



## What is iText pdfRender?

**pdfRender** is an iText 7 Core add-on that renders images from PDFs. The resulting files can then be used to ensure compatibility with archival and legacy workflow requirements, or to reduce size and memory usage. pdfRender is a fast

and convenient way to convert PDFs to images, and its simple set-up makes it easy to automate; handy for enterprise usage when many thousands of PDF to image conversions are needed.



**Smart tip:** You can use pdfRender to generate image thumbnails for PDFs, or to easily display a PDF on a mobile device.

## How does iText pdfRender work?

With just a few lines of code, as shown in our example here. You can choose your desired output from a range of supported image formats, whether you need high-quality renders or just a quick thumbnail image.

The code below takes a PDF file as input and produces a visually equivalent set of JPEG images. Use pdfRender to images of book covers for instance, or quickly display bank statements, legal documents, contracts, templates and much more.

```
public void render() throws IOException {  
    final RenderingProperties properties = new RenderingProperties();  
    properties.setImageType(PdfRenderImageType.JPEG);  
    PdfToImageRenderer.renderPdf(new File(ORIG), new File("out/"), properties);  
}
```

*Java code example*

```
pdfrender --pdf ORIG.pdf --out-dir out/ --type jpeg
```

*CLI code example*



**Smart tip:** Combining pdfRender and pdfXFA allows you to view rendered PDFs from dynamic forms.



## Features



### Output types: BMP, JPEG, JPEG 2000, PNG, TIFF, WEBP

Display PDF files in various image file formats, simple or complex. For instance, you can render a single page or multiple pages of a PDF into an image.



### Full PDF specification support

As iText is in the forefront of PDF specification support and development, we support all the newest and coolest specifications, such as PDF 2.0, Forms (AcroForms & XFA), PostScript and OpenType fonts.



### Pixel-perfect conversion

The best possible image output quality with control over the image type, page scaling and range.



### Easily display digital signatures

Allows you to display a digitally signed PDF as easily as displaying an image.



### Mobile-friendly PDF viewing

Display a PDF on a mobile device (or any platform) without needing to install a PDF reader.



### Generate PDF file previews & thumbnails

For use in file management applications, document management systems etc.



As pdfRender is an iText 7 add-on, you also get all the benefits and features of iText 7 Core.

## We're also developers!

In our 20 years of code, we know how important it is to have good documentation, and good processes in place. You can always find comprehensive documentation and code examples online. Commercial customers can also count on our world-class in-house customer support, offering direct access to expert assistance from our development team.

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