Essential PDF

A high-performance scalable component for the creation of Adobe PDF files

Syncfusion Essential PDF is a .NET library that can produce Adobe PDF files. It features a full-fledged object model for the easy creation of PDF files from any .NET language. Essential PDF does not use any external libraries and is built from scratch in C#. This component can be used on the server side (ASP.NET or any other environment) or with Windows Forms applications.

Essential PDF is available as a stand-alone product or as part of the Syncfusion Essential Studio package.

Features

Full-fledged PDF reporting
Essential PDF has support for creating PDF documents with advanced features such as attachments, security, compression, vector images, annotations, bookmarks, and hyperlinks.

Optimized for server use
Essential PDF is a pure .NET solution that is optimized especially for use within a server environment. It uses memory in an optimal manner and can be used to handle multiple requests with ease.

No Adobe Acrobat dependency
Essential PDF does not have any dependency on Adobe Acrobat to create the PDF files, so you will not incur expensive additional licensing costs. Everything you need to generate great looking PDF documents comes with this product. With Essential PDF you can start creating documents in minutes.

Security settings
Essential PDF provides support for setting the security of the PDF documents generated, ensuring that the end user is granted only the desired permissions when interacting with the PDF documents. Options to allow or disallow printing and copying, to restrict annotations, and to password-protect a document are all included.

Easy to use API
Essential PDF has a simple, yet powerful, object model that can be used to create richly formatted PDF reports. The Graphics class, which is the core of the object model that is used to draw contents on a PDF page, is modeled after the .NET Graphics class. Users who are familiar with the .NET Graphics class can start working with Essential PDF without any need for further education. Essential PDF also has native support for rendering any .NET Graphics object to a PDF file.

Essential PDF Features

Implementation

Versions	PDF files created can be viewed in all versions of Acrobat viewers
Object model	Extremely intuitive object model that ensures very quick learning
100% Managed code	Built from scratch in C#

Features

Document properties	Set document properties like author, creation date, etc.
Viewer preferences	Set document properties like hide MenuBar, hide WindowUI, etc.
Compression	Compression ensures smaller file sizes
Annotations	Insert annotations
Bookmarks	Insert bookmarks
Colors	Use web colors, RGB colors, CMYK Colors, and grayscales
Watermarks	Insert watermarks
Header / Footer	Set headers and footers
Page orientation	Set landscape or portrait orientations
Hyperlinks	Insert hyperlinks
Text rotation	Rotate text at the specified angle
Shapes	Draw shapes like line, rectangle, circle, arcs, pies, bezier curves, ellipses, etc.
Images	Supports BMP, GIF, TIFF, and JPEG formats
Soft masks	Apply soft masks
Streams	Save generated PDF documents to any IO stream
Transparent drawing	Draw transparent shapes and images
Unicode support	Create documents with Unicode content
Datatable	Import an ADO.NET data table with ease
Right to Left	Create documents with RTL support
Security	Lock documents with password
Vector images	Native support for EMF+ rendering

Implementation

Stream to browser	Stream created PDF file to browser clients

System requirements: Microsoft .NET framework 1.0 or later

Syncfusion™

www.syncfusion.com