

Foxit® WebPDF SDK

High Performance PDF Rendering through Web Browsers

Foxit WebPDF SDK is a software development kit that allows developers to provide PDF viewing through web browsers without requiring additional software downloads or installation. Since browsers are device-agnostic, end users can use any popular desktop or mobile device. The SDK provides the application with a convenient and secure way to provide end users access to the file on a server but still control viewing, annotation, printing, and other operations that can be performed on the file.



Key features of the Foxit WebPDF SDK include:

High Performance PDF Render – The core rendering technology of WebPDF SDK is based on Foxit's PDF engine, a trusted component of award-winning applications and the same technology that powers Google's open-source PDFium project. PDF rendering capabilities include:

- Industry's highest fidelity rendering
- User interfaces optimized for desktop and mobile device viewing
- A flexible API for developers to customize the interface of the WebPDF reader. (for more information, please refer to the Foxit WebPDF API reference guide)
- Go to page (with shortcut key support)
- Zoom in/out, fit width
- Check document properties
- Get and apply document restrictions
- Display bookmarks
- Thumbnail view of each page in the document
- Single/continuous page view, or full-screen view
- Page rotation
- Configure output image DPI per client display resolution

Text – Allows users to perform operations on the text content, including:

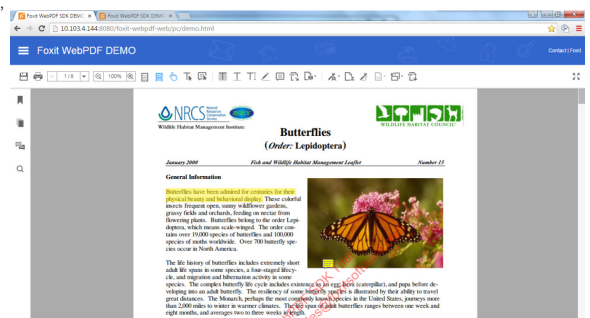
- Text copy and paste
- Text search

Annotations – Read and add comments to PDF documents, including:

- Display existing annotations
- Allows users to add or delete their own annotations – annotation types (including typewriter, note, pencil, highlight, and underline)
- Stamp content, as well as dynamic information (name, date, time) into a PDF document
- Change the color of the annotations
- List all the annotations in a panel and navigate through them

Watermarks – Display a watermark on selected PDF documents; watermarks can be configured for text, font, size, and color. Dynamic watermarks that display end-user information to protect against unauthorized picture-taking of secure documents.

Password protection – PDF password protection for secured PDF files.



foxit DATA SHEET

Singnature – APIs for developers to integrate third-party digital signatures, including normal signature, cross-page signature, and ink signature. Digital signatures work across all supported web browsers, and can also be validated by bundling with digital certificates.

- Sign one or multiple PDF pages with normal image signature
- Ink Signature (use mouse or stylus to capture your handwritten signature)

Form-filling – Allow users to fill out AcroForms in WebPDF Reader.

- Import/export PDF form data from/to local or server
- Support partial Javascripts which are calculation, validation and format.

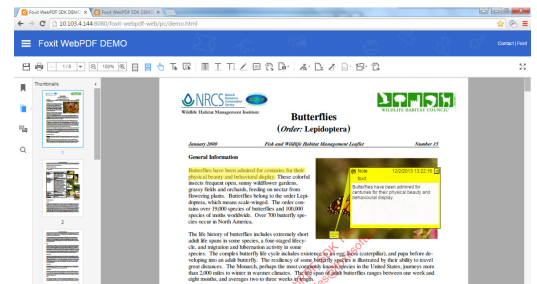
Print – Print the open PDF document. Users can print the PDF with annotations, and/or with watermark.

Enhanced security – Import user permissions from a 3rd-party system to set different functions for different users for each document. Allow some users to just view the document while letting others create annotations, for example.

Business Value

The Foxit WebPDF SDK is based on the Foxit Reader rendering engine, which shares the same underlying technology that powers Google's open-source PDFium project. It includes the industry's highest fidelity rendering, the ability to zoom in and out, and display bookmarks. Users can copy, paste, and search text content, in addition to reading and adding comments to the PDFs. Foxit also provides the option to add watermarks and password-protect documents to ensure the utmost security of their users' information.

The Foxit WebPDF SDK is a high-performance, cross-platform, client-independent solution that reduces developer costs, improves time to market, increases customer satisfaction, increased security/control of sensitive documents, and decreases costs through reduced support calls.



System Requirements

Windows

- Operating systems: Window 7, 8, 10, 2008 and 2012 (64 bit)
- Minimum processor: 8 core @3.6 GHz (recommended: 32 core @2.0 GHz)
- Minimum memory (RAM): 16 GB (recommended: 64 GB)
- Hard Disk Space: 500 MB for installation director, 10 GB for cache directory

Linux

- Operating systems: Linux CentOS (64bit) (tested on CentOS 7.2)
- Minimum processor: 8 core @3.6 GHz (recommended: 32 core @2.0 GHz)
- Minimum memory (RAM): 16 GB (recommended: 64 GB)
- Hard Disk Space: 500 MB for installation director, 10 GB for cache directory
- Foxit WebPDF SDK also provides docker image. Please find it at <https://hub.docker.com/r/foxitsoftware/webpdf/>.

Supported Browsers

- Chrome, Firefox, Safari, Microsoft Edge, Internet Explorer 11, 10, 9, and Opera

To learn more about Foxit WebPDF SDK, please contact Foxit at: www.foxitsoftware.com

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