

pdfDebug

an iText 7 add-on



pdfDebug

The Strength Of Structure

pdfDebug allows you to view your PDF file's internal content structure. Content streams and allows you to browse the document in a logical manner – as it is being created. One of pdfDebug's most conspicuous features is that you can make it a seamless part of your integrated development environment (IDE). With a clear debugging overview, you can quickly locate and fix bugs in your content streams or data structure right at the source without requiring frustrating and time-consuming searches.

An Illuminating Insight

iText 7 helps you create structured PDF documents that allow for embedding rich content and metadata, and pdfDebug helps you visualize these structures while iText is building them. Shedding light on your internal document structure helps improve your organization and programming skills and will make you more familiar with the logic of PDF. When you're making PDF files and an error occurs, tracing where the problem is located can be hard. That's why iText has developed the pdfDebug add-on, the first of its kind for PDF.

Key Advantages

- First tool of its kind
- Integrated into your own development environment
- Saves time by letting you catch and correct bugs quickly
- Reflects the internal logic and structure of your documents



How Does It Work?

pdfDebug integrates with your IDE* to allow deep inspection of your document as you create it. You can see, in real time, the results of your document processing instructions, allowing you to clearly see if anything goes wrong as it's happening. In addition, pdfDebug visualizes your document in a clean tree structure, which allows you to see the file's objects, components, and their relationships.

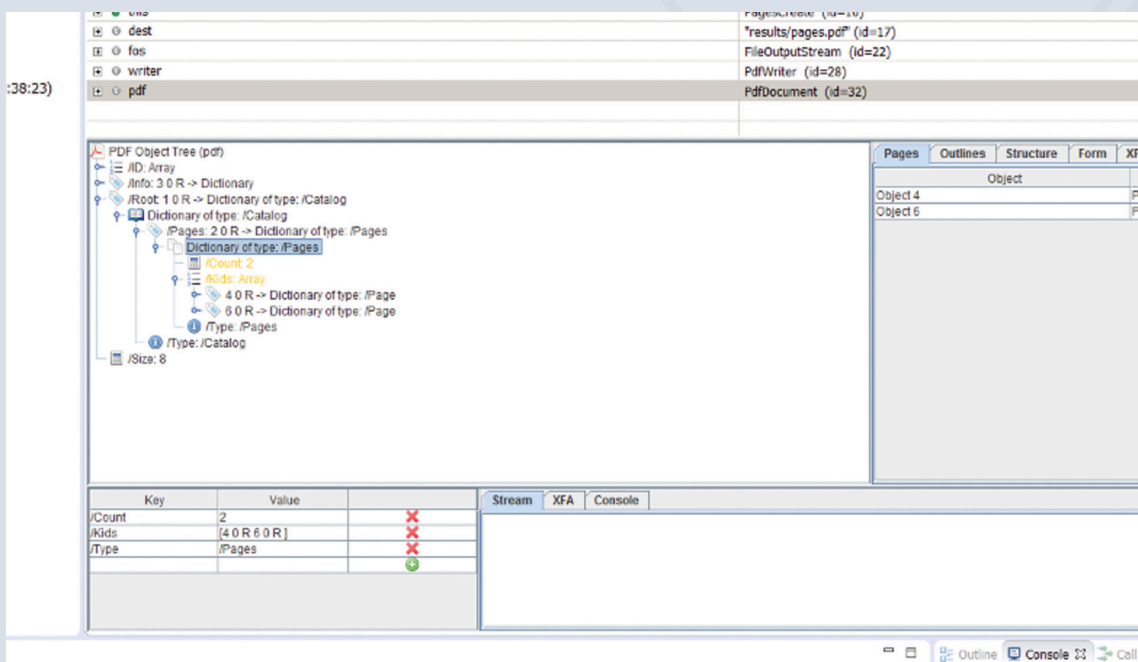
**Contact us to see what IDEs are available now!*



Example

Program PDF better with crystal-clear structure views

iText 7's pdfDebug gives you a clear hierarchical visualization of your PDF document.



The screenshot displays the pdfDebug interface. At the top, a list of objects is shown with their IDs and types. Below this is the 'PDF Object Tree (pdf)' which provides a hierarchical view of the document's structure. The tree shows the following structure:

- /Root: 1 0 R -> Dictionary of type: /Catalog
 - /Pages: 2 0 R -> Dictionary of type: /Pages
 - Dictionary of type: /Pages
 - /Count: 2
 - /Kids: Array
 - 4 0 R -> Dictionary of type: /Page
 - 6 0 R -> Dictionary of type: /Page
 - /Pages
 - /Type: /Catalog

At the bottom of the interface, a table displays the properties of the selected object (ID 2):

Key	Value	
/Count	2	✗
/Kids	[4 0 R 6 0 R]	✗
/Type	/Pages	✗
		✓