Adobe PageMaker 7.0 Filters

This document contains basic information on the following import options:

Text file formats

• Microsoft Word 97/98/2000/20001 for Windows

• Microsoft Word 6/7 and RTF

• Microsoft Excel / Lotus 1-2-3 Spreadsheet

• Corel WordPerfect 6.0-8.0

Graphic file formats

• Graphic file formats with special import options

• Adobe Illustrator Import Filter

• Adobe Photoshop Import Filter

• Placed PDF Import Filter

• Encapsulated PostScript Import Filter

• Portable Network Graphics (PNG) Filter

• QuickTime Image Import Filter

Importing Microsoft Word files

The Microsoft® Word import filter lets you import Word 97 (Word 7.0), Word 98 (Word 8.0), Word 2000, and Word 2001 documents into Adobe® PageMaker®. If you hold down Shift while you double-click the file in the Place dialog box, you can specify import options. These options vary, depending on which version of Word the document was saved in.

For more information on importing word-processed documents, see the *Adobe PageMaker 7.0 User Guide*.

To place a Word 97/98/2000/2001 file:

1 In PageMaker's layout view or story editor, choose File > Place. PageMaker lists Word files with a .doc extension. In Windows, to see a valid file without the extension, choose All Files for Files of Type.

2 Do one of the following:

3 To open the file using the default import options, double-click the Word file.

4 To display the filter preferences dialog box select Show Filter Preferences, or hold down Shift while you double-click the file.

5 If the filter preferences dialog box appears, select options for importing Word features as desired. For details on setting preferences in the dialog box, see the sections below.

6 Position the loaded text icon where you want the top of the first text block to be, and then click to begin flowing the text.

Setting filter preferences for Word 97/98/2000/2001

The Microsoft Word Import Options dialog box displays options for importing Word 97/98/2000/2001 documents. The options you select in the dialog box remain in effect until you change them or exit PageMaker. The dialog box includes the following options:

Include Imports the following selected items as part of the text in the story: Table of Contents Text, Index Text, Hyperlink Formatting, Table Contents, and Footnotes/Endnotes. For example, if you select Table of Contents, the text in the table is imported as tab-delimited text; if you select Footnotes/Endnotes, footnotes and endnotes are imported at the end of the story.

Condensed/Expanded Spacing To Interprets condensed or expanded spacing as range tracking when you select Tracking, or as the set width of characters when you select Kerning.

Page Break Before Paragraph As Determines how page breaks from the word-processing file are formatted in PageMaker. You can select Page Break Before, Column Break Before, or No Break.

Setting filter preferences for Word 6–7

The options available for placing Word 6.0 and Word 7.0 (Word 95) text differ from those available for later versions. When you select an older Word file and you select Show Filter Preferences, you can choose from these settings:

Import TOC Entries from Outline Select to construct a table of contents based on the outline in the imported Word file. This option is selected by default.

Import Index Entry Fields Select to construct an index from index entries in the imported Word document. This option is selected by default.

Horizontal Scale Select to apply the Horizontal Scale attribute to any appropriate text in the imported Word document that has the character-spacing attribute set to a non-default value.

Kerning Select to apply the Kerning attribute to any appropriate text in the imported Word document that has the character-spacing attribute set to a non-default value. This option is selected by default.

Tracking Select to apply the Tracking attribute to any appropriate text in the imported Word document that has the character-spacing attribute set to a non-default value..

Import Page Break Before Paragraph Do not select this option or PageMaker will be unable to place paragraphs that have the Page Break Before attribute set in the Word document. Because of this, you may be unable to resize a text block in PageMaker by dragging its bottom windowshade handle (that is, the windowshade snaps back to its original position). When this option is unselected, the As Page Break Before and As Column Break Before options are unavailable.

Import Tables Select to import tables as tab-delimited text (that is, each row in the table becomes a separate paragraph consisting of the cell data separated by tabs).

Word features

The following Word 97/98/2000/2001 and Word 95 features either do not import or are changed in some way in the importing process.

Word features that do not import

• Annotations

• Bookmarks

• Bullets and numbering created using the Word 97/98/2000/2001 Format > Bullets and Numbering command or Bullets and Numbering buttons.

• Character styles: emboss, engrave, and double strikethrough. Character styles do not import as styles, but any attributes in a character style in Word 97/98/2000/2001 text are applied to the imported text in PageMaker.

• Color in revision bars

• Comments

• Endnotes

• Form fields

• Graphics created with the Word drawing commands

• Headers and footers. The contents of headers and footers do not import. However, headers and footers created using Word 97 and later AutoText entries (Insert > AutoText > Header/Footer) and inserted into the body of the document import.

• Hidden text

• Hyperlinks (import as colored text without links)

• Hyphenation attributes at the paragraph level

• Kerning for characters above a particular size (Kearning for Fonts feature)

• Macros

• Multilingual documents. Multiple languages within a single document import if multiple languages and keyboard layouts are installed. (In Windows, click Start on the taskbar, choose Settings > Control Panel. Double-click Keyboard and click the Language tab. In MacOS, choose Control Panels > Keyboard.)

• Objects from Equation Editor 1.0 or 2.0

• OLE 2 objects

• Page breaks

• Paragraph borders. Borders are only minimally supported by the filter. If a paragraph is boxed or has any portion of a box applied, PageMaker applies a top and bottom rule. Rules are always hairline, 100% black, with the same line length as the text, with no indents.

• Page borders. Because text imports as a story, which can be placed on any page, page borders set up in Word 97 and later do not import.

• Password-protected Word documents (remove password in Word and documents will import)

• Shading, foreground colors, and background colors

• Scrolling text

• Sound

• Subdocuments of a master document

• Styles containing the Word 97 and later Format > Bullets and Numbering command or Bullets and Numbering buttons

• Table-cell height

• Table grid lines and borders

• Templates for files

• Text shading

• Text wrap in tables

• Version information

• Vertical text within a text box or table cell (US English version of PageMaker)

• Video

• Widow and orphan protection

• WordArt graphics

• Word spacing and letter spacing attributes at the paragraph level

Word borders that change when imported

• DASH_LARGE_GAP (imports as dashed line)

• DOT_DASH (imports as dashed line)

• DOT_DOT_DASH (imports as dotted line)

• Triple (imports as thin line, thick line, thin line)

• THIN_THICK_SMALL_GAP (imports as thin line, thick line)

• THICK_THIN_SMALL_GAP (imports as thick line, thin line)

• THIN_THICK_THIN_SMALL_GAP (imports as thin line, thick line, thin line)

• THIN_THICK_MEDIUM_GAP (imports as thin line, thick line)

• THICK_THIN_MEDIUM_GAP (imports as thick line, thin line)

• THIN_THICK_THIN_MEDIUM_GAP (imports as thin line, thick line, thin line)

• THIN_THICK_LARGE_GAP (imports as thin line, thick line)

• THICK _THIN_LARGE_GAP (imports as thick line, thin line)

• THIN_THICK_THIN_LARGE_GAP (imports as thin line, thick line, thin line)

• WAVE (imports as single line)

• DOUBLE_WAVE (imports as double line)

• DASH_SMALL_GAP (imports as dashed line)

• DASH_DOT_STROKED (imports as thick dashed line)

• EMBOSS_3D (imports as thick line)

• ENGRACE_3D (imports as thick line)

Notes on Word paragraphs and styles

In addition to features that do not import, note the following differences in paragraph formatting and styles after importing a Word file:

Paragraph attributes are applied to all imported table cells for a particular table. Because PageMaker does not treat individual table cells as paragraphs, paragraph attributes are not applied to individual imported cells.

Tables import as tab-delimited text. The paragraph formatting from the first cell in each row is applied to each paragraph in the imported table text.

Text that wraps in a table cell does not wrap when imported into PageMaker, where it appears on one line in the imported table cell.

Styles with duplicate names in PageMaker do not import. Text having such a style will be formatted according to the style definition in PageMaker.

Numbers created with the Format > Bullets and Numbering command, whether written as numerals or spelled out, import as arabic numerals. (For example, 1st, One, or First import as the number 1.)

Footnote-numbering that restarts at each section or page, or that starts with a number other than 1, imports as continuous numbering beginning with the number 1.

Table of contents entries created with the Insert > Field command do not import. However, table of contents entries created by applying a Table of Contents style do import.

Cross references containing page numbers import, but the page numbers in the cross references will be incorrect if repagination in PageMaker causes the cross-referenced text to appear on a different page in the PageMaker publication from that of the Word document.

Text inside frames is imported as paragraphs with borders above and below, but the frame positions are not preserved.

Microsoft Excel / Lotus 1-2-3 Spreadsheet Import Filter 4.0

The spreadsheet import filter lets you import spreadsheet files from Microsoft Excel for Windows and Mac OS, and Lotus 1-2-3 for Windows into PageMaker 7.0 (Windows) publications. The filter can import spreadsheets from the following sources:

• Excel 4.0 (Windows)

• Excel 4.0 (MacOS)

• Excel 5.0 (Windows)

• Excel 5.0 (MacOS)

• Excel 95 (Windows)

• Excel 97/98 (Windows)

• Excel 2000 (Windows)

• Lotus 1-2-3 3.0 (Windows)

• Lotus 1-2-3 4.0 (Windows)

• Lotus 1-2-3 5.0 (Windows)

Importing a spreadsheet

This section covers the basic steps for importing a spreadsheet into PageMaker. For more information, see the *Adobe PageMaker 7.0 User Guide.*

To import an Excel or 1-2-3 file:

1 Before importing an Excel file, apply the AutoFit command in Excel (select all cells, choose Format > Row > AutoFit, and then choose Format > Column > AutoFit Selection). AutoFit removes unnecessary space by shrinking the spreadsheet to fit the widest entry in each column and the deepest entry in each row.

2 In PageMaker's layout view or story editor, choose File > Place. PageMaker lists Excel files with the .xls extension, and Lotus 1-2-3 files with .wk3 and .wk4 extensions. To see a valid file without one of these extensions, choose All Files for Files of Type.

3 Double-click the file you want to place. If prompted to select a file type, choose Excel/Lotus from the list, and then click OK.

4 When the filter preferences dialog box appears, select options for importing as desired. For details on setting preferences in the dialog box, see the section below.

5 In layout view, position the loaded text icon where you want the contents of the first cell to appear, and then click to begin flowing the spreadsheet data. In story editor, the spreadsheet data flows automatically into a new untitled story.

Setting filter preferences

The filter preferences dialog box displays options appropriate for the file's format. The filter type appears in its title bar (for example, Excel 97 Import Filter).

Personal View (Excel 97 and later only) Select the name of one of the personal views available for the shared workbook. The default is the first personal view defined in the workbook.

Sheet Choose a specific worksheet in the selected spreadsheet file from the menu. Excel 4.0 spreadsheets contain only one worksheet, so only that worksheet name will appear in the text box. The default is the first visible worksheet in the workbook.

Cell Range Select a predefined cell range from the menu, or specify a range by typing the first and last cells separated by a colon (for example, A1:Z12). Acceptable ranges depend on the spreadsheet. For Excel 97/98, the acceptable range is from A1 to IV65536. For Excel 95, the acceptable range is from A1 to IV16384. For all other supported spreadsheets, the acceptable range is A1 to IV8192. If no range is specified, the entire selected worksheet is imported by default.

Cell Alignment Override Choose Spreadsheet's to use the same cell alignments as the selected Excel or 1-2-3 spreadsheet (this is the default). If you choose Decimal, you can also specify the number of decimal places (the default is 3). The Cell Alignment Override option is unavailable if you select Apply Default Spreadsheet Style.

Places Specify the number of decimal places that will be imported for all numeric values in the spreadsheet. Accept the default value of 3, or type a new value (positive whole numbers from 0 to 20).

Apply Default Spreadsheet Style Select to apply the selected worksheet's default style to the imported file.

Truncate at Cell Boundary Select to truncate data at each cell's boundary. Note that in Excel 97/98, cells can contain approximately 32,000 characters (up from 255). However, using extremely long character strings may slow the filter down.

Excel features that do not import

The following Excel features either do not import or are changed in some way in the importing process.

• Borders

• Center across selection

• Charts

• Conditional formats

• Data tables

• Data validation

• Dialogs

• Double underlines (import as single underlines)

• Excel drawings

• Freeze panes

• Height (imports as leading)

• Hidden text

• Horizontal fills

• Hyperlinks and Web links (import as colored text without links)

• Improved text

• Internet graphics formats: new GIF and JPEG (no inline graphics import)

• Justified text

• Locked

• Macros

• Modules

• Named styles

• Notes

• Objects

• Outlines

• Page breaks

• Patterns

• Pictures

• Protected workbooks

• Protections

• Report templates (no templates import)

• Rotated text

• Split screens

• Text wrap

• Time-scale axes

• Unlocked cells

• Vertical alignments

• Vertical text

Additional Excel notes

Be aware of the following import issues:

• In general, most visible data in cells import, but the operation (such as a formula) that produces the visible data does not import.

• Data in hidden rows and columns import unless you hide the row or column by dragging its boundary into an adjacent boundary.

• Vertically aligned text does not import, but the row height of the cells containing the vertical text imports as a leading value.

• Merged cells import; what is visible in the cell imports.

• Page field layouts in PivotTables import; what is visible in the cell imports.

• In Excel 97/98/2000/2001, you can display a list of formulas in the PivotTable; what is visible in the cell imports.

• In Excel 97/98/2000/2001, you can define references to PivotTable data (GETPIVOTDATA); what is visible in the cell imports.

• PivotTable formatting imports as long as the formatting contains attributes that normally import from Excel files (for example, font styling imports, but borders and patterns do not).

• When importing wide spreadsheets, remember that text blocks in PageMaker can be no wider than 21 inches.

• When converting decimals into fractions, the filter might provide a slightly different fraction than Excel.

• Due to rounding-off errors, some row heights may import with values slightly different than those specified in Excel. At most, row heights may be off by 0.1 (for example, 35 instead of 35.1).

• Although you cannot import charts, you can use the Paste command to transfer the chart from Excel to PageMaker. If you paste a chart, it becomes a graphic object, which you can manipulate in PageMaker (by cropping, transforming, and applying color) as you would any graphic; however, you cannot edit the text.

1-2-3 features that do not import

The following Lotus1-2-3 features do not import:

- Background color
- Borders/Lines/Patterns
- Charts
- Custom text
- Designer frames
- Draw objects
- Evenly spaced text
- Named styles
- Objects
- Protections
- Range versions
- Style templates
- Vertical alignment
- Vertical text
- Word wrap across column

Corel® WordPerfect® 6 - 8 Import Filter 2.1

The Corel WordPerfect import filter lets you import WordPerfect 6.0 - 8.0 (Windows) documents into Adobe PageMaker 7.0 (Windows) publications. Note that you cannot use this filter with PageMaker versions earlier than 6.5.

This filter update includes WordPerfect 7.0 and 8.0 enhancements not available for the WordPerfect 6.0 import filter shipped with PageMaker 6.5.

Using the WordPerfect 6.0 - 8.0 import filter

This section covers the basic steps for importing a WordPerfect document into PageMaker. For more information on importing word-processed documents, see the *Adobe PageMaker 7.0 User Guide*, or see the topic of the same name in online Help.

To place a WordPerfect file:

1 In PageMaker's layout view or story editor, choose File > Place. PageMaker lists WordPerfect files with .wp6, .wp7, .wp8, .wpd or .wp extensions. To see a valid file without one of these extensions, choose All Files for Files of Type.

2 Double-click the file you want to place. If prompted to select a file type, choose WordPerfect 6.0/6.1/7.0/8.0 or WordPerfect Graphics 1.0/2.0 from the list, and then click OK.

3 Position the loaded text icon where you want the top of the first text block to be, and then click to begin flowing the text.

WordPerfect 6.0 and 6.1 features

The following WordPerfect 6.0 and 6.1 features either do not import or are changed in some way in the importing process. Most document elements, like text characters, import without requiring changes, so you can work in the publication without having to type or import the text again. Other elements convert to similar items that require adjustments to prepare the publication for final output. (For example, PageMaker and WordPerfect use styles differently, so the formatting created by styles imports but the styles themselves do not import.)

WordPerfect features that do not import

- Automatic kerning (on or off)
- Automatic page numbering
- Bar codes
- Charts
- Comments
- Cross-reference codes (index codes are imported)
- Diamond, square, and triangle WordPerfect bullets
- Draw objects
- Dot leaders for indexes, lists, tables of authorities, tables of contents

- Drop caps
- Equations
- Figures
- Fills
- Font sizes above 650 pts
- Headers and footers
- Hyphenation (on or off)
- Kerning
- Named character styles
- Overstrike text
- Page and column breaks
- Password-protected WordPerfect files (remove password in WordPerfect and files will import)
- Right hyphenation zones
- Shading
- Sound
- Text art
- Text created with WordPerfect Fonts/Character sets (Arabic, Cyrillic, Greek, Hebrew, Japanese, Multinational, Phonetic)
- Watermarks

- Hyphenation zone (imports left zone only)
- Index codes (see "Notes on tables and indexes")
- Inline graphics (see "Notes on graphics")
- Insert date (imports as text)
- Insert filename (imports as text)
- Insert path and filename (import as text)
- Insert counter (imports as text)
- Language formatting for English-Australia (see "Notes on languages")
- Letter spacing (see "Notes on formatting")
- Lists (import as text)
- Parallel columns (import as sequential paragraphs)
- QuickFormat (imports as text)
- Styles (see "Notes on styles")
- Tables (see "Notes on tables and indexes")
- Tabs (see "Notes on tabs")
- Table of authorities (import as text)
- Table of contents codes (see "Notes on formatting")
- Text box (imports text only)

WordPerfect features that change when imported

- Bookmarks (import as text)
- Borders (see "Notes on formatting")
- Extended columns (import as sequential paragraphs)
- Font formats (see "Notes on fonts")
- Footnotes and endnotes (see "Notes on formatting")
- Graphics (see "Notes on graphics")
- Hanging indents (import if created with WordPerfect's hanging indent option)
- Hyperlinks (import as colored text, without hyperlinks)

Notes on WordPerfect graphics

Graphics saved in the WordPerfect Graphics format (.wpg) import as inline graphics. If the WPG graphics are anchored at the page or paragraph level, they import at the beginning of the paragraph. If the graphics are anchored at the character level, they import at the correct character position.

Notes on WordPerfect tabs

Be aware of the following import issues:

- The filter imports only a single leader tab character per paragraph. If multiple leader tabs are used in the same paragraph, the leader character of the last leader tab in the paragraph replaces all other leader tab characters in the paragraph.

• The filter will not properly import tab values greater than 22.75 inches, nor will indent values greater than 22.75 inches have the intended value. Any tab settings beyond the 40th tab on the ruler will be ignored.

Notes on WordPerfect fonts

Font names in WordPerfect, which include the font family name plus type styles such as italic and bold, import as regular fonts in PageMaker. The type style is applied to the regular font. Because PageMaker does not recognize Regular as a type style, when the WordPerfect font type style is Regular, the PageMaker PANOSE font substitution dialog box appears and requests a font substitution. You can eliminate the need for this substitution using the following procedure to adjust font substitution for WordPerfect regular fonts:

1 Choose File > Preferences > General.

2 In the Preferences dialog box, click Map Fonts.

3 In the Font Matching dialog box, click Exceptions.

4 In the PANOSE Font Matching Exceptions dialog box, click Add.

5 In the Add Matching Exceptions dialog box, type <fontname> Regular for Missing Font, where <fontname> is the name of the font (for example, Arial Regular).

6 Select or type the Substituted Font without the word Regular (for example, Arial).

Notes on WordPerfect styles

Be aware of the following import issues:

• Nesting of character styles within paragraph styles can cause some paragraph style codes to be ignored if the nested character styles contain text, tabs, or indents.

• Only the paired styles at the beginnings of paragraphs are imported and added to the PageMaker Styles palette. The properties given to characters by open styles or paired styles inside paragraphs are imported, but the styles themselves are not.

• Formatting created by character styles within paragraphs is imported, but character styles themselves are not imported.

Notes on WordPerfect formatting

Be aware of the following import issues:

• Borders are only minimally supported by the filter. If a paragraph is boxed or has any portion of a box applied, PageMaker applies a top and bottom rule. Rules are always hairline, 100% black, with the same line length as the text, with no indents.

• A story's right edge is based on the right margin of the first paragraph of the imported document. A story's left edge adheres to the 1-inch left margin, the standard WordPerfect default setting.

• Some WordPerfect graphics characters that are similar to, but not identical with, ANSI characters are replaced with those ANSI characters when imported into PageMaker. WordPerfect characters that are not similar to any ANSI characters are imported as spaces.

• Double underlines import as single underlines. Outlined, shadowed, and red text import as normal text.

• Both footnotes and endnotes import at the end of imported text. Footnotes and endnotes are not differentiated. They both appear in the same list, in the order the reference codes appear in the text. Both import with number reference labels, even if letter references were specified in WordPerfect.

• Table of Contents codes import only if they appear at the start of a paragraph. WordPerfect supports five Table of Contents levels. PageMaker imports all five WordPerfect levels as PageMaker level one.

• Parallel columns import as linear text, in separate paragraphs.

• Letter spacing in WordPerfect set to any percentage other than 100% may not import at the correct percentage.

Notes on WordPerfect colors

Color names are not saved within the WordPerfect file, and therefore cannot be imported. Unique substitute names will be provided by the filter, and will take the form:

R<red value> G<green value> B<blue value>

An example would be: R241 G45 B10, which is RGB color 241,45,10. You can change an RGB name to a descriptive name (such as olive green) by using the Utilities > Define Colors command.

Notes on WordPerfect tables and indexes

Be aware of the following import issues:

• Tables with cells that are joined or split will be imported with cells not properly aligned. Cell-level alignment and other cell-level formatting will not be imported.

• Text that wraps in a WordPerfect table cell does not wrap when imported into PageMaker, where it appears on one line in the imported table cell.

• Text marked manually for indexing in WordPerfect imports into PageMaker with index markers. However, text indexed with a concordance file is not imported into PageMaker with index markers.

Notes on WordPerfect languages

Be aware of the following import issues:

Only one language per paragraph is imported.

Croatian imports as None instead of srpski-hrvatski.

English-Australia imports as Australian English instead of UK English.

Notes on WordPerfect pages

Imported text comes into PageMaker as a story, which can be placed on any page. Therefore, there is no concept of page numbering and page borders.

WordPerfect 7.0 features

The following WordPerfect 7.0 features either do not import or are changed in some way in the importing process. All of the unsupported and changed WordPerfect 6.0/6.1 features described above apply here as well.

WordPerfect 7.0 features that do not import

• Border styles for columns: Column All, Spacing Only, Extra Thick (no columns import)

• Checkboxes via macros

• Diagonal lines within table cells

• Fills that alternate by rows and columns for table cells (no fills import)

• Fill gradient specifications: vertical offset, horizontal offset, rotation angle (no fills import)

• Highlighted text

• Page numbering (see "Notes on formatting")

• Features that change when imported

• Border styles for paragraphs: Column All, Spacing Only, Extra Thick (import as hairline, 100% black, with the same line length as the text, with no indents)

• Border styles for pages: Column All, Spacing Only, Extra Thick, and fancy styles from WordPerfect Graphics files (see "Notes on formatting")

• Dot leaders for right-aligned text (text imports right-aligned without dot leaders)

• Rotated text within a table cell (imports as text without rotation)

Notes on WordPerfect 7.0 formatting

Text imports as a story, which can be placed on any page (or pages); therefore, there is no concept of page borders.

WordPerfect 8.0 features

The following WordPerfect 8.0 features either do not import or are changed in some way in the importing process. All of the unsupported and changed WordPerfect 6.0/6.1 and 7.0 features described above apply here as well.

• Character (paired-auto) (does not import)

• Drawing order of objects (objects import as inline graphics, without order information)

• Flipped graphics (import without flip attribute)

• Graphical styles: Draw Object, Draw Object Text, Sticky Note Text (objects import as inline graphics)

• Grouped objects (import as ungrouped inline graphics)

• Objects placed with text (objects import as inline graphics, without placement information)

• Version control (imports last saved version only)

Graphic file formats

Several kinds of files can be imported with special preference settings. This section lists those formats, and explains the preference settings you can select. All options selected in the dialog box remain in effect until you change them or exit PageMaker.

To select preferences, do one of the following:

• Select the Show Filter Preferences option in the Place dialog box.

• Press Shift while you double-click any of the following files or file formats in the Place dialog box:

• .CDR files from CorelDraw versions 3.0-5.0

• AutoCad DXF files

• .GEM files

• HPGL files (such as those saved from CorelDraw or AutoCad)

• Macintosh PICT graphics

• Lotus PIC graphics

• WordPerfect Graphics versions 1 and 2

The options available in the filter dialog box are:

• Retain Gradients. When checked, a graphic imports with color gradients. Otherwise, a solid color is applied.

• Retain Background. When checked, a graphic imports with the background set by the application that created it. Otherwise, the graphic imports with a white opaque background.

• Emulate Line Style. When checked, a graphic imports with shapes that simulate the various line styles provided in the software that created the graphic. This slows down the import process.

• Import Colors lets you select one of five options for handling colors and grays in the graphic.

Adobe Illustrator Import Filter

The options available in the filter dialog box are:

• Spot color options. To ensure accurate spot color separations, you can choose to add spot color names to the PageMaker Colors palette when importing a native Illustrator file. Alternatively, you can choose to exclude spot colors, in which case the spot colors will be converted to process color for separations.

• Preview options. Specify a suitable dots-per-inch (DPI) setting for the screen preview that is generated when a native Illustrator file is imported. You can also select between 256 colors and millions of colors for the screen preview. In either case, the preview will not effect how the Illustrator file is printed, with the exception of PCL output.

Placed PDF Import Filter

The PDF import filter lets you place any single page from an Adobe Portable Document Format (PDF) file into a PageMaker publication. Using the PDF import filter, you can reuse existing PDF documents in imaginative and meaningful ways. For example, you can select an individual page from a catalog saved as PDF and place it into an ad or brochure you're creating in PageMaker, thereby streamlining workflow and saving time. In addition, the PDF Import filter lets you control the resolution of the on-screen preview for faster performance, yet provides reliable, high-quality output to PostScript devices.

The placed PDF is similar to a placed EPS graphic in PageMaker in the following ways: the PDF appears in the PageMaker publication as an on-screen preview, using the preferences from the filter preferences dialog box; you cannot edit objects in the PDF; the PDF always prints at high resolution when printed to a PostScript device, but prints at the resolution of your screen preview when printed to a non-PostScript device. Adobe does not recommend using PDFs for graphics or text if outputting to non-PostScript devices where high resolution is needed.

Importing a PDF page

This section covers the basic steps for importing a PDF page into PageMaker.

To import a PDF page:

Before importing, make sure the PDF document contains no security settings.

1 In PageMaker's layout view, choose File > Place. In Windows, PageMaker lists PDF documents with a .pdf extension. To see a valid file without that extension, choose All Files for Files of Type.

2 Double-click the file to place it, or select the file and click Open. If prompted to select a file type in Windows, choose Portable Document Format from the list, and then click OK.

3 In the filter preferences dialog box, select options for importing specific pages, and for including PostScript® printing information and display settings. For details on setting preferences in the dialog box, see the section below.

4 Position the graphics icon where you want the PDF to be and click.

If you have trouble placing the PDF page, try opening the document in Acrobat Exchange® and saving the document with a new filename. If the PDF does not import as expected, see the section "Workflow issues" later in this document.

Setting filter preferences

The PDF Import Filter dialog box displays options for including certain PostScript printing information and display settings. The dialog box includes the following options:

Navigation Arrows Use the arrows beneath the thumbnail image to advance through the PDF document page by page. A thumbnail image of each page appears in the dialog box. The default page number is 1.

Page Button Click to display a dialog box where you can specify a page number, and then click OK to select the page.

Ignore Any Halftone Screens A halftone screen (also known as screen frequency, screen ruling, screen angle, and line screen) is the number of halftone dots that print per inch measured in lines per inch (lpi). Select the option to ignore halftone and lpi information that was saved with the PDF document when it was created. Deselect the option to include the information. This may be useful if a graphic's lpi was set for a special effect (such as heavy lines) and you want to maintain that effect in PageMaker. The default setting is on, or the last setting applied in the PDF Import Filter dialog box.

Note: In Acrobat® Distiller® 3.0 or later, the Preserve Halftone Screen Information option must have been selected when the PDF was created for this filter preference to have any effect. (In Distiller, choose Distiller > Job Options, and then click the Advanced tab.) You can override Distiller's options from within PageMaker using the Export PDF plug-in.

Entire Page Select to specify a bounding box that matches the size of the physical page. A page-size PDF will be imported.

Content Area Select to specify a bounding box around only the objects on the page. The placed PDF will be the cropped version of the page. The default setting for this option is on, or the last setting applied in the PDF Import Filter dialog box. Be aware of the following import issues:

If the PDF contains text, the bounding box will grow to accommodate bold italic attributes, regardless of the applied type styles. As a result, when the Content Area option is selected, most text-intensive PDFs will include extra white space on the right side of the text.

If the bounding box includes a stroked object, the box will expand when imported to accommodate the width of the stroke, adding white space around the PDF.

Note that in either case the extra white space won't print. You can manually crop the extra space, or use EPS format instead of PDF.

Resolution Type a value from 18-300 for the resolution of the preview, which is the on-screen representation of the PDF page in PageMaker. The preview resolution affects file size but does not determine output resolution on a PostScript device. To minimize file size and speed up importing, use 72 dpi (dots per inch) or less. The default is 72, or the last setting applied in the PDF Import Filter dialog box.

Note: For best results when printing to a non-PostScript device or creating an HTML page from a PageMaker publication with a placed PDF (Export > HTML), use 72 dpi or higher and select Millions for Color Depth (see next option). Be aware that this may significantly increase the time required to import the PDF and increase the file size.

Color Depth Select a value for the color depth of the preview, which is the on-screen representation of the PDF page in PageMaker. Like Resolution above, the value for Color Depth affects file size but does not determine output resolution on a PostScript device. To minimize file size and speed up importing, use 256. The default is 256, or the last setting applied in the PDF Import Filter dialog box.

Note: If a memory alert appears, or if the preview creation fails and a gray box appears, try reducing the preview's resolution or color depth. The resolution and color depth are limited by the computer's capabilities. If a gray box appears, the PDF will still print to a PostScript device.

Estimated Size Represents the approximate number of bytes that will be added to the PageMaker publication.

Placed PDF import filter features

The following PDF features do not import:

• Bookmarks

• Forms

• Hypertext links

• Indexes

• Notes

• QuickTime movies

• Thumbnails

• URLs

• Workflow issues

A completely digital workflow based on PDF will ultimately provide everyone in the publishing lifecycle with a streamlined production process that is reliable and consistent. As PDF evolves, the incompatibilities that result from flattening PostScript information to create the PDF, and then recreating the PostScript information for color separations or other uses, will be resolved. This section provides solutions for known workflow problems when using the PDF Import filter.

Color models in PDF import

For accurate results, color models used in PDF documents must match the intended output. For example, use CMYK for printing, and RGB for on-screen viewing. Do not use RGB or a device-independent color model (for example, CIE L*a*b) if printing separations generated by PageMaker; all the pages will print on the black plate.

When a PDF document containing CIE color is placed in a PageMaker publication, the message "Page contains CIE color. Special separations handling required" appears. This message appears only during placement, not when creating color separations, so a prepress service provider may not know that color separations will not be created.

To ensure accurate results, do one of the following:

• Return to the creating application and change the color model to CMYK.

• Create in-RIP separations, as described below. The output device must support in-RIP separations and must be PostScript version 2017.103 or later.

Important: To determine if color separations will image correctly, Adobe recommends creating color proofs using an Adobe-licensed PostScript device. For more information on creating color proofs, see the Adobe PageMaker 7.0 User Guide.

To create in-RIP separations:

1 With the PageMaker publication open, choose File > Print.

2 Click Color.

3 Select Separations, and then select Perform on Printer.

4 Set other print settings as needed, and then click Print (or click Save to create a PostScript file).

For more information on printing color separations, see the discussion beginning on page 405 of the *Adobe PageMaker 7.0 User Guide.*

Spot colors in PDF import

Sometimes separation color spaces (spot colors) convert to process colors or are not supported at all, depending on the creating application. When importing a PDF, be aware of the following spot color issues:

Adobe PageMaker No issues using Distiller 3.0 or later.

Adobe Photoshop® 3.x or later Spot colors are not supported. If spot colors are required, do not use PDF. Save the file as EPS.

Adobe Illustrator® 7.0 or 7.01 Spot colors are not supported if the Save as PDF command is used. To preserve spot colors, save the file as EPS, and then distill the file in Distiller 3.0 or later using the prologue.ps and epilogue.ps files. (See the procedure below.)

Adobe FrameMaker® 5.x To preserve spot colors, create a PostScript file and then distill it in Distiller 3.0 or later using the prologue.ps and epilogue.ps files. (See the procedure below.)

Macromedia FreeHand 7.x Spot colors are not supported if the Save as PDF command is used. To preserve spot colors, save the file as EPS, and then distill the file in Distiller 3.0 or later using the prologue.ps and epilogue.ps files. (See the procedure below.)

QuarkXPress 3.3 or later To preserve spot colors, create a PostScript file using the Luminous or Imation Prepress XTension instead of using the Save Page as EPS command in QuarkXPress. Then distill the file in Distiller 3.0 or later using the prologue.ps and epilogue.ps files. (See the procedure below.)

To use the prologue.ps and epilogue.ps files:

1 Move the prologue.ps and epilogue.ps files from the Distillr:XTras:high_end folder into the same folder as the Distiller application. (For more information, see the Readme.txt file in the same location.)

2 In Distiller, choose Distiller > Job Options, and then click the Advanced tab.

3 Select the Distill with prologue.ps / epilogue.ps option and click OK.

Spot color names (PageMaker issue only)

Spot colors named Red, Green, or Blue have special implications in the PostScript language. Because of this, PDFs created in PageMaker using colors named Red, Green, or Blue and placed back into PageMaker will not separate as expected. To print color separations, open the original file in PageMaker, rename the Red, Green, and Blue colors (for example, Red1 or Red-1), create a new PDF document, and then import the PDF into PageMaker.

High-fidelity colors

High-fidelity colors are not supported by Distiller 3.x or earlier. Distiller converts high-fidelity colors to RGB or CMYK according to user-selected options. If high-fidelity colors are required, use EPS or TIFF format instead of PDF.

Overprinting

An imaging problem occurs when printing color separations in PageMaker if you apply a process color to an 8-bit or 1-bit image in the placed PDF and set the color to overprint. The image will knock out rather than overprint. Note that a process color applied to a PageMaker-drawn object or text will overprint as expected.

Duotones

Duotones included in placed PDFs will not print as expected from PageMaker. Duotones are designed for color separations, not for composite output. Since a PDF is a composite representation of your file, the PDF no longer contains enough DCS and EPS duotone information for color separations to print correctly. The resulting separations will not match the original duotone file.

Clipping paths

PageMaker prints clipping paths used in PDF graphics only if the PDF document was distilled with Distiller 3.0 or later. For example, clipping paths in PDF documents created using the Save as PDF command in Photoshop 4.0 or 4.01, or Adobe Illustrator 7.0 or 7.01 do not import. If a clipping path is required, return to the creating application, save the document as a PostScript file, and then distill the PostScript file in Distiller 3.0 or later.

Font substitution

If the required fonts are not embedded in the PDF document or available on your computer, the PDF Import filter substitutes Courier for the missing fonts. To verify that fonts are in the PDF or on the computer, open the PDF in Acrobat Exchange, choose File > Document Info > Fonts. If the font under Used Font is either Adobe Serif MM or Adobe Sans MM, Courier will be substituted when the PDF is placed in PageMaker. The on-screen preview will always look like the original document, but Courier will be substituted when the document is printed to a PostScript device.

The EPS Font Scanner plug-in (if installed) should detect the missing fonts and display a dialog box with appropriate information. For more information on how to use the plug-in, see the *Adobe PageMaker User Guide*.

To ensure correct font handling, do one of the following:

• Return to the creating application and embed the fonts in the PDF document.

• Install all required fonts on your computer.

• Confirm that your printer contains the required fonts.

Illustrator and multiple master fonts

To embed Adobe multiple master fonts in a PDF file from Illustrator 6.0 or later, save the file as an EPS, and then distill the EPS in Distiller 3.0 or later.

Additional troubleshooting

This section contains tips for avoiding additional problems when using the filter.

The PDF Import filter always stores PDFs in the publication, and the Store Copy in Publication option is selected by default in PageMaker's Link Options Defaults dialog box (Element > Link Options). If you intend to print the PDF, do not deselect this option, or the PDF will be lost.

PageMaker incorrectly displays the message "One or more of the linked items in this publication may not print as expected" if you attempt to print a file with a placed PDF to a PostScript device and do not have the PDF Import filter installed. You can print to a PostScript device anyway, which will produce high-resolution output, or install the filter.

Encapsulated PostScript Import Filter

The options available in the filter dialog box are:

• Add process and high fidelity color names to palette.

• Import nested DCS images for separations.

• Read embedded OPI image links.

• Spot color options. To ensure accurate spot color separations, you can choose to add spot color names to the PageMaker Colors palette when importing a native Illustrator file. Alternatively, you can choose to exclude spot colors, in which case the spot colors will be converted to process color for separations.

• Preview options. Specify a suitable dots-per-inch (DPI) setting for the screen preview that is generated when a native Illustrator file is imported. You can also select between 256 colors and millions of colors for the screen preview. In either case, the preview will not effect how the Illustrator file is printed, with the exception of PCL output.

• Create Preview if None Exists. Select this option to generate a preview for an EPS file. The preview will not affect printing to PostScript, but will be used when the file is printed to a printer using PCL. When this option is deselected, no preview will be generated and a gray box will be displayed for EPS files that have no preview.

• Always Create Preview. Select this option to generate a new preview of the imported graphic. This will replace the preview normally displayed in PageMaker.

Portable Network Graphics (PNG) Filter

The new PNG graphics filter lets you place graphics stored in the Portable Network Graphics (.png) file format into PageMaker publications. The PNG format was developed by a consortium of technology companies as a patent-free alternative to GIF (Graphics Interchange Format) for portable, well-compressed storage of bitmap images. The PNG format can store up to 16 bits (grayscale) or 48 bits (True Color) per pixel, and up to 16 bits of alpha data. In addition, PNG can store gamma, transparency, and textual information. PNG handles the progressive display of image data, and uses an efficient lossless form of compression that reduces file size without discarding data.

Importing a PNG graphic

This section covers the basic steps for importing PNG graphics into PageMaker. For more information on importing graphics, see the *Adobe PageMaker User Guide*.

To place a PNG graphic:

1 In PageMaker's layout view, choose File > Place. PageMaker lists PNG graphics files with a .png extension. To see a valid file without that extension, choose All Files for Files of Type.

2 Do one of the following:

• Select the file you want to place. To display the filter preferences dialog box for more options associated with the graphic, make sure the Show Filter Preferences option is checked, and then click Open.

• Double-click the file to place it, or hold down Shift while you double-click to display the filter preferences dialog box before placing the graphic.

3 If prompted to select a file type in Windows, choose PNG Import Filter from the list, and then click OK.

4 If the filter preferences dialog box appears, select options for using transparency information or applying gamma correction as desired. For details on setting preferences in the dialog box, see the section below.

5 Position the graphics icon where you want the top of the graphic to be and click.

Setting filter preferences

The PNG Import Filter v1.0 dialog box displays transparency and gamma information that was saved with the PNG graphic by the creating application (for example, Adobe Photoshop®), which you can change before placing the graphic into PageMaker. The dialog box includes the following options:

Use Transparency Information The import filter's transparency options let you designate a color for certain PNG graphics that contained transparency information. If the PNG graphic included a selected area saved as an alpha channel or was created from an indexed-color image with one color designated as transparent, you can make the unselected or transparent areas white, gray, or the background color that was saved with the file (if any).

White Background If the PNG graphic does not contain a file-defined background color, the White Background option will be selected by default. You can accept the white background, or click the Use Transparency Information to deselect it and import the graphic with a gray background.

File Defined Background Color If the PNG graphic contains a background color, this option will be selected by default. Using a file-defined background color is useful if, for example, you will display the PNG graphic on a Web page with the same background image or color, and you want the graphic to blend into the background. You can accept the background color, click to deselect the option so the graphic imports with a gray background, or click the White Background option to change the background color to white. (Changing the background to white may be useful if, for example, the graphic was created with a background color for a specific paper color and you want to use the same graphic on white paper.)

Apply Gamma Correction The PNG filter lets you adjust image gamma (the contrast of midtones relative to the highlights and shadows in the graphic) before you place the PNG graphic into PageMaker. This correction option lets you match image gamma to the gamma of the device you will use to print or display the graphic (such as a desktop printer or computer monitor).

If the PNG graphic contains gamma information, this option will be selected and the value saved with the file will appear in the box next to Gamma Value.

Gamma Value The Gamma Value edit box is available only if Apply Gamma Correction is selected. You can accept the default gamma value that was saved with the graphic, adjust the gamma value for use in PageMaker, or remove it by deselecting the Apply Gamma Value option. If the PNG graphic does not contain a gamma value, you can select the Apply Gamma Correction option. The value will default to 1.0. To change the value, type a positive number from .001 to 3.0.

Note: Unless you know what gamma value to use based on experience with the output device, it's best not to change the default value.

Additional PNG notes

Be aware of the following import issues:

• PNG graphics placed in a PageMaker publication convert to JPEG (Joint Photographic Experts Group) format when exported to an HTML document (File > Export > HTML). If you prefer GIF (Graphics Interchange Format), you can convert the graphics to GIF by setting that option in the Export HTML dialog box. (Choose File > Export > HTML, click Options, select All to GIF, and then click OK.)

• Color PNG graphics placed in a PageMaker publication are RGB bitmap images, so they print only as composites, not color separations.

• Photoshop 4.x does not provide a way to define a background color when exporting an image to PNG. This means that you won't be able to add a background color to the PNG graphic as you can when exporting to GIF.

QuickTime Image Import Filter

The QuickTime image filter displays a Preferences dialog box when you import a file. The dialog box options are:

• Volume. Controls the volume of the movie soundtrack.

• Play button. Starts the movie playback. Click this button during play to suspend playback. (You can also double-click the movie to start playback.)

• Slider control. Use to move directly to a new frame in the movie.

• Left/Right nudge control. Use to advance one frame at a time in any direction.