

# PDFBox - Redistribution

Java PDF Library, pdfbox

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## 1. Redistributing PDFBox

PDFBox makes use of several open source libraries. Some are just required for building PDFBox, some are required for running PDFBox. The below table summarizes the licences that are included with PDFBox and when they are required.

Product	Used for	Required for PDFBox redistribution
Adobe AFM	Resource files for extracting font encoding. Bundled inside the PDFBox jar file	Yes
ant	Tool for building PDFBox	No
bouncycastle	Encryption libraries for encrypting/decrypting PDF documents	Yes
Checkstyle	Build tool to verify code style compliance	No
FontBox	Font Library	Yes
IKVM	Library for .NET version of PDFBox	Only if using .NET version(the DLLs in /bin) of PDFBox
junit	Testing framework used in development	No
JempBox	Library for working with XMP metadata.	Yes
lucene	Text search engine library. PDFBox provides simple integration with Lucene.	Optional, only if using Lucene
JAI-CMM	ICC Color profile resources, bundled in PDFBox jar file	Yes