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This article lists some of the leading Java libraries that support the conversion of DOCX to PDF with Java. Word DOCX is converted to a PDF or DOC in a PDF thousands of times a day. Many people prefer to use the online DOCX for the PDF converter while others, especially developers, want to do implement their own DOCX for the PDF converter. For Java developers, there are a variety of options available in the form of standalone Java libraries that provide an excellent, high-quality conversion of Word documents to PDF. They can choose the one that seems most appropriate and give the best results for their documents. Here's a list of libraries you can use to convert DOCX into a Java PDF. Transforming DOCX into PDF with Aspose.Words for Java Aspose.Words for Java is a well-known library that supports the conversion of Word DOCX to PDF. The JAR file can be downloaded to the library from the Aspose website. Or, you can get it from your official repository using Maven. 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As a result of these individual strengths and weaknesses, the transformation between the two formats remains very necessary and often crucial in many cases. While it may be a simple issue for manually converting a handful of DOCX files into PDF format, this is certainly not the case when a more automatic approach is required. Approaching this transformation from a software point of view, there are many problems that need to be addressed. Our main problem is to parse the DOCX file from the beginning. The main reason for this is that DOCX is extremely complex. ECMA specifications for this format include a staggering 5,000 pages, with new features added regularly. Once again, the sheer depth of choice in DOCX comes back as a two-pointed sword. the problem is that DOCX files are actually zipped by archives containing multiple metadata and document files. Sorting Sorting between these files using rels is certainly not an easy task. And we still haven't even considered converting all of these disassembled data into a final PDF. Let's assume that you don't have the time to develop or budget to grind through this whole process from scratch. This tutorial will show you how to solve this dilemma with a cloud API to do our transformation from DOCX to PDF. We'll also cover how to use this API to search and replace operations on DOCX files. Doing search and replacing software for the DOCX file is actually surprisingly difficult, working directly into previously mentioned analysis issues. Fortunately, our API can do this for us as well. Putting all of this together will allow us to use DOCX editing capabilities to easily create rich text templates for reports, invoices, emails, etc., fill them with search and replacement, and then convert them into a PDF format. In this way, we can use the strengths of DOCX to compensate for the lack of editing options in the PDF. 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