Oracle® Documaker

Using the Documaker XTension with QuarkXPress

Part number: E16256-01
April 2010
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Using QuarkXPress to Create Resources for Documaker

You can use the Documaker XTension with QuarkXPress to create Documaker resources from Quark files.

**NOTE:** The Documaker XTension can only be used with a valid, registered copy of QuarkXPress.

You can then open these resources in Documaker Studio or Image Editor to create your Documaker forms and form sets.

QuarkXPress is a page layout application typically used for designing magazines and brochures. Plug-ins designed for QuarkXPress are called XTensions. To use the XTension to export FAP files, you must have QuarkXPress version 6.5, 7.0, 8.01, or 8.02.

**NOTE:** The following information reflects changes made to the Documaker XTension in Oracle Documaker version 11.5. These changes allow the Documaker XTension to work with QuarkXPress version 8.01 or 8.02.

For QuarkXPress version 6.5, make sure you have installed Documaker version 11.1, patch 13 or higher to use the Documaker XTension.

To use this XTension with QuarkXPress version 7.0, make sure you have installed Documaker version 11.1, patch 23 or higher.
The Documaker XTension module is packaged as a DLL with this name:

<table>
<thead>
<tr>
<th>For Quark version</th>
<th>And these versions of Documaker</th>
<th>Use this XTension file</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.5</td>
<td>11.1, 11.2, 11.3, 11.4, and 11.5</td>
<td>QuarkToFAP.XNT</td>
</tr>
<tr>
<td>7.0</td>
<td>11.1, 11.2, 11.3, 11.4, and 11.5</td>
<td>v7Docucorp.XNT</td>
</tr>
<tr>
<td>8.01 or 8.02</td>
<td>11.4 and 11.5</td>
<td>v8Skywire.XNT</td>
</tr>
</tbody>
</table>

The Documaker XTensions (QuarkToFAP.XNT and v7Docucorp.XNT) that ship with Documaker versions 11.1 and 11.2 require these supporting DLL files:

- ICUDT21.DLL
- ICUUC21.DLL
- LIBGFL254.DLL

The Documaker XTensions (QuarkToFAP.XNT and v7Docucorp.XNT) that ship with Documaker version 11.3 require these supporting DLL files:

- ICUDT36.DLL
- ICUUC36.DLL
- LIBGFL254.DLL

The Documaker XTensions (QuarkToFAP.XNT, v7Docucorp.XNT, and v8Skywire.XNT) that ship with Documaker version 11.4 require these supporting DLL files:

- ICUDT36.DLL
- ICUUC36.DLL
- LIBGFL254.DLL

The Documaker XTensions that ship with Documaker version 11.5 and higher require that the full Documaker installation be in the user's path.

Determining the version number

You can determine the version number of your Documaker XTension by opening the folder that contains the QuarkXPress XTensions and then right-clicking on the QuarkToFAP.XNT, v7Docucorp.XNT, or v8Skywire.XNT file.

Select Properties from the menu and click the Versions tab to see the Documaker XTension version information.
Here is an example:

![Version Tab Screenshot]

To install the Documaker XTension for Documaker versions prior to 11.5, copy the DLL files into the QuarkXPress XTensions directory, which should be similar to the example shown here:

<table>
<thead>
<tr>
<th>For version</th>
<th>Copy to a directory similar to...</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.5</td>
<td>..\Program Files\Quark\QuarkXPress 6.1\XTension\</td>
</tr>
<tr>
<td>7.0</td>
<td>..\Program Files\Quark\QuarkXPress 7.0\XTension\</td>
</tr>
<tr>
<td>8.01 and 8.02</td>
<td>..\Program Files\Quark\QuarkXPress 8\XTension\</td>
</tr>
</tbody>
</table>

For Documaker version 11.5 and higher, perform these steps:

1. Copy the XTension file (*.XNT) into the QuarkXPress XTensions directory.
2. Add the Documaker installation directory to the Path environment variable.
NOTE: To export graphics based on Encapsulated PostScript (EPS) files, you must also install Ghostscript 8.00 or higher.

There are several variants of Ghostscript, such as GPL Ghostscript, GNU Ghostscript, ESP Ghostscript, and AFPL Ghostscript. This feature requires AFPL Ghostscript and will not work with the other versions of Ghostscript. For more information on Ghostscript, visit this web site:

http://www.cs.wisc.edu/~ghost/

Ghostscript is a free application that displays and prints PostScript files. EPS files are converted into Documaker graphics (LOG) files at 300 DPI, assuming you have Documaker 11.1, patch 23 or higher installed.
Use these options in your FSISYS.INI, FSIUSER.INI, or FAPCOMP.INI file to customize how the Documaker XTension works:

```
< MasterResource >
  DefLib = .\deflib\n  FormLib = .\forms\n  XRFFile = rel113
```

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DefLib</td>
<td>This option is used to locate system files, such as font cross-reference files (*.FXR).</td>
</tr>
<tr>
<td>FormLib</td>
<td>This option is used by the export process to save bitmaps.</td>
</tr>
<tr>
<td>XrfFile</td>
<td>The font cross-reference file. This file contains information that allows the Documaker XTension to match Documaker fonts to those used in the QuarkXPress layout.</td>
</tr>
</tbody>
</table>

**NOTE:** Lower level functions called by the export procedures may use other INI settings.
Here is an overview of the steps you would take to create Documaker resources from QuarkXPress files. Keep in mind that some QuarkXPress features have no equivalents in Documaker software. Also keep in mind that the consistency of your QuarkXPress layouts plays a part in the fidelity of your results.

- Generate a font report and make sure the required fonts are available in your font cross-reference (FXR) file. Use Font manager to import missing fonts into the FXR file. For more information, see Optimize font selection on page 9.

**NOTE:** Font manager is part of Documaker Studio. In the older development tools, such as Image Editor, Font Manager is a separate application. You can use either font manager to import missing fonts into an FXR file or perform any of the font-related tasks described in this document.

- In QuarkXPress, remove tracking and kerning. Removing these attributes from the layout will cause QuarkXPress to reflow the document and allow the Documaker XTension to export a more suitable document.

- In QuarkXPress, make sure the layout contains the correct path to all of the required images. For more information, see Verify picture locations on page 9.

- Generate an export file. See Creating Documaker Resources on page 7 for more information.

**NOTE:** For the first attempt, make sure the Generate Font Report option is selected. When the report appears displayed, make sure the font substitutions match your expectations.

- Open the output, which will be a FAP file, in Image Editor or Documaker Studio. View the graphics to make sure they are correct. Graphics that are not created from disk files are of lower quality. Also look at the graphic’s properties.
  - The names assigned to graphics from disk files will look like MyLogo.log or MyLogo640x480.log, where 640x480 is replaced by the actual dimensions of the graphics file.
  - The names assigned to graphics which are not from disk files are based on the name of the layout, with a numerical sequence appended, as in MyLayout0001.log.

- Review the Limitations on page 11 and inspect the FAP file to see if it is affected by any of these limitations. If it does exhibit one of these problems, you may need to modify the layout in QuarkXPress.

If you do make changes to the layout, run the export again and test the result. When you are satisfied with the results, make any necessary changes to all of your QuarkXPress files, run the export again, and open the results in Image Editor or Documaker Studio.
CREATING DOCUMAKER RESOURCES

To create Documaker resources from a QuarkXPress layout, follow these steps:

1. Open the file in QuarkXPress.

2. Select File, Export. Then select the As FAP option. The Export Layout to FAP window appears which lets you choose a Documaker INI file and specify the location of the output file.

Make the appropriate entries in the fields on this window. If multiple layouts are open, the window shown here appears instead, so you can select multiple layouts to export.
When handling pictures that are loaded from disk, the Documaker XTension exports one picture for each size used in Documaker graphics (LOG) format. These files are named by appending the image size (width x height) to the original image name.

Before exporting, the Documaker XTension checks to see if the FAP file already exists. If it does, variable fields on the existing FAP file are preserved in the resulting document so you do not have to edit the output FAP file to reinsert fields.

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select an INI File for the Conversion</td>
<td>Enter the name of the INI file you want to use. The default is the most recently used INI file.</td>
</tr>
<tr>
<td>Specify the Location for the Output Files</td>
<td>Enter the path where you want the exported file to reside and a name for this file. If you omit the name, the Documaker XTension assigns a .FAP extension to the name of the QuarkXPress layout. Click Browse to choose a location from the File window. If multiple layouts are open, the File window lets you choose a directory. The XTension remembers the last location used for an export and displays it as a default.</td>
</tr>
<tr>
<td>Export Picture Boxes</td>
<td>If there are pictures in the layout that do not exist on disk, click this field to create Documaker graphics (LOG) files for these pictures. If, for example, a picture overlaps a text object, you may prefer to uncheck this box to see just the text object.</td>
</tr>
<tr>
<td>Export Unsupported Boxes as Logos</td>
<td>Click this field to turn off the default behavior in which QuarkXPress objects that do not convert well into Documaker objects are exported as Documaker graphics (LOG) files. For instance, Documaker only lets you rotate text in increments of 90 degrees, while QuarkXPress lets you rotate text by any amount.</td>
</tr>
<tr>
<td>Mark All Objects Pre-printed</td>
<td>Use this option to tell the XTension to set the pre-printed flag on every object (boxes, bitmaps, vectors, text areas, and text labels) it creates. Having the pre-printed flag set on an object can be useful during forms creation or when test printing your forms, such as when you are using letterhead or special paper with the company name or graphics embossed on the paper. Inserting a text label or graphic on your form in the same location as the company name or graphics helps make sure the space is not inadvertently written over by other objects. These objects would reserve that space on the form. You may want to include pre-printed objects when test printing the form to compare against your special paper to make sure there is enough space on the special paper for the non pre-printed objects. By default, the Print window does not display a Pre-printed option. Any objects flagged as pre-printed will not print on the form.</td>
</tr>
<tr>
<td>Generate Font Report</td>
<td>Click this field if you want the Documaker XTension to display a list of all fonts used in the layout after it finishes the export. The list shows you both the original fonts used in the layout and the FAP fonts that were substituted for them. See Optimize font selection on page 9 for more information. This is only available when you are exporting a single layout.</td>
</tr>
</tbody>
</table>
For Best Results

Here are some tips on how you can get the best results from the Documaker XTension:

Verify picture locations

QuarkXPress can display a picture even if the original image is no longer on disk, or is in a different location on disk. If this is the case, the Documaker XTension can only retrieve a 96 DPI capture of the image. If you make sure the picture locations are correct in the layout, using the Usage option on the Utilities menu, the Documaker XTension can create a full-resolution Documaker graphics (LOG) file.

Optimize font selection

The Documaker XTension matches the fonts in the QuarkXPress layout to those in your FXR file to minimize any differences in word wrapping, line heights, and appearance. When the layout specifies a font, the Documaker XTension looks at each font in your FXR file and assigns it a score based upon several criteria, including...

- How closely the family and face names match those given by the layout
- How closely the size matches that specified in the layout
- Whether it is a symbol font
- Whether its type style — bold, italic, or Roman — matches that of the layout
- Whether its spacing type — proportional or fixed — matches that of the layout

Additionally, if the font has a substitute listed in the Window32Subs control group, the Documaker XTension uses the specified substitute. For example, if your INI file contains this option:

```xml
<Window32Subs>
  Albany MT = Arial
</Window32Subs>
```

and the QuarkXPress layout specifies that Arial should be used, the Documaker XTension will substitute the Albany MT font.

In addition to using the Window32Subs control group, there are other ways you can configure the system to choose the best fonts possible.

- Use Font manager to import the fonts used by the QuarkXPress layouts into a Documaker FXR file. The font scoring system will add additional points if the name in the layout exactly matches that in the FXR file.
- Use the Generate Font Report field. After the export is complete, the following window appears:
Review the report and note any discrepancies between the original font and its substitute. Look specifically at the criteria mentioned previously. Do the sizes match? If not, use Font manager to import the needed size into your FXR file.

Make sure symbolic fonts, such as DocuDings, are not being substituted for a non-symbolic font. Make sure the font you want is in your FXR file. You may want to use the Window32Subs control group to specify the font you want substituted.

The Documaker XTension tries to determine whether the font being requested is bold or italicized. This is not always possible because sometimes bold, italic, or oblique are characteristics of the font itself and the corresponding style is not set.
LIMITATIONS

Keep in mind these limitations:

• QuarkXPress lets you lay out text along an arbitrary path. This feature has no equivalent in Documaker software. Boxes that contain text that is not placed normally or rotated in increments of 90 degrees are exported as graphics if the option to Export Unsupported Boxes as Logos is turned on.

• The Documaker XTension does not support these QuarkXPress features:
  • Paragraph rules — lines above or below the paragraph.
  • Vertical text alignment in a text area.
  • Font scaling.
  • Z-ordering, in which objects can cover other objects. In Documaker applications, underlying objects remain visible.

• In QuarkXPress, pressing SHIFT+TAB overrides existing tab stops and creates a right-justified tab at the right edge of the current text box. This behavior is a result of an attribute given the tab character itself; emulation of the behavior using only tab stops is likely to result in unpredictable formatting. Therefore, the Documaker XTension converts the SHIFT+TAB combination into a simple tab.

• QuarkXPress’ runaround feature lets information flow around an object, such as an illustration. This feature is not supported by the Documaker XTension. If you are exporting layouts that use runaround, be sure to check for and correct any overlapping objects.

• QuarkXPress’ tracking feature lets you adjust the horizontal spacing between letters. Tracking is not a part of the Documaker system and is ignored by the Documaker XTension. If there are big differences in where lines wrap, or in the way text flows in the output FAP file, this may be a result of tracking.

  For best results, before you do the export select all of the affected text, then select the Track option from the QuarkXPress Style menu. When the window appears, enter zero (0) in the Track Amount field, and click Ok.

• In QuarkXPress, pressing CTRL+\ inserts an Indent Here character, which tells QuarkXPress to indent each subsequent line to the location of that character until the next paragraph marker. This feature is not a part of the Documaker system and is ignored by the Documaker XTension. Text affected by the Indent Here character in Quark will flow within previously set margins after the export.

• When exporting picture boxes and unsupported boxes as graphics, turn off guides for best results. To turn off guides, select the View, Hide Guides option from the QuarkXPress menu.

• Suppose a QuarkXPress layout uses two coincident boxes, one that can be exported fully and one that must be exported as a bitmap. Since there is no way for the Documaker XTension to understand the intent of the layout geometry, both boxes are exported with a result similar to that shown below. Experiment with the Export Picture Boxes and Export Unsupported Boxes as Logos fields on the Export Layout to FAP window to get the best results.
Dear Mr. [Name],

Thank you for calling for information about the Peoples Dental Plan — the fast and easy way to save money when you go to the dentist!

If you’re wondering how fast and easy it really is to save money, consider this: using this card guarantees you savings of at least 20% — and many times up to 50% or more — when it’s time to pay the bill. [Savings figure based on comparisons to current national averages.]

You save right on the spot, too, with no forms or waiting to worry about because this is not an insurance policy. And, those savings can really add up, because ...

With the Peoples Dental Plan you’ll see the savings in so many different ways:

1. Virtually all dental procedures are discounted — save on cleanings, getting a cavity filled, ...-erect — cosmetic procedures, and that’s just the start. I’ve included a list of common dental services and the average amount you could be saving when you belong to the Peoples Dental Plan. You’ll pay less when you visit the dentist — guaranteed!

2. One low price — $9.95 a month — includes your entire family. Your whole household can use the card, so the savings can really grow. In fact, it’s easy to see how this card can more than pay for itself the very first time you use it!

3. Unlimited use of the plan. You are guaranteed to save at least 20% — and many times up to 50% or even more — every time you go to a participating dentist. There’s no catch. We’re able to bring you these savings through the CAREINGTON Dental Network, where dentists have joined together to make dental care available to American families at the affordable price they deserve.

Over, please!

To join, complete this form, detach, and mail today.

---

Dental Membership Request Form

1. Charge $9.95 for my first month, $9.95 a month thereafter, to [Credit Card Type] Account # [Credit Card Number] Expiration Date /

2. Enclosed is my check or money order payable to Peoples Dental Plan for $4.95. I understand that after the first month my membership fee is $9.95 a month.

To join immediately, have your credit card ready and call 1-877-985-1638.

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