

PDFlib, PDFlib+PDI, PDFlib+PDI, Personalization Server 7



What is PDFlib?

PDFlib is the leading developer tool for generating PDF documents. It is available for Windows, Mac OS, Linux and Unix. PDFlib is a 32-bit application. PDFlib is available on a Web server or any other server system and is engine- and OS-independent. PDFlib is available on a Web server or any other server system and is engine- and OS-independent. PDFlib is available on a Web server or any other server system and is engine- and OS-independent.

The PDFlib Product Family

- PDFlib: The leading developer tool for generating PDF documents.
- PDFlib+PDI: The leading developer tool for generating PDF documents with embedded PostScript content.
- PDFlib+PDI: The leading developer tool for generating PDF documents with embedded PostScript content.

Benefits of using PDFlib Software

- PDFlib+PDI: The leading developer tool for generating PDF documents with embedded PostScript content.
- PDFlib+PDI: The leading developer tool for generating PDF documents with embedded PostScript content.

PDFlib+PDI

PDFlib+PDI is a 32-bit application. PDFlib+PDI is available on a Web server or any other server system and is engine- and OS-independent.


PDFlib+PDI

PDFlib+PDI is a 32-bit application. PDFlib+PDI is available on a Web server or any other server system and is engine- and OS-independent.

Feature Overview of the PDFlib 7 Suite

<p>PDF Output</p> <p>PDF documents of arbitrary length, directly to memory (for Web servers) or on-disk file. Supported raster and font features to create pages out of order.</p> <p>PDF Drivers</p> <p>PDF is a 32-bit compatibility with Acrobat 4.0. Supported PDFlib, PDFlib+PDI, PDFlib+PDI.</p> <p>PDF Input</p> <p>Import pages from existing PDF documents (only PDFlib+PDI and PDFlib+PDI). PDF documents for printing details. All supported PDF documents.</p> <p>Blocks</p> <p>PDFlib Block pages for creating PDFlib+PDI documents. PDFlib Block pages for creating PDFlib+PDI documents.</p> <p>Graphics</p> <p>Common vector graphic primitives. Lines, curves, arcs, rectangles, etc. Smooth shading (linear, radial, pattern fills, and colors). Transparency (opacity) and blend modes.</p> <p>Fonts</p> <p>TrueType, PostScript Type 1, and PostScript Type 3 fonts. PDFlib and PDI, plus (optional) the Mac OS X fonts (PDFlib+PDI) with font support on the Mac OS X platform.</p> <p>Text Output</p> <p>Text output to different fonts, embedded, centered, and justified text. Graphics for a font can be assigned by numerical value, Unicode value, or glyph name. Kerning for improved character spacing.</p> <p>Interactive Elements</p> <p>PDFlib+PDI supports PDFlib+PDI documents with interactive elements. PDFlib+PDI supports PDFlib+PDI documents with interactive elements.</p> <p>Color</p> <p>Color management with ICC profiles. Color management with ICC profiles.</p>	<p>Color Management</p> <p>ICC-based color with ICC profiles. Color management with ICC profiles.</p> <p>Prepress</p> <p>Generate output conforming to PDFlib, PDFlib+PDI, and PDFlib+PDI. Copy output raster from imported PDF documents (PDFlib+PDI and PDFlib+PDI).</p> <p>Formating</p> <p>Generate output conforming to PDFlib, PDFlib+PDI, and PDFlib+PDI.</p> <p>Security</p> <p>PDFlib+PDI supports PDFlib+PDI documents with security features. PDFlib+PDI supports PDFlib+PDI documents with security features.</p> <p>Metadata</p> <p>PDFlib+PDI supports PDFlib+PDI documents with metadata. PDFlib+PDI supports PDFlib+PDI documents with metadata.</p> <p>Programming</p> <p>PDFlib+PDI supports PDFlib+PDI documents with programming. PDFlib+PDI supports PDFlib+PDI documents with programming.</p>	<p>Supported Development Environments</p> <p>PDFlib is available in a wide range of development environments. PDFlib is available in a wide range of development environments.</p> <p>Licensing</p> <p>PDFlib offers various licensing options for server licenses, integration and site licenses, and source code licenses. Support contracts for extended technical support for short response times and fee options are also available.</p> <p>About PDFlib GmbH</p> <p>PDFlib GmbH is a 32-bit application. PDFlib GmbH is available on a Web server or any other server system and is engine- and OS-independent.</p> <p>PDFlib GmbH</p> <p>PDFlib GmbH is a 32-bit application. PDFlib GmbH is available on a Web server or any other server system and is engine- and OS-independent.</p>
--	--	--

PDFlib TET 3 Text Extraction Toolkit



What is PDFlib TET?

PDFlib TET is a 32-bit application. PDFlib TET is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib TET Features

- PDFlib TET: The leading developer tool for generating PDF documents.
- PDFlib TET: The leading developer tool for generating PDF documents.


PDFlib TET

PDFlib TET is a 32-bit application. PDFlib TET is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib TET

PDFlib TET is a 32-bit application. PDFlib TET is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib PLOP 4 PDF Linearization, Optimization, Protection



Many Ways to use TET

PDFlib TET is available as a programming library (compiled for various development environments) and as a command-line tool for batch operations. Both offer similar features.

Benefits of using PDFlib Software

- PDFlib+PDI: The leading developer tool for generating PDF documents with embedded PostScript content.
- PDFlib+PDI: The leading developer tool for generating PDF documents with embedded PostScript content.


PDFlib PLOP 4

PDFlib PLOP 4 is a 32-bit application. PDFlib PLOP 4 is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib PLOP 4

PDFlib PLOP 4 is a 32-bit application. PDFlib PLOP 4 is available on a Web server or any other server system and is engine- and OS-independent.

A detailed look at TET Features



Unique TET Advantages

- PDFlib TET: The leading developer tool for generating PDF documents.
- PDFlib TET: The leading developer tool for generating PDF documents.

Shadow and artificial text detection

PDFlib TET is a 32-bit application. PDFlib TET is available on a Web server or any other server system and is engine- and OS-independent.

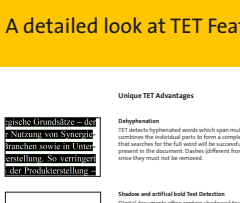
Lightners

PDFlib TET is a 32-bit application. PDFlib TET is available on a Web server or any other server system and is engine- and OS-independent.

Image Mapping

PDFlib TET is a 32-bit application. PDFlib TET is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib PLOP 4 PDF Linearization, Optimization, Protection



PDFlib PLOP 4

PDFlib PLOP 4 is a 32-bit application. PDFlib PLOP 4 is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib PLOP 4

PDFlib PLOP 4 is a 32-bit application. PDFlib PLOP 4 is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib PLOP 4 PDF Linearization, Optimization, Protection




PDFlib PLOP 4

PDFlib PLOP 4 is a 32-bit application. PDFlib PLOP 4 is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib PLOP 4

PDFlib PLOP 4 is a 32-bit application. PDFlib PLOP 4 is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib+PDI




What is PDFlib+PDI?

PDFlib+PDI is a 32-bit application. PDFlib+PDI is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib+PDI

PDFlib+PDI is a 32-bit application. PDFlib+PDI is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib+PDI



What is PDFlib+PDI?

PDFlib+PDI is a 32-bit application. PDFlib+PDI is available on a Web server or any other server system and is engine- and OS-independent.

PDFlib+PDI

PDFlib+PDI is a 32-bit application. PDFlib+PDI is available on a Web server or any other server system and is engine- and OS-independent.



What is PDFlib pCOS?

PDFlib pCOS provides a simple and elegant facility for retrieving any information from a PDF document which is not part of the page contents. For example, PDF metadata, reference streams, links etc. Long page dimensions can easily be queried with pCOS.

With pCOS you can extract a variety of interesting items and create output for alternative purposes by processing multiple PDF documents with a single call. You can easily create summary reports of documents and generate page contents files of any other property. Combined with the rich output this provides a powerful PDF administration tool.

There are many every-day pCOS applications for PDF practitioners, but you can also use PDFlib pCOS as a tool for hunting or debugging PDF. Here are some typical examples:

- Check incoming documents for prohibited content
- Check PDFs for security problems and active content (Java, Script etc.)
- Check documents for quality assurance before publication
- Identify problem files in a large collection
- Create property summaries for document management
- Learn details of PDF data structures

PDFlib pCOS Features

Supported Input

- PDFlib pCOS supports all relevant flavors of PDF input:
- All PDF versions up to PDF 1.2 (Acrobat 8)
- ICC and RGB colorspaces (conversion may be required)
- Sophisticated security models even if you don't know the password. You can query certain pieces of information as long as this doesn't violate the document author's intentions.
- Damaged PDF input documents will be repaired if possible

Information Retrieval

PDFlib pCOS offers a simple query interface, without the need for low-level device programming. With PDFlib pCOS you can extract a variety of interesting items, such as:

- Document information and XMP metadata

- General information (timestamp and tagged PDF status, encryption details and permission settings, number of pages and fonts)
- All fonts with their name, embedding status, etc.
- Images with info, bit depth, color space, compression, etc.
- Color space details for all PDF color variations
- Target CIE and coordinates of media files
- All bookmarks, along with the corresponding page numbers, e.g. to create a table of contents
- Form field data, list field names, contents, position, etc.
- Page size, CropBox, page rotation
- Tables of PDF links and PDF to untagged files
- List or extract file attachments
- List or extract the attachments
- Annotation details
- List all comments along with the document's name
- Digital signature details, name of signature field(s), signed/unsigned, name of object data and list of signers
- Extract CC output intent profiles from PDF/A files
- List PDFlib block properties
- List/extract an document, page, annotation, or field list

Output Formats

- PDFlib pCOS can create output for different purposes:
 - Plain text output
 - Tabular output for processing with a spreadsheet/database
 - Binary data files (e.g. CC profiles or file attachments)
 - Unicode text output in UTF-8 or UTF-16 formats
 - Non-unicode output formats for custom post-processing

pCOS Paths - Simple Queries for PDF Objects

Instead of getting bogged down by complex tree structures, e.g. for bookmark or font fields, you can easily access PDF objects by using the simple pCOS path syntax. It offers convenient shortcuts for accessing commonly used PDF objects, such as pages, fonts, bookmarks, form fields etc.

pCOS Library or Command-Line Tool?

pCOS is available as a programming library component for various development environments, and as a command-line tool for batch operations. Both offer similar features, but are suitable for different deployment tasks.

The pCOS programming library is used...

...for integration into desktop or server applications, examples for using the library with all supported language bindings are included in the pCOS package. A variety of additional examples is available in the pCOS Cookbook on the PDFlib Web site.

The pCOS command-line tool is used...

- For batch processing PDF documents. It doesn't require any programming, but offers powerful command-line options which can be used to integrate it into complex workflows. The pCOS command-line tool extends the features of the library.
- Simple retrieval of common PDF elements, such as bookmarks, annotations, metadata, form fields, etc.
- Extended mode for querying more complex objects and customizing the output format
- Extract data items such as file attachments, ICC profiles, etc.
- Link information as comma-separated values or user-defined format for import into a spreadsheet or database
- Recursive feature for displaying complete PDF objects, such as dictionaries and arrays

Supported Development Environments

PDFlib pCOS is environment-independent, practically all computing platforms are offered variants for all common flavors of Windows, Mac OS X and Linux.

The pCOS code is written in highly optimized C code for maximum performance and thread overhead. As a simple API (Application Programming Interface) the pCOS functionality is available from a variety of development environments:

- COM for use with VB, ASP, and many other languages
- C and C++
- Java, including servlets and Java Application Server
- NET for use with C#, VB.NET, ASP.NET, etc.
- Perl
- PHP

Licensing

We offer various licensing programs for server licenses, integration and site licenses, and source code licenses. Support contracts for extended technical support with short response times and free updates are also available.

Benefits of using PDFlib Software

Rock-solid Products

Over 100,000 developers worldwide are working with our software. PDFlib meets all quality and performance requirements for server deployment. All PDFlib products are suitable for robust 24x7 server deployment and unattended batch processing.

Speed and Simplicity

PDFlib products are incredibly fast - up to thousands of pages per second. The programming interface is straightforward and easy to learn.

PDFlib All over the World

Our products support all international languages as well as Unicode. They are used by customers in all parts of the world.

Professional Support

If there is a problem, we will try to help. We offer commercial support to meet the requirements of your business-critical applications. By adding support you will have access to the latest versions, and have guaranteed response times should any problems arise.

About PDFlib GmbH

PDFlib GmbH is completely focused on PDF technology for software developers. Customer worldwide use PDFlib products since 1997. The company closely follows development and market trends, such as ISO standards for PDF (PDFlib GmbH products are distributed all over the world with major markets in North America, Europe, and Japan.



Contact

Fully functional evaluation versions including documentation and samples are available on our Web site for more information. Contact details:
PDFlib GmbH
Friedrich-Str. 109, D-81933 München, Germany
phone: +49 89 452 13 8-9
fax: +49 89 452 13 8 999
sales@pdflib.com
www.pdflib.com

©2004-2007