

# Debenu Quick PDF Library 9 Upgrade Warnings

This document contains a list of items that developers looking to upgrade to Debenu Quick PDF Library 9 should pay attention to. Changes to code may be required in order for your projects to compile using the new version.

## 1. New class and file naming convention

The “QuickPDF” file and class name prefix has changed to “DebenuPDFLibrary” and the “QuickPDF” function prefix in the DLL edition has changed to “DPL”.

Here are a few examples of the changes:

32-bit ActiveX DLL	QuickPDFAX0816.dll	DebenuPDFLibraryAX0816.dll
64-bit ActiveX DLL	QuickPDF64AX0816.dll	DebenuPDFLibrary64AX0911.dll
32-bit ActiveX class name	QuickPDFAX0816.PDFLibrary	DebenuPDFLibraryAX0911.PDFLibrary
64-bit ActiveX class name	QuickPDF64AX0816.PDFLibrary	DebenuPDFLibrary64AX0911.PDFLibrary
32-bit DLL	QuickPDFDLL0816.dll	DebenuPDFLibraryDLL0911.dll
64-bit DLL	QuickPDF64DLL0816.dll	DebenuPDFLibrary64DLL0911.dll
Delphi unit name	uses QuickPDF0816;	uses DebenuPDFLibrary0911;
Delphi class name	var DPL: TQuickPDF0816;	var DPL: TDebenuPDFLibrary0911;
DLL exported function names	QuickPDFLoadFromFile	DPLLoadFromFile

## 2. Changed function definition

- The AddLinkToEmbeddedFile the function definition was changed in version 9.11 to provide separate parameters for the title / contents and transparency.

### 3. DLL SetAnsiMode and “A” functions

- As of version 8.12, the DLL exports any functions with WideString/Unicode (UTF16) strings with two different names. A standard function definition and an alternative function definition using 8-bit strings. For example, the LoadFromFile function is exported as “DPLLoadFromFile” and also as “DPLLoadFromFileA”. The “A” version of the function uses a (char\*) parameter instead of (wchar\_t\*). The SetAnsiMode function controls the way these 8-bit strings are converted to Unicode, options are UTF-8 and the current system code page.

### 4. New functions

- SetAnnotDbIProperty
- SetAnnotRect
- AddStampAnnotation
- TransformFile
- GetDocumentRepaired
- CopyPageRangesEx
- UpdateAndFlattenFormField
- BalanceContentStream
- AddFormFieldChoiceSub
- GetFormFieldSubDisplayName

### 5. Removed functions

- None

### 6. Changed functionality

- LoadFromFile silently repairs certain PDFs if possible. Use the new GetDocumentRepaired function to determine if the file was repaired.
- FlattenFormField no longer calls UpdateAppearanceStream automatically. Use UpdateAndFlattenFormField to revert to the original behaviour.