



DynaPDF in Xojo

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Monkeybread Software

DynaPDF



- Crossplatform PDF Engine
- Mac OS X, Windows & Linux
- Plugin license useable in C/C++, Delphi, Visual Basic, PHP and other environments.
- Biggest PDF library available for Xojo
- Editions: Starter, Lite, Pro & Enterprise

PDF/A



- PDF format subset optimized for archiving
- PDF/A 1, 2, 3 variants
- Create new PDF/A in DynaPDF with Lite edition
- Convert existing PDF to PDF/A with DynaPDF Pro + PDF/A Extension

PDF/A



- Audio and video content is forbidden.
- JavaScript and executable file launches are forbidden.
- All fonts must be embedded
- Colorspaces specified in a device-independent manner.
- Encryption is forbidden.
- Use of standards-based metadata is required.
- External content references are forbidden.

PDF/A



- No LZW and JPEG2000 image compression
- No Transparent objects and layers
- No digital signatures
- No embedded files
- No use of XML-based XML Forms Architecture (XFA) forms
- No Interactive PDF forms

ZUGFeRD



- PDF/A + embedded XML
- Open German invoice format standard
- Can be created with DynaPDF
- XML can be extracted with DynaPDF

PDF/A Converter



- An extra to your Pro license
- CheckConformance
 - without PDF/A extension checks only
 - with PDF/A extension converts
- Optimize command
 - Rebuilds PDF to fix structure errors
 - Removes duplicate content, scales images down.

CheckConformance



- Call CheckConformance
- Returns which ICC Profile is required
- Call AddRenderingIntent with Gray/RGB/CMYK profile
- Implement events:
 - OnFontNotFound for replacing fonts
 - OnReplaceICCProfile for replacing ICC Profiles

PDF/A Creation Steps



- Call `CreateStructureTree` for tagged PDF
- Call `SetLanguage` to set language for document.
- Call `CheckConformance` with PDF/A Version to test
- Call `AddOutputIntent` to add profile.
- Call `SetPDFVersion` with version to save.

PDF/A Creation Steps



- For import of PDFs
 - SetImportFlags with `kifPrepareForPDF/A`, `kifImportAll` and `kifImportAsPage` before
 - Import pages & files
 - FlattenForm & FlattenAnnots
 - Requires PDF/A extension to fix imported PDFs

Pricing



- DynaPDF
 - 149 € Starter
 - 449 € Lite
 - 799 € Pro
 - 1199 € Enterprise
 - +599 € for PDF/A Extension for Pro/Enterprise
- For people here at conference 10% discount!

Q & A

- Questions?

