What is PDFlib PLOP?

PDFlib PLOP (PDF Linearization, Optimization, Protection) offers a straightforward way to linearize and optimize your PDF files for fast Web delivery. In addition, you can apply or remove Acrobat security features to your PDFs.

With PDFlib PLOP you can:

▶ Linearize dynamic PDF contents for page-at-a-time download from a Web server

▶ Add PLOP to your dynamic PDF generation to create linearized and small PDF documents on the fly

▶ Read and/or modify document info fields

▶ Secure document delivery to closed user groups

▶ Customer-specific encryption for statement processing

▶ Batch-encrypt existing PDFs, e.g. to increase key lengths

Benefits of using PDFlib Software

Rock-solid Products

Tens of thousands of programmers 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's 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.

PDFlib PLOP Features

Linearization

With PDFlib PLOP you can linearize a PDF document for fast delivery over the Web (byteserving). Byteserving increases the perceived download speed since the first page is already visible while the remainder of the document is downloaded in the background.

Optimization

PLOP can significantly reduce the file size of a PDF document without affecting quality. It achieves this by removing unnecessary or redundant identical objects, such as repeatedly embedded fonts, images, identical ICC color profiles, etc.

Protection

PLOP can apply user and master passwords, and set access permissions to prevent the document from being printed with Acrobat, disallow text extraction or modification, etc.

PLOP uses 40-bit or 128-bit encryption keys. 128-bit keys have been introduced in Acrobat 5, and are considered secure.

Using PLOP's protection features you can:

▶ Encrypt a PDF document with user or master password, or both

▶ Remove PDF encryption, provided you know the document's master password

▶ Add or remove permission settings, e.g. »printing not allowed« or »text extraction not allowed«, provided you know the document's master password

▶ Query information about the security status (encrypted with user or master password), encryption scheme (Acrobat standard security, WebBuy, etc.), permission settings, and document info fields

▶ Modify document info fields

PLOP Library or Command-Line Tool?

PLOP 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 PLOP programming library is used...

...for integration into your desktop or server application. Examples for using the library with all supported language bindings are included in the PLOP package.

The PLOP command-line tool is suited...

...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 PLOP command-line tool can also be called from environments which do not support the use of the PLOP library.

Supported Development Environments

PDFlib PLOP is everywhere – it runs on practically all computing platforms. We offer variants for all common flavors of Windows, Mac OS, Linux and Unix, as well as for IBM eServer iSeries and zSeries mainframes.

The PLOP core is written in highly optimized C code for maximum performance and small overhead. Via a simple API (Application Programming Interface) the PLOP functionality is accessible from a variety of development environments:

- ► COM for use with VB, ASP, Borland Delphi, etc.
- ► C
- ► Java, including servlets and Java Application Server
- ► .NET for use with C#, VB.NET, ASP.NET, etc.
- ► Perl
- ► PHP hypertext processor
- ► RPG (IBM eServer iSeries)

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.

About PDFlib GmbH

PDFlib GmbH is completely focused on PDF technology. PDF development is what we have been doing since 1997, and all our products are related to PDF. We have long-time experience and can afford to research even the tiniest detail related to PDF. Our products are distributed all over the world with major markets in North America, Japan, and Europe.

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