

Datalogics PDF Java Toolkit

The Datalogics PDF Java Toolkit is core technology from Adobe and powers much of its server-based PDF and forms functionality.

Overview

The Datalogics PDF Java Toolkit is a Java API, developed and refined for years at Adobe Systems, and is now available to application developers and systems integrators exclusively through Datalogics. It allows the proven functionality of Adobe PDF and forms capabilities to be embedded within your custom application to automate business workflows.

PDF Forms Support

PDF Java Toolkit includes the most comprehensive support available for working with all PDF form types: AcroForm, Dynamic XFA, and Static XFA. Use high level classes to simplify the process of:

- Importing data to AcroForms and XFA forms
- Exporting data from AcroForms and XFA forms
- Flattening AcroForms

Digital Signatures

Sign or certify PDF files or validate signed PDF documents. Create digital signatures compliant with PDF Advanced Electronic Signatures (PAdES).

Additional Functionality

PDF Java Toolkit provides a broad range of functionality for working with PDF files, including:

- PDF creation and manipulation
- Text, image and data extraction
- Java filestream support for improved performance
- Rich text string formatting
- PDF Portfolios and PDF Packages

- Import and export of bookmarks and annotations in XML format
- Create PDF/A compliant documents

Reader Enablement

Reader Enablement opens up additional functionality within the free Adobe Reader to your users allowing them to:

- Save forms data locally
- Import or export form data

- Create or modify annotations
- Apply digital signatures
- Dynamically embed data in a 2D barcode
- Integrate with SOAP-based web services

Which Java-based PDF toolkit is right for you?

Datalogics offers two Java-based PDF toolkits for software developers: the Adobe PDF Library (PDFL), the core API underlying the Adobe Acrobat family of products which includes a java interface; and the PDF Java Toolkit, which is a native Java SDK. Each SDK offers its own set of functionality. Refer to the table below for details, or contact us to discuss your requirements in a free consultation.

FUNCTIONALITY	PDFL	PDFJT
General Attributes		
Pure Java Implementation	No	Yes
PDF Capabilities: General		
Print PDFs	Yes	No
Render PDFs	Yes	No
Color convert PDFs	Yes	No
Text extraction	Yes	Yes
PDF/A conversion	Yes	Yes
PDF/A validation	No	Yes
PDF portfolio support	Yes	Yes
PDF forms support		
AcroForm creation support	No	Yes
Access AcroForm element information	Yes	Yes
Export AcroForm data as FDF file	No	Yes
Import FDF data file into AcroForm	No	Yes
Generate static XFA form appearances	No	Yes
Generate dynamic XFA form appearances	No	No
Flatten static XFA forms	No	Yes
Generate AcroForm appearances	No	Yes
XFA form access and change	No	Yes
AcroForm access and change	Yes	Yes
Annotation support		
Annotation creation in PDF files	Yes	Yes
Annotation information access	Yes	Yes

FUNCTIONALITY	PDFL	PDFJT
Digital signature support		
Digitally sign PDF files	No	Yes
Validate digitally signed PDF files	No	Yes
Create Long-Term Validation digital signatures	No	Yes
Remove digital signatures from PDF files	Yes	Yes
Create PAdES compliant digital signatures	No	Yes
PDF security and encryption		
Encrypt and decrypt PDF files	Yes	Yes
Password protect PDF files	Yes	Yes
Restrict PDF editing and printing capabilities	Yes	Yes
Remove passwords from PDF files	Yes	Yes
Supports both owner and user passwords	Yes	Yes
PDF creation and editing		
Add text to PDF files	Yes	Yes
Insert images into PDFs	Yes	Yes
Edit PDF page contents	Yes	Yes
Rich text placement	No	Yes
Watermark PDF pages	Yes	Yes
Create PDFs from XPS files	Yes	No
Merge PDF pages and files	Yes	Yes
Extract images from PDFs	Yes	Yes
Reader Enablement		
Reader Enable PDF files	No	Yes
Remove Reader Enablement from PDF files	Yes	Yes

Availability

The PDF Java Toolkit is available to OEMs, ISVs, systems integrators, and enterprise IT customers and partners through a license agreement. To discuss pricing with a Sales Representative, please fill out our 'Contact Us' form on our website or email info@datalogics.com

Support

Full developer support is available for all PDF Java Toolkit licensees. PDF Java Toolkit maintenance updates are released on a regular basis and are available to all current licensees under a maintenance plan.

For more information

For more details about the PDF Java Toolkit, including our interactive forms detector, please visit our product web page at datalogics.com