

Java PDFTools (jpdfutils.jar) Command Line comes with a series of command line utilities. They are available as standard Java applications, you can use these PDF Tools to process your PDF files on Windows, Mac and Linux systems easily.



Java PDFTools (jpdfutils.jar) Command Line Home Page:

<https://veryutils.com/java-pdfutils>

Java PDFTools (jpdfutils.jar) Command Line Tools:

Decrypt

Encrypt

ExtractText

OverlayPDF

PDFDebugger

PDFMerger

PDFSplit

PDFToImage

PrintPDF

TextToPDF

WriteDecodedDoc



Decrypt

This application will decrypt a PDF document.

NOTE: You must have the owner password to decrypt the document!

usage: java -jar jpdfutils.jar Decrypt [OPTIONS] <inputfile> [outputfile]

Command Line Parameters:

-password: Password to the PDF or certificate in keystore.

-keyStore: Path to keystore that holds certificate to decrypt the document. This is only required if the document is encrypted with a certificate, otherwise only the password is required.

-alias: The alias to the certificate in the keystore.

inputfile: The PDF file to decrypt.

outputfile: The file to save the decrypted document to. If left blank then it will be the same as the input file.



Encrypt

This application will encrypt a PDF document.

usage: java -jar jpdfutils.jar Encrypt [OPTIONS] <password> <inputfile>

Command Line Parameters:

-O: The owner password to the PDF, ignored if -certFile is specified.

-U: The user password to the PDF, ignored if -certFile is specified.

-certFile: Path to X.509 cert file.

-canAssemble: Set the assemble permission. Default: true

-canExtractContent: Set the extraction permission. Default: true

-canExtractForAccessibility: Set the extraction permission. Default: true

-canFillInForm: Set the fill in form permission. Default: true

-canModify: Set the modify permission. Default: true

-canModifyAnnotations: Set the modify annotations permission. Default: true

-canPrint: Set the print permission. Default: true

-canPrintDegraded: Set the print degraded permission. Default: true

-keyLength: 40, 128 or 256. The number of bits for the encryption key. For 128 and above bits Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy Files must be installed.

inputfile: The PDF file to encrypt.

outputfile: The file to save the encrypted document to. If left blank then it will be the same as the input file.

ExtractImages

This application will extract all images from the given PDF document.

Usage: java -jar jpdfutils.jar ExtractImages [OPTIONS] <inputfile>

Command-Line Parameters:

-password: The password to the PDF document.

-prefix: Image prefix to use. Default: PDF name

-directJPEG: Forces the direct extraction of JPEG images regardless of colorspace. Default: false

 **ExtractText**

This application will extract all text from the given PDF document.

usage: java -jar jpdfutils.jar ExtractText [OPTIONS] <inputfile> [Text file]

Command Line Parameters:

-alwaysNext: Process next page (if applicable) despite IOException (ignored when -html).

Default: false

-password: The password to the PDF document.

-encoding: The encoding type of the text file, e.g. ISO-8859-1, UTF-8, UTF-16BE.

-console: Send text to console instead of file. Default: false

-html: Output in HTML format instead of raw text. Default: false

-sort: Sort the text before writing. Default: false

-ignoreBeads: Disables the separation by beads. Default: false

-debug: Enables debug output about the time consumption of every stage. Default: false

-force: Enables software to ignore corrupt objects. Default: false

-rotationMagic: Analyze each page for rotated/skewed text, rotate to 0° and extract separately (slower, and ignored when -html). Default: false

-startPage: The first page to extract, one based. Default: 1

-endPage: The last page to extract, one based. Default: LastPage

 **OverlayPDF**

This application will overlay one document with the content of another document

usage: java -jar jpdfutils.jar OverlayPDF <input.pdf> [OPTIONS] <output.pdf>

Command Line Parameters:

inputfile: The PDF file to be overlaid.

defaultOverlay.pdf: Default overlay file.

-odd oddPageOverlay.pdf: Overlay file used for odd pages.

-even evenPageOverlay.pdf: Overlay file used for even pages.

-first firstPageOverlay.pdf: Overlay file used for the first page.

-last lastPageOverlay.pdf: Overlay file used for the last pages.
-page pageNumber specificPageOverlay.pdf: Overlay file used for the given page number, may occur more than once.
-position: Where to put the overlay, foreground or background. Default: background
outfile: The resulting pdf file.

Command Line Examples:

OverlayPDF input.pdf overlay.pdf output.pdf

OverlayPDF input.pdf defaultOverlay.pdf -page 10 overlayForPage10.pdf -position foreground output.pdf

OverlayPDF input.pdf -odd oddOverlay.pdf -even evenOverlay.pdf output.pdf

PDFDebugger

This application will take an existing PDF document and allows to analyze and inspect the internal structure.

usage: java -jar jpdfutils.jar PDFDebugger [inputfile]

Command Line Parameters:

-password: The password to the PDF document.

-viewstructure: Activates the "view structure" view on startup.

inputfile: the name of an optional PDF file to open.

PDFMerger

This application will take a list of pdf documents and merge them, saving the result in a new document.

usage: java -jar jpdfutils.jar PDFMerger <Source PDF files (2 ..n)> <Target PDF file>

PDFSplit

This application will take an existing PDF document and split it into a number of other documents.

usage: java -jar jpdfutils.jar PDFSplit [OPTIONS] <PDF file>

Command Line Parameters:

- password: The password to the PDF document.
- split: Number of pages of every splitted part of the pdf.
- startPage: The page to start at.
- endPage: The page to stop at.
- outputPrefix: The prefix for the generated file name. The resulting name will be in the format <prefix>-<nr>.pdf

Command Line Examples:

PDFSplit -split 2 sample_with_13_pages.pdf will split the pdf in pieces of 2 pages each except the last which will contain 1 page only.

PDFSplit -startPage 5 sample_with_13_pages.pdf will provide a pdf containing all pages of the source pdf starting at page 5

PDFSplit -startPage 5 -endPage 10 sample_with_13_pages.pdf will provide a pdf containing all pages from 5 to 10 of the source pdf

PDFSplit -split 2 -startPage 5 -endPage 10 sample_with_13_pages.pdf will provide 3 pdfs containing all pages from 5 to 10 of the source pdf 2 pages each

PDFToImage

This application will create an image for every page in the PDF document.

usage: java -jar jpdfutils.jar PDFToImage [OPTIONS] <PDF file>

Command Line Parameters:

- password: The password to the PDF document.
- imageType: The image type to write to. Currently only jpg or png. Default: jpg
- outputPrefix: The prefix to the image file. Default: Name of PDF document
- startPage: The first page to convert, one based. Default: 1
- endPage: The last page to convert, one based. Default: LastPage
- page: The only page to extract (1-based).

- dpi: DPI resolution of exported images. Default: detected from screen (or 96 if headless)
- color: The color depth (valid: bilevel, gray, rgb, rgba). Default: rgb
- cropbox <int> <int> <int> <int>: The page area to export.
- time: Prints timing information to stdout.

 **PrintPDF**

This application will send a pdf document to the printer.

usage: java -jar jpdfutils.jar PrintPDF [OPTIONS] <inputfile>

Command Line Parameters:

- password: The password to decrypt the PDF.
 - silentPrint: Print the PDF without prompting for a printer.
 - printerName <name>: Print to specified printer.
 - orientation [auto | portrait | landscape]: Print using orientation. Default: auto
 - border: Print with border.
 - dpi: Render into intermediate image with specific dpi and then print.
- inputfile: The PDF file to print.

 **TextToPDF**

This application will create a PDF document from a text file.

usage: java -jar jpdfutils.jar TextToPDF [OPTIONS] <outputfile> <textfile>

Command Line Parameters:

- standardFont: The font to use for the text. Either this or -ttf should be specified but not both.
Default: Helvetica
- ttf: The TTF font to use for the text. Either this or -standardFont should be specified but not both.
- fontSize: The size of the font to use. Default: 10

The following font names can be used for the parameter standardFont:

Courier

Courier-Bold
Courier-Oblique
Courier-BoldOblique
Helvetica
Helvetica-Bold
Helvetica-Oblique
Helvetica-BoldOblique
Symbol
Times-Bold
Times-Roman
Times-Italic
Times-BoldItalic
ZapfDingbats

 WriteDecodedDoc

An application to decompress PDF documents.

usage: java -jar jpdftools.jar WriteDecodedDoc <input-file> <output-file>

Command Line Parameters:

-password: The password to the PDF document.

input-file: The PDF file to decompress

output-file: The destination PDF file

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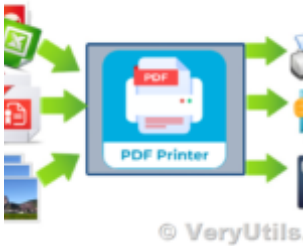
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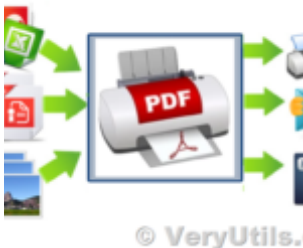
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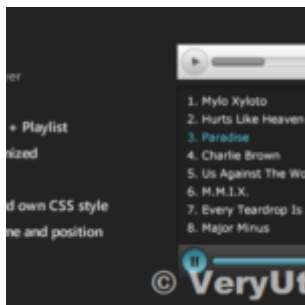
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