

## PRESS RELEASE

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**Munich, October 26, 2007.** PDFlib GmbH released version 2.0 of PDFlib pCOS, the PDF Information Retrieval Tool. In addition a new pCOS Cookbook with many code samples facilitates retrieving a variety of interesting objects from a PDF document.

**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, interactive elements (links etc.), or page dimensions can easily be queried with pCOS. With pCOS you can extract a variety of interesting items and create output for different purposes. By processing multiple PDF documents with a single call you can easily create summaries of document info entries, page formats, fonts, or any other property. Combined with tabular 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 learning or debugging PDF. Here are some typical scenarios:

- ▶ Check incoming documents for predefined criteria
- ▶ Check PDFs for security problems and active content (JavaScript 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

**pCOS Cookbook.** The new pCOS Cookbook is a collection of coding samples, which gives developers numerous examples how to make the most of pCOS' powerful features.

The download package of the Cookbook additionally contains an Eclipse project file that allows the direct import of the Cookbook into the widely used Eclipse environment for Java developers. The Cookbook is a collection of PDFlib coding fragments for solving specific problems. It is maintained as a growing list of sample programs. Cookbook topics are written in the Java language, but can easily be ported to other programming languages since the pCOS API is identical for all supported language bindings.

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

- ▶ Document info entries and XMP metadata
- ▶ General information: linearization and tagged PDF status, encryption details and permission settings, number of pages and fonts
- ▶ All fonts with their name, embedding status, etc.
- ▶ Images with size, bit depth, color space, compression, etc.
- ▶ Color space details for all PDF color variations
- ▶ Target URLs and coordinates of Web links
- ▶ All bookmarks along with the corresponding page numbers
- ▶ Form field data: full field names, contents, position, etc.
- ▶ Page size, CropBox, page rotation
- ▶ Status of PDF/X and PDF/A compliant files
- ▶ List or extract file attachments
- ▶ Layer names, page labels, article threads
- ▶ Annotation details
- ▶ List all comments along with the reviewer's name
- ▶ Digital signature details: name of signature field(s), signed/unsigned, name of signer, date and reason of signature
- ▶ Extract ICC output intent profiles from PDF/X or PDF/A files
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