



Adobe® PDF Library X SDK

When should I use the Adobe PDF Library software development kit (SDK)?

The Adobe PDF Library provides the core PDF manipulation functionality of Adobe Acrobat® software in an API format. It is suitable for embedding basic Acrobat functionality such as creating, editing, assembling, and printing PDF documents from within third-party applications. The PDF Library provides technology that can be fully integrated with another application. Use the Adobe PDF Library SDK when you need to integrate Adobe PDF functionality with your solutions in a client and/or server environment. The Adobe PDF Library does not provide access to extended Acrobat functionality such as digital signatures, annotations, or plug-ins. If you require these advanced features, use Acrobat instead. Developing with Acrobat requires users to have a copy of Acrobat on their computers. Whenever feasible and practical, you should use Adobe applications such as Adobe Acrobat, Reader® and LiveCycle® ES to support PDF capabilities in your solutions. To develop plug-ins for Acrobat and Reader, please use the Acrobat SDK.

Adobe also offers a range of enterprise solutions for streamlining document-based processes at www.adobe.com/enterprise.

How is using the Adobe PDF Library superior to developing my own PDF support?

The Adobe PDF Library helps remove the burden of understanding and maintaining support for the underlying PDF standard, allowing developers to focus their core competencies on building robust business solutions. PDF files created with PDF Library are high quality and standards based. The library can read any valid PDF file created by other sources, and it will remain current with future versions of the PDF specification. The SDK also provides rich support for the core PDF manipulation functionality in Acrobat. In short, Adobe PDF Library helps developers and enterprises save time and money.

What Adobe PDF functionality does the Adobe PDF Library provide?

The Adobe PDF Library provides access to a wide range of PDF functionality. The most commonly used functions are:

- Create
- Edit
- Assemble documents
- Use fonts
- Use forms
- Use layers
- Determine prepress workflows
- Print
- View and render
- Linearize and optimize
- Compress
- Extract content
- Search and index

Is there a new version of the Adobe PDF Library that matches the Acrobat X product line?

Yes. Adobe PDF Library X is based on the same underlying PDF technology and code base as the Acrobat X family of products. Additionally, PDF Library X can create and consume PDF 1.7, the version of PDF generated by Acrobat X.

What are the new features in Adobe PDF Library X?

Adobe PDF Library X supports the following major new features:

- Full compatibility with Acrobat X software
- Support for Linux 64-bit platform
- Leopard (Mac OS X v10.6) compliance
- Improved editing of PDFs and reduce content loss
- Better precision APIs while editing PDFs
- Rendering large pages with better precision
- Removed 27 spot color limitation in print workflow
- Improved print output to bring it closer to Acrobat

Is the Acrobat PDF Library freely available?

No. It is licensed to independent software vendors (ISVs), original equipment manufacturers (OEMs), systems integrators, and enterprise IT customers and partners. Pricing is based on a royalty model. For enterprise applications for internal use, pricing is based on the deployment configuration.

How do I get the Adobe PDF Library?

The Adobe PDF Library is available from Tech Soft 3D (www.techsoft3d.com) for CAD customers; EAST (www.est.co.jp) in Japan; or Datalogics, Inc. (www.datalogics.com) in North America, Europe, and the rest of the world. The first step in licensing the Adobe PDF Library is to complete the information request form available on the Adobe PDF Library web page at www.adobe.com/devnet/pdf/library.

Can I download a trial version of the Adobe PDF Library?

No. At present, no trial version is available for download. However, we would like to encourage interested developers to enter the Adobe PDF Library evaluation program. Evaluation copies of the Adobe PDF Library are provided under specific evaluation agreement as part of the licensing process. Please fill out the information request form at www.adobe.com/devnet/pdf/pdfs/adobepdfflform.pdf if you are interested.

Can I use the Adobe PDF Library with server-based applications?

Yes. The Adobe PDF Library is an ideal solution for integrating PDF capabilities with server applications. Using the Adobe PDF Library, your applications can dynamically generate, access, manipulate, and print Adobe PDF documents in server environments. An application developed using the Adobe PDF Library can run without Acrobat or any other Adobe products.

I have developed a plug-in for Acrobat X. Can I use it in a server environment?

You must have Acrobat X running in order to run the plug-in. Generally speaking, Acrobat cannot be used on a server. Please refer to the Acrobat X End-User License Agreement to review license restrictions on using Acrobat X in a server environment.

Can I use my Acrobat/Reader plug-in with PDF Library?

No. The PDF Library SDK does not support Acrobat/Reader plug-ins.

Can I use the Adobe PDF Library in a multi-threaded environment?

Yes. Applications can safely use the Adobe PDF Library in multi-threaded environments. The library also has excellent memory management capabilities and an in-memory file system for high-volume PDF processing applications.

What platforms are supported by the Adobe PDF Library X SDK?

The Adobe PDF Library X SDK is available on a wide range of platforms, including Microsoft® Windows (32- and 64-bit), Mac OS (32- and 64*-bit), Sun™ Solaris™* (SPARC® 32- and 64-bit, x86 32- and 64-bit), Linux® (32- and 64-bit), IBM® AIX®* (32- and 64-bit), HP-UX® (Itanium 32- and 64-bit, PA-RISC 32- and 64-bit), SGI™ IRIX™*

* Available from Datalogics

Can I use the Adobe PDF Library to convert Microsoft Office documents, such as Word and Excel, to Adobe PDF?

The Adobe PDF Library does not offer the ability to convert Office documents to Adobe PDF. You need to use Acrobat X software.

Can I use the Adobe PDF Library to generate Adobe PDF output from my application?

If you have layout and source data for output pages, you can output Adobe PDF files using the Adobe PDF Library by creating the PDF objects directly.

How much does the Adobe PDF Library cost?

Pricing is royalty based and dependent on the Adobe PDF Library functionality used by your application. For enterprise IT customers, pricing is based on the deployment configuration.

Is developer support available? If so, what does it cost?

Yes. The Adobe PDF Library is fully supported by Adobe, with dedicated support teams. Support and maintenance fees are paid at the same time as your licensing fees. In addition, Adobe ships new maintenance releases on a regular basis and provides major feature releases synchronized with major Acrobat releases and revisions of the Adobe PDF specification. As with license fees, support fees are based on the number of platforms/servers licensed.

What documentation is available for the Adobe PDF Library?

Adobe provides extensive documentation for licensed Adobe PDF Library users, including an *Adobe PDF Library Overview*, *Acrobat and PDF Library API Reference*, and *PDF Reference for PDF version 1.7*. These and other documents can be found at http://livedocs.adobe.com/pdf_sdk/10/PDFL_SDK10_HTMLHelp/index.html.

What fonts can I embed using the Adobe PDF Library?

The Adobe PDF Library provides full support for embedding and subsetting TrueType, Type 1, and OpenType® fonts. Single-byte, double-byte, and Unicode font support allows third-party applications to be localized in a broad range of languages, including Arabic, Chinese, Cyrillic, Hebrew, Japanese, and Korean.



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