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Generate thumbnails from PDFs in Java



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This guide shows how to use a scaled page render to create a thumbnail image.

Render a page to scale

Creating a thumbnail uses the same method that's used to render a page.

Using `PdfPage.renderPage`, pass the dimensions (in pixels) of the thumbnail to `renderPage`. For example, for a 50×50-pixel thumbnail, do the following:

```
final PdfDocument document = PdfDocument.open(new FileDataProvider(new File("docu
final PdfPage page = document.getPage(0);
BufferedImage bitmap = page.renderPage(50, 50);
```

Saving a bitmap to a file

`renderPage` returns a native Java `BufferedImage` object. Saving it out as a PNG, for example, would look like this:



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```
final BufferedImage bitmap = page.renderPage();  
final File file = new File("out/test.png");  
final boolean written = ImageIO.write(bitmap, "png", file);
```

Was this helpful?

✓ YES

✗ NO



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