pictures, begin with high resolution files, such as 300 dpi TIFFs. Screen captures saved as 300 dpi TIFFs import well at 133 dpi and 289 dpi.
- Have plenty of free hard disk space on your computer.

1.2 For Windows platforms

- In the **Print Setup** dialog box, set the **PostScript** properties for the Acrobat Distiller print driver to **PostScript (optimize for portability)**.



2 Hypertext links

2.1 “Free” links

FrameMaker gives you “free” automatic hypertext links for navigating in the Acrobat file. All cross-references (XREFs) used in the FrameMaker file become links in the Acrobat file. Add color, Bold, or Italic to the XREF definition to make it obvious the XREF is a link.

All page numbers in generated lists, such as the TOC, lists of figures and tables, and indexes can be links if you set up the file to include hypertext links. (Use **Set Up File** in the Book file).

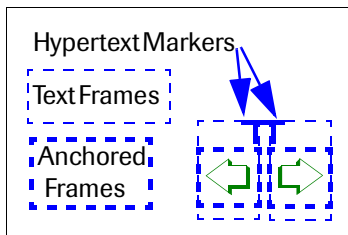
Help your reader navigate in the Acrobat file by placing XREFs in tables in the document. For example, in a glossary or an index, add another flow to the Master Page, then make a table with XREFs to the letters of the alphabet in that flow.

Make a table with XREFs to the book’s Chapters on the title page.

Make a table with XREFs to the level-one headings on the first page of a chapter.

2.2 Special links

Add your own hypertext links to a FrameMaker document. For example, on the Master Page, create “next page” and “previous page” links on arrows at the top or the bottom of the page so the user can click to view the next or the previous page.



Here are two text frames that each contain an arrow graphic inside an anchored frame.

The left text frame has a **Hypertext Marker** defined as **previouspage**.

The right text frame has a **Hypertext Marker** defined as **nextpage**.

When the Acrobat user clicks the left arrow, the previous page displays. When the right arrow is clicked, the next page is displayed.

Other hypertext links you could use for Acrobat include are described in the *FrameMaker User Guide*.

You can test hypertext links in FrameMaker. Point at the link, hold down **Ctrl** and **Alt**, then click.

Chapters§

Chapter 1 Product Information§	p. 14§
Chapter 2 Drive Specifications§	p. 18§
Chapter 3 Interfaces§	p. 33§
Chapter 4 Installation and Configuration§	p. 35§
Chapter 5 Drive Operation§	p. 40§
Chapter 6 Tips and Techniques§	p. 43§
Chapter 7 Software§	p. 48§
Chapter 8 CD Technology§	p. 129§
Chapter 9 Media§	p. 169§
Chapter 10 Maintenance§	p. 182§
Chapter 11 Troubleshooting§	p. 183§
Chapter 12 Warranty and Support§	p. 189§
Chapter 13 Release Notes§	p. 191§
Chapter 14 Discontinued Products§	p. 212§
Chapter 15 Glossary§	p. 213§

3 Converting to Acrobat

One file at a time or an entire book can be converted to PDF. There are two ways to convert FrameMaker files to Acrobat PDFs: **Save As PDF** and **Print Only to File**.

Both methods require that the full Acrobat 4.x application is installed on your computer:



3.1 Save As PDF

The most automatic way to create the PDF file is to use the **File / Save As** command.

- 1 With focus in either the Book file or a single FrameMaker file, select **File / Save As**, choose **PDF** as the file type, define a filename with **.pdf** as the extension, then click **Save**. The **Acrobat Setup** dialog box appears.
- 2 In the **Acrobat Setup** dialog box, select the ¶ tags to include as Acrobat bookmarks, set how you want to handle articles (text flows) for navigation, then click **Set**.
 - ◆ At this point, FrameMaker creates a temporary PostScript file (.tps), automatically invokes the Acrobat Distiller application in the background to turn the .tps file into a PDF, then automatically deletes the .tps file.




3.2 Print Only to File

The method that gives you the most control over the conversion to PDF involves printing the FrameMaker file(s) to a PostScript file.

- 1 With focus in either the Book file or a single FrameMaker file, select **File / Print**.
- 2 In the **Print Book** (or **Print Document**) dialog box, set up the page range (usually all), check **Print Only to File**, define the name and path for the .ps file, then click .
 - ◆ If you need registration marks, see [3.2.1 Adding registration marks](#).
 - ◆ If you need color separations in the PDF file, see [3.2.2 Creating color separations](#).
- 3 In the **Acrobat Setup** dialog box, select the ¶ tags to include as Acrobat bookmarks, set how you want to handle articles (text flows) for navigation, then click **Set**.
- 4 Click .
 - ◆ At this point, FrameMaker creates a permanent PostScript file (.ps).
- 5 Open the Acrobat Distiller 4.x application.
- 6 From the **Job Options** list box, select the appropriate set of Job Options (see [3.2.3 Choosing Job Options](#)).
- 7 Select **File / Open**.
- 8 In the **Acrobat Distiller - Open PostScript File** dialog box, select the .ps file you just created and click **Open**.
- 9 In the **Acrobat Distiller - Specify PDF File Name** dialog box, define the name and path for the PDF file and click **Save**.
 - ◆ At this point, Acrobat Distiller turns the .ps file into a PDF.
- 10 Delete the .ps file from your directory.



3.2.1 Adding registration marks

If the PDF file will be used by a print vendor to print a book AND the page layout includes bleeds to the edges of the page, the print vendor will need registration marks in the PDF file.

- 1 Follow *Step 1* and *Step 2* in section *3.2 Print Only to File*.
- 2 In the **Print Book** (or **Print Document**) dialog box, select **Western** from the **Registration Marks** list box.
- 3 Uncheck the **Generate Acrobat Data** check box.
- 4 Click .
- 5 In the **Print Setup** dialog box, click .
- 6 In the **Acrobat Distiller Properties** dialog box, select one of the custom paper sizes and click .
- 7 In the **Custom-Defined Size** dialog box, set the paper size according to the print vendor's specification, then click **OK** in three dialog boxes.
- 8 Follow Steps 4 through 9 in section *3.2 Print Only to File*.

3.2.2 Creating color separations

If the book will be printed on a color press, the print vendor needs color separations.

- 1 Follow *Step 1* and *Step 2* in section *3.2 Print Only to File*.
- 2 Click .
- 3 Move all the colors for which you need a separation into the **Print As Spot** list.
- 4 Move all the colors for which you don't need a separation into the **Don't Print** list (includes White).
- 5 Click .
- 6 Follow Steps 4 through 9 in section *3.2 Print Only to File*.

3.2.3 Choosing Job Options

Choose Acrobat Distiller Job Options based on the quality of PDF file you need.

	Screen Optimized	Print Optimized	Press Optimized
Images downsized to:			
Color	72 dpi	300 dpi	300 dpi
Grayscale	72 dpi	300 dpi	300 dpi
Monochrome	300 dpi	1200 dpi	1200 dpi
Fonts embedded:	Most are not	Most are	Most are
Acrobat Reader 3.0 compatible:	Yes	No	No

