

# About Altsoft Xml2PDF

Altsoft Xml2PDF.NET is a Microsoft .NET Framework based engine for converting various XML data to Adobe PDF via XSL Formatting Objects. The minimal requirement is the Microsoft .NET Framework version 1.0 installed on the computer and any compatible OS.

Xml2PDF uses the Microsoft XML Core Services (MSXML) as XML parser and XSLT processor. Thus, any XSLT or XML feature implemented in this parser is automatically supported. Besides the standard XML syntax validation, Xml2PDF provides an additional XSL-FO validation against the “Extensible Stylesheet Language (XSL) Version 1.0 W3C Recommendation 15 October 2001” and “Extensible Stylesheet Language (XSL) Version 1.1 W3C Working Draft 17 December 2003”. In general, Xml2PDF tries to be as robust as possible and reports warning messages in all non-critical variations of the XSL Recommendation.

There are three editions of Altsoft Xml2PDF:

- Targeted for the desktop usage, “**Single user UI only edition**” provides the user interface for formatting, validating and transforming XSL-FO, XSLT and XML files. No batching processes are available.
- “**Server side edition**” provides a server tool for batch processing XML files on the server. User Interface is supplied as a bonus.
- “**.NET assembly edition**” provides a fully functional C# assembly. It can be embedded into any software product to produce PDFs from XML. Both server side tool and single user UI supplied as a bonus.
- “**Evaluation version**” is the same as the “Single user UI only edition” but the generated PDF files are encrypted and contain evaluation watermarks.

Altsoft Xml2PDF can use the 14 standard PDF fonts (Times, Courier, Helvetica families, Symbol and ZapfDingbats) as well as any system font. It supports all vector font formats including TrueType, Type1 and OpenType. So, the font will be recognized by Xml2PDF as soon as it is installed on the local machine. Internal data format is Unicode. In particular, any national character set is supported.

Both relative and global (Internet) external graphics URIs can be used. At the moment the following external graphics data types are supported:

- bitmap image (BMP);
- enhanced windows metafile image (EMF);

- Encapsulated PostScript (EPS);
- exchangeable image file (Exif);
- graphics interchange format image (GIF);
- the windows icon image (ICO);
- the joint photographic experts group image format (JPEG);
- the W3C Portable Network Graphics (PNG);
- PostScript (PS);
- Macromedia flash (SWF);
- the tag image file format (TIFF);
- the windows metafile (WMF) image format

No in-stream foreign objects are supported at the moment, but SVG support is coming soon.

The most of the formatter specific features (default property values, font embedding options, etc) are editable via configuration file.

The following features are supported for the generated PDF:

- internal cross links;
- external links;
- embedded fonts;
- encoded streams;
- security and encryption;
- CID fonts;
- ICC color spaces;
- Bookmarks ( PDF Outlines );

## **Altsoft contact information:**

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