

Altsoft XML2PDF is a Microsoft .NET based family of server and desktop products for publishing various XML documents such as XSL-FO, SVG, XHTML or pure HTML, Microsoft Word into print ready output formats including PDF, PS, XPS, SVG and raster graphics (TIFF, GIF, JPEG, PNG, WMF). Merging of several documents, compression, encryption and digital signatures in generated PDF and XPS, resulting document interactivity, advanced color management, font embedding and subsetting, Arabian, Chinese and Japanese fonts support and many other features are supported.

Additionally XML2PDF provides new intermediate AltDOC vector format which allows to:

- edit and merge formatted documents, add new custom elements to them;
- temporary store the formatted documents ready for saving in any of supported output formats;
- create PDF, XPS or TIFF from scratch using all the power of XML2PDF formatting engine

The ultimate conformance and performance make XML2PDF an ideal solution for automated formatting and publishing of various business document types such as reports, letters, invoices, catalogues, brochures, applications, bank statements, medical cards, time schedules, maps and many others. HTML input support also makes XML2PDF .NET API useful for ASP .NET and other web-applications or services.

XML2PDF FAMILY PRODUCTS

Altsoft **XML2PDF** family includes the following products:

- **XML2PDF Formatting Engine.** A pure managed **.NET API** providing complete functionality for formatting **XSL-FO** (or **XML+XSLT**), **SVG**, **HTML** and **Word**(**WordML 2003**, **DocX**, **Word 2007 Xml**, **Doc**) into **PDF**, **XPS**, **TIFF**. Developed in **pure C#** it provides complete compatibility with the **.NET** framework (versions 2.0 and 3.5) and can be easily embedded into any **.NET**-based solution and used inside custom workflows.
- **XML2PDF Workstation.** A client application for converting **XSL-FO** (or **XSL+XSLT**), **SVG**, **HTML** and **Word** (**WordML 2003**, **DocX**, **Word 2007**, **Xml**, **Doc**) files to **PDF**, **XPS**, **TIFF**. It is based on the XML2PDF Formatting Engine and brings its power to the desktop of your personal computer. XML2PDF Workstation provides the **user-friendly interface** for formatting Xml files. It takes one of the supported XML formats as an input and generates a **PDF**, **XPS** or **TIFF** file as an output reporting all warnings and errors it encountered. XML2PDF Workstation provides the functionality of converting **WordML** and **HTML** (with complete **CSS** support) files to **XSL-FO**. In addition, Xml2PDF Workstation is able to display documents of any supported format, providing scaling, navigation and printing functionality. More than that XML2PDF provides the **Digital Signature** functionality in **PDF/XPS**. You can easily sign your documents with just a few clicks.

XML2PDF USE CASES

XML PUBLISHING

This is exactly what XSL-FO format is designed for. You have an XML data source (book, magazine, report etc.) and you need to print it. In this case you apply an XSL transformation to produce an

XSL-FO and format it to PDF using XML2PDF. You can use different XSL transforms to produce multiple layouts from the same data-source. E.g. having dumped all your transactions to XML for this month you can produce a total revenue report for executives, a revenue structure report for the management, a transaction log for archiving and some more special reports for the departments.

REPORT GENERATION

A typical situation. You have some data and you need to print the report based on it. Create the report template using XSL-FO and produce them either using XSL transformation or by creating a direct XSL-FO stream. XML2PDF is the right choice in this case. It takes either XML data dumped with the presentation stylesheet or an XSL-FO source as an input and produces PDF output. Isn't it what you are looking for?

WORD TO PDF ON THE SERVER

Microsoft Word isn't licensed for server use. PDF is de facto the standard for the document interchange over the internet. So, XML2PDF is your savior. It can convert Microsoft Word (docx, doc, word 2003-2007 xml) to PDF at the server-side.

SERVER-SIDE WORD-BASED DOCUMENT FLOWS

MS Word is one of the leading document editors on Windows platform. PDF is the most common format to store the final documents. So, the perfect workflow is when an author creates a document in Microsoft Word and the server stores and manages it in PDF. What about the ability of XML2PDF to convert from WordML to PDF server-side in a fully automatic way?

PDF OUTPUT FOR ASP.NET SOLUTIONS

Altsoft XML2PDF ASP.NET connector provides an easy way to generate PDF streams directly from ASP.NET pages in the same way as usual HTML pages. To do this you can dynamically create an XML page in any format supported by Altsoft XML2PDF and filter it through the Altsoft XML2PDF formatting engine. The generated PDF will be streamed to the client application. ASP.NET developers can enjoy the familiar development framework to create Web solutions generating and distributing dynamic PDF documents immediately by a client request. In particular, you can code your .aspx pages with XSL-FO, SVG, XHTML or WordML instead of HTML and have a formatted PDF in the response stream. This technique can help you to avoid using stylesheets, templates, transformations and other processes usually required to produce PDF file and keep working within the standard ASP.NET way by automating a page source.

DOCBOOK BASED DOCUMENT GENERATION

Altsoft created a patch for DocBook FO stylesheets so they are compatible with native .NET XSLT processor now. Thus, you are able to generate a documentation styled with DocBook and compiled to PDF file in your .NET solution now.

DISTRIBUTING MAPS, CAD DRAWINGS AND OTHER VECTOR-BASED FORMATS

PDF is one of the best formats for distributing vector data (maps, diagrams, schemes, etc). It is purely a vector one, so no rasterization is required and you have no quality lost. It has embedded

compression algorithms, so the result files are not huge. It incorporates all the data inside the file, so you can forget about bothering whether a user has the required font or another resource installed. And almost everyone has a free Adobe Reader installed, so it is guaranteed that the user is able to view it. Altsoft XML2PDF has a perfect SVG to PDF conversion module. And do not forget that you can combine your SVG with XSL-FO to add an additional formatting and text to your drawings.

PRINT VERSION OF THE PAGE (WEB/INTRANET)

Do you need a PDF version of HTML pages or probably you need to teach your ASP .NET or other web-project creating PDF output? XML2PDF is able to convert every HTML page (with CSS and even dynamic with multiple parameters) to PDF. Just pass an URL of the page to XML2PDF and redirect its output to the client. Thus, you have a PDF version of each page and no special coding is required.

FAST PDF GENERATION

Virtually all programmers know HTML, don't they? So, they can easily create an XHTML document. Thus, using XML2PDF feature for HTML to PDF conversion they can add a PDF output to their software very fast. Later this output can be successfully tuned by designer. Designers are familiar with HTML and CSS. So, they can do it on their own. No programmers' time is spent on consulting the designer on the data format.

TYPICAL EXAMPLES

- Automatic invoice generation
- Periodic advertising brochures printing
- Web-services generating area maps in PDF format on demand
- Sending bank statements or any other letters with client-specific information
- Generation of print ready time planners for study process
- Generation of various personalized documents including medical cards

In general, any company with a large communication flow would need this type of functionality.

MAIN INDUSTRY AREAS OF APPLICATION

- Banking and different accounting systems
- GIS (Geographic Information Systems) providers
- Booklet publishing
- Governmental and educational institutions
- Healthcare
- Marketing and advertisement
- Software companies

The main branches of software for which XML2PDF .NET API provides useful functionality are:

- Electronic document workflow systems

- ERP systems
- Database reports
- Dynamic content management systems
- Cartography
- Publishing solutions
- Healthcare workflow automation
- Legal document management

XML2PDF PRODUCTS LICENSING

XML2PDF Workstation is absolutely FREE. It is free for download at our site.

XML2PDF Formatting Engine is designed for server use. The license is server-based, i.e. a separate license per server is required. It allows embedding the engine into any .NET based software on a SINGLE local network or webbing server with unlimited number of connections. Different editions such as Light, Standard, Professional and Enterprise allow choosing the most suitable solution for your business workflow.

XML2PDF Formatting Engine .NET API is also available for **redistributable purposes**. The special Redistributable (OEM) license allows embedding XML2PDF Formatting Engine into your own software and distributing it worldwide. Number of **copies is unlimited** and **no additional royalty** is required!