

What is zeonpadpdf ?

zeonpadpdf is library for converting word,excel,ppt,publisher,visio,outlook ,images to PDF. It works for both Desktop and Server application. It generates the high quality PDF file that are adobe Acrobat compatible. Supports both 32bit and 64 bit windows os. We don't support multithreaded conversion. zeonpadpdf also provide api for converting pdf to doc, pdf to docx, pdf to html, html to doc and docx.

SYSTEM Requirements

Operating System

- Microsoft Windows XP
- Microsoft Windows Server 2003 and 2003 R2
- Microsoft Windows Vista
- Microsoft Windows Server 2008 and 2008 R2
- Microsoft Windows 7
- Microsoft Windows 8 and 8.1
- Microsoft Windows Server 2012 and 2012 R2

MS Office


- Microsoft Office 2003, 2007, 2010, or 2013 ,2016
- Microsoft Visio 2003, 2007, 2010, or 2013 ,2016
- Microsoft Publisher 2003, 2007, 2010, or 2013 ,2016

Note: Install the free "Save as PDF or XPS" add-in from Microsoft for office 2007.

Note: For Converting PDF document to docx, doc, html and text file. User has to install ms office 2013 or 2016.

Kindly disable confirm file format conversion on open

1. Open the **Word Options** dialog.

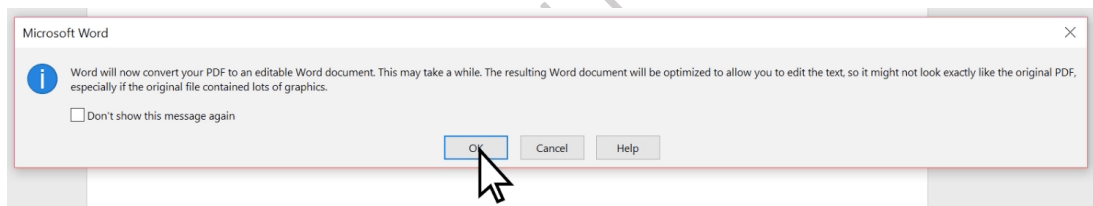
- In Word 2007, choose **Microsoft Office Button**  and choose **Word Options**.
- In Word 2010 or later, select **File** > **Options**.

2. In the left pane, select **Advanced**, and scroll down to the **General** category.

3. Clear the **Confirm file format conversion on open** check box.

4. Click **OK** to save your changes.

still if conversion does not happen or user gets below given any popup in screen background. Select the dialog box checkbox “Don’t Show this message again” and click Ok.



JDK

- JDK 1.5 and higher

JAVA SETUP

zeonpadpdf library is currently based on the Java COM bridge called JACOB, a bridge is required between COM and the Java Virtual Machine. This allows the Java application to utilize MS Office APIS.

JACOB is a free Java COM bridge that is actively developed and maintained by its open-source community. It supports both the Win32 and x64 releases of the JRE/JDK version 1.5 or newer. you can download the latest version of zeonpadpdf library from

<http://www.zeonpad.com/zeonpadpdf-download.html>

The following Java core files are included in our distribution zip file. **zeonpadpdf_1.0.zip**

zeonpadpdf java library	zeonpadpdf.jar
JACOB native 32-bit binary	jacob-1.18-x86.dll
JACOB native 64-bit binary	jacob-1.18-x64.dll
JACOB Java library	jacob-1.18.jar

Download and install the Java SE Development Kit 1.5 or above from

<http://www.oracle.com/technetwork/java/index.html> Add a

JAVA_HOME environment variable.

Add **zeonpadpdf.jar** and **jacob.jar** into your classpath.

If you are using 64 bit machine then Copy the **jacob-1.18-x64.dll** file to java_Home/bin (Example :
C:\Program Files\Java\jdk1.6.0_26\bin).

If you are using 32 bit machine then copy Copy the **jacob-1.18-x86.dll** file to java_Home/bin (Example :
C:\Program Files\Java\jdk1.6.0_26\bin).

GenericConvertor Object Description

This object is used to convert word,excel,ppt,publisher,visio,outlook ,images to PDF.

Example Usage In Java

```
GenericConvertor genericConv = new GenericConvertor();  
genericConv.convert("C:\\Users\\Desktop\\input.doc","C:\\Users\\Desktop\\output.pdf");
```

PdfToWord Object Description

This object is used to convert pdf document to ms-word(doc or docx).

Note: PdfToWord only works with Ms Word 2013 or 2016.

Example Usage In Java

```
PdfToWord pdfToWord = new PdfToWord();  
pdfToWord.convert("C:\\Users\\Desktop\\input.pdf","C:\\Users\\Desktop\\output.docx");  
  
//For converting pdf to doc.  
  
pdfToWord.convert("C:\\Users\\Desktop\\input.pdf","C:\\Users\\Desktop\\output.doc");
```

PdfToRtf Object Description

This object is used to convert pdf document to Rtf document.

Note: PdfToRtf only works with Ms Word 2013 or 2016.

Example Usage In Java

```
PdfToRtf pdfToRtf = new PdfToRtf();  
pdfToRtf.convert("C:\\Users\\Desktop\\input.pdf", "C:\\Users\\Desktop\\output.rtf");
```

PdfToHtml Object Description

This object is used to convert pdf document to html document.

Note: PdfToHtml only works with Ms Word 2013 or 2016.

Example Usage In Java

```
PdfToHtml pdfToHtml = new PdfToHtml();  
pdfToHtml.convert("C:\\Users\\Desktop\\input.pdf", "C:\\Users\\Desktop\\output.html");
```

PdfToText Object Description

This object is used to convert pdf document to text document.

Note: PdfToHtml only works with Ms Word 2013 or 2016.

Example Usage In Java

```
PdfToText pdfToText = new PdfToText();  
pdfToText.convert("C:\\Users\\Desktop\\input.pdf", "C:\\Users\\Desktop\\output.txt");
```

HtmlToWord Object Description

This object is used to convert html document to ms-word(doc or docx) document.

Example Usage In Java

```
HtmlToWord htmlToWord = new HtmlToWord();  
htmlToWord.convert("C:\\Users\\Desktop\\input.pdf", "C:\\Users\\Desktop\\output.docx");
```

WordToPdf Object Description

This object is used to convert ms-word document to pdf. This object contains many ms-word related features. WordToPdf only works with Word 2007 or higher version. Only Word 2007 requires the free "Save as PDF or XPS" add-in for Office 2007 to be installed. This add-in is available from Microsoft.

Example Usage In Java

```
WordToPdf wordToPdf = new WordToPdf();  
wordToPdf.convert("C:\\Users\\Desktop\\input.docx","C:\\Users\\Desktop\\output.pdf");
```

Properties

PdfExportOptimizeFor Property

Specifies the resolution and quality of the PDF document for Screen or Print.

Default its set to PdfExportOptimizeFor.PDF_EXPORT_OPTIMIZE_FORPRINT for Print.

Type

PdfExportOptimizeFor

PDF_EXPORT_OPTIMIZE_FOR_ONSCREEN =1	Export for screen, which is a lower quality and results in a smaller file size.
PDF_EXPORT_OPTIMIZE_FORPRINT =0	Export for print, which is higher quality and results in a larger file size.

Usage

Setting Resolution and Quality for print.

```
WordToPdf wordToPdf = new WordToPdf();  
wordToPdf.setPdfExportOptimizeFor(PdfExportOptimizeFor.PDF_EXPORT_OPTIMIZE_FORPRINT);  
wordToPdf.convert("C:\\Users\\Desktop\\input.docx","C:\\Users\\Desktop\\output.pdf");
```

PdfExportRange Property

Specifies how much of the document to convert to pdf. Default set to PdfExportRange.PDF_EXPORT_ALL_DOCUMENT means converting the full document to pdf.

Type

PdfExportRange

PDF_EXPORT_ALL_DOCUMENT = 0	Convert the entire document to pdf.
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PDF_EXPORT_SELECTION = 1	Convert the contents of the current selection to pdf.
PDF_EXPORT_CURRENT_PAGE = 2	Convert the current page to pdf.
PDF_EXPORT_FROM_TO =3	Convert the contents of a range using the starting and ending positions to pdf.

Usage

Example 1

```
WordToPdf wordToPdf = new WordToPdf();
wordToPdf.setPdfExportRange(PdfExportRange.PDF_EXPORT_ALL_DOCUMENT);
wordToPdf.convert("C:\\Users\\Desktop\\input.docx","C:\\Users\\Desktop\\output.pdf");
```

Example 2

```
WordToPdf wordToPdf = new WordToPdf();
wordToPdf.setPdfExportRange(PdfExportRange. PDF_EXPORT_FROM_TO);
wordToPdf.setStartPage(2); wordToPdf.setEndPage(6);
wordToPdf.convert("C:\\Users\\Desktop\\input.docx","C:\\Users\\Desktop\\output.pdf");
```

DocumentMarkups Property

Specifies whether to export the pdf with markup. Default value is PDFMarkups.PDF_EXPORT_WITHOUT_MARKUP means document markups are omitted.

Type

PDFMarkups

PDF_EXPORT_WITHOUT_MARKUP =0	Exports the pdf without markup.
PDF_EXPORT_WITH_MARKUP=7	Exports the pdf with markup.

Usage

```
WordToPdf wordToPdf = new WordToPdf();
wordToPdf.setDocumentMarkups(PDFMarkups.PDF_EXPORT_WITH_MARKUP);
wordToPdf.convert("C:\\Users\\Desktop\\input.docx","C:\\Users\\Desktop\\output.pdf");
```

IncludeDocProps Property

To include document properties in pdf file. Default is set to false.

Set it to True to include document properties from the source document in the PDF.

Type

Boolean

Usage

```
WordToPdf wordToPdf = new WordToPdf(); wordToPdf.setIncludeDocProps(true);  
wordToPdf.convert("C:\\Users\\Desktop\\input.docx", "C:\\Users\\Desktop\\output.pdf");
```

CreateBookmarks Property

Specifies whether to export bookmarks and the type of bookmarks to export into pdf. Default value is set to PdfCreateBookmark.PDF_CREATE_NO_BOOKMARK means there will be no bookmarks in the PDF

Type

PdfCreateBookmark

PdfCreateBookmark.PDF_CREATE_NO_BOOKMARK=0	Do not create bookmarks in the exported pdf document.
PdfCreateBookmark.PDF_CREATE_HEADINGBOOKMARKS=1	Create a bookmark in the exported pdf document for each Microsoft Office Word heading, which includes only headings within the main document and text boxes not within headers, footers, endnotes, footnotes, or comments.
PdfCreateBookmark .PDF_CREATE_WORDBOOKMARKS=2	Create a bookmark in the exported pdf document for each Word bookmark, which includes all bookmarks except those contained within headers and footers.

Usage

```
WordToPdf wordToPdf = new WordToPdf();  
wordToPdf.setCreateBookmarks(PdfCreateBookmark.PDF_CREATE_WORDBOOKMARKS);  
wordToPdf.convert("C:\\Users\\Desktop\\input.docx", "C:\\Users\\Desktop\\output.pdf");
```

DocStructureTags Property

This is used to include extra data into generated pdf to help screen readers, such as information about the flow and logical organization of the content ,The default is **true**.

Type

Boolean

Usage

```
WordToPdf wordToPdf = new WordToPdf(); wordToPdf.setDocStructureTags(false);  
wordToPdf.convert("C:\\Users\\Desktop\\input.docx","C:\\Users\\Desktop\\output.pdf");
```

BitmapMissingFonts Property

This is used to include a bitmap of the text or reference the text font. The default is **true** means nonembeddable fonts will be converted to bitmaps. When this property is False, the font is referenced but not embedded in the PDF.

Type

Boolean

Usage

```
WordToPdf wordToPdf = new WordToPdf(); wordToPdf.setBitmapMissingFonts(false);  
wordToPdf.convert("C:\\Users\\Desktop\\input.docx","C:\\Users\\Desktop\\output.pdf");
```

ConversionTimeOut Property

Set the file coversion time out property. Default is 5 min.

Type

Int (minute)

Usage

```
WordToPdf wordToPdf = new WordToPdf(); wordToPdf.setConversionTimeOut (10); //10  
minute  
wordToPdf.convert("C:\\Users\\Desktop\\input.docx","C:\\Users\\Desktop\\output.pdf");
```

DocumentPassword Property

Sets a password for password protected Excel document.

Type

String

Usage

```
WordToPdf wordToPdf = new WordToPdf(); wordToPdf. setDocumentPassword  
("12345"); //10 minute  
wordToPdf.convert("C:\\Users\\Desktop\\input.docx","C:\\Users\\Desktop\\output.pdf");
```

ExcelToPdf Object Description

This object is used to convert Microsoft Excel to pdf. This object contains many Microsoft Excel related features. ExcelToPdf only works with Microsoft Excel 2007 or higher version. Only Excel 2007 requires the free "Save as PDF or XPS" add-in for Office 2007 to be installed. This add-in is available from Microsoft.

Example Usage In Java

```
ExcelToPdf excelToPdf = new ExcelToPdf (); excelToPdf.convert("C:\\Users\\Desktop\\input.  
xls","C:\\Users\\Desktop\\output.pdf");
```

Properties

DocumentPassword Property

Sets a password for password protected Excel document.

Type

String

Usage

```
ExcelToPdf excelToPdf = new ExcelToPdf (); excelToPdf.setDocumentPassword("12345");  
excelToPdf.convert("C:\\Users\\Desktop\\input.xls","C:\\Users\\Desktop\\output.pdf");
```

PdfExportQuality Property

Specifies the quality of the exported pdf file. Default its set to PDFXIFixedFormatQuality.PDF_EXPORT_QUALITY_STANDARD.

Type

PDFXIFixedFormatQuality

PDF_EXPORT_QUALITY_MINIMUM =1	Export pdf with lower quality
PDF_EXPORT_QUALITY_STANDARD =0	Export pdf,with higher quality

Usage

```
ExcelToPdf excelToPdf = new ExcelToPdf ();  
excelToPdf.setPdfExportQuality(PDFXIFixedFormatQuality.PDF_EXPORT_QUALITY_STANDARD);  
excelToPdf.convert("C:\\Users\\Desktop\\input.xls","C:\\Users\\Desktop\\output.pdf");
```

IncludeDocProps Property

To include document properties in pdf file. Default is set to false.

Set it to True to include document properties from the source document in the PDF.

Type

Boolean

Usage

```
ExcelToPdf excelToPdf = new ExcelToPdf (); excelToPdf.setIncludeDocProps(true);  
excelToPdf.convert("C:\\Users\\Desktop\\input.xls","C:\\Users\\Desktop\\output.pdf");
```

IgnorePrintAreas Property

true to ignore any print areas set when exporting; otherwise, false. Default is false.

Type

Boolean

Usage

```
ExcelToPdf excelToPdf = new ExcelToPdf (); excelToPdf.setIgnorePrintAreas(true);  
excelToPdf.convert("C:\\Users\\Desktop\\input. xls","C:\\Users\\Desktop\\output.pdf");
```

PrintAllSheets Property

Default is true to print all sheets.If set to false then need to set **from** and **to**

Type

Boolean

Usage

```
ExcelToPdf excelToPdf = new ExcelToPdf (); excelToPdf.setPrintAllSheets(false);  
excelToPdf.setFrom(1); excelToPdf.setFrom(10);  
excelToPdf.convert("C:\\Users\\Desktop\\input. xls","C:\\Users\\Desktop\\output.pdf");
```

ConversionTimeOut Property

Set the file coversion time out property. Default is 5 min.

Type

Int (minute)

Usage

```
ExcelToPdf excelToPdf = new ExcelToPdf (); excelToPdf.  
setConversionTimeOut (10); //10 minute  
excelToPdf.convert("C:\\Users\\Desktop\\input.  
xls","C:\\Users\\Desktop\\output.pdf");
```

PptToPdf Object Description

This object is used to convert Microsoft PowerPoint to pdf. PptToPdf only works with Microsoft PowerPoint 2007 or higher version. Only PowerPoint 2007 requires the free "Save as PDF or XPS" add-in for Office 2007 to be installed. This add-in is available from Microsoft.

Example Usage In Java

```
PptToPdf pptToPdf = new PptToPdf();  
pptToPdf.convert("C:\\Users\\Desktop\\input.pptx", "C:\\Users\\Desktop\\output.pdf");
```

Properties

ConversionTimeOut Property

Set the file conversion time out property. Default is 5 min.

Type

Int (minute)

Usage

```
PptToPdf pptToPdf = new PptToPdf(); pptToPdf.setConversionTimeOut(1);  
pptToPdf.convert("C:\\Users\\Desktop\\input.pptx", "C:\\Users\\Desktop\\output.pdf");
```

PublisherToPdf Object Description

This object is used to convert Microsoft Publisher to pdf. PublisherToPdf only works with Microsoft Publisher 2007 or higher version. Only Publisher 2007 requires the free "Save as PDF or XPS" add-in for Office 2007 to be installed. This add-in is available from Microsoft.

Example Usage In Java

```
PublisherToPdf publisherToPdf = new PublisherToPdf();  
publisherToPdf.convert("C:\\Users\\Desktop\\input.pub", "C:\\Users\\Desktop\\output.pdf");
```

Properties

ConversionTimeOut Property

Set the file conversion time out property. Default is 5 min.

Type

Int (minute)

Usage

```
PublisherToPdf publisherToPdf = new PublisherToPdf(); publisherToPdf.setConversionTimeOut(1);  
publisherToPdf.convert("C:\\Users\\Desktop\\input.pub", " C:\\Users\\Desktop\\output.pdf");
```

IncludeDocProps Property

To include document properties in pdf file. Default is set to false.
Set it to True to include document properties from the source document in the PDF.

Type

Boolean

Usage

```
PublisherToPdf publisherToPdf = new PublisherToPdf();  
  
publisherToPdf.setIncludeDocProps(true); publisherToPdf.convert("C:\\Users\\Desktop\\input.pub",  
" C:\\Users\\Desktop\\output.pdf");
```

DocStructureTags Property

This is used to include extra data into generated pdf to help screen readers, such as information about the flow and logical organization of the content ,The default is **true**.

Type

Boolean

Usage

```
PublisherToPdf publisherToPdf = new PublisherToPdf(); publisherToPdf.setDocStructureTags(false);  
publisherToPdf.convert("C:\\Users\\Desktop\\input.pub", " C:\\Users\\Desktop\\output.pdf");
```

BitmapMissingFonts Property

This is used to include a bitmap of the text or reference the text font. The default is **true** means nonembeddable fonts will be converted to bitmaps. When this property is False, the font is referenced but not embedded in the PDF.

Type

Boolean

Usage

```
PublisherToPdf publisherToPdf = new PublisherToPdf(); publisherToPdf.setBitmapMissingFonts(false);  
publisherToPdf.convert("C:\\Users\\Desktop\\input.pub", "C:\\Users\\Desktop\\output.pdf");
```

OutlookToPdf Object Description

This object is used to convert Microsoft Outlook to pdf.

Example Usage In Java

```
OutlookToPdf outlookToPdf = new OutlookToPdf();  
outlookToPdf.convert("C:\\Users\\Desktop\\input.msg", "C:\\Users\\Desktop\\output.pdf");
```

Properties

ConversionTimeOut Property

Set the file conversion time out property. Default is 5 min.

Type

Int (minute)

Usage

```
OutlookToPdf outlookToPdf = new OutlookToPdf(); outlookToPdf.setConversionTimeOut(1);  
outlookToPdf.convert("C:\\Users\\Desktop\\input.msg", "C:\\Users\\Desktop\\output.pdf");
```

ImageToPDF Object Description

This object is used to convert images into PDF.

Example Usage In Java

```
ImageToPDF imageToPdf = new ImageToPDF(); imageToPdf.convert("C:\\Users\\Desktop\\input.jpg",  
"C:\\Users\\Desktop\\output.pdf");
```

Properties

ConversionTimeOut Property

Set the file conversion time out property. Default is 5 min.

Type

Int (minute)

Usage

```
ImageToPDF imageToPdf = new ImageToPDF(); imageToPdf.setConversionTimeOut(1);  
imageToPdf.convert("C:\\Users\\Desktop\\input.jpg", "C:\\Users\\Desktop\\output.pdf");
```

VisioToPdf Object Description

This object is used to convert Microsoft Visio to pdf. VisioToPdf only works with Microsoft Visio 2007 or higher version. Only Visio 2007 requires the free "Save as PDF or XPS" add-in for Office 2007 to be installed. This add-in is available from Microsoft.

Example Usage In Java

```
VisioToPdf visioToPdf = new VisioToPdf(); visioToPdf.convert("C:\\Users\\Desktop\\input.vsd",  
"C:\\Users\\Desktop\\output.pdf");
```

Properties

ConversionTimeOut Property

Set the file conversion time out property. Default is 5 min.

Type

Int (minute)

Usage

```
VisioToPdf visioToPdf = new VisioToPdf(); visioToPdf.setConversionTimeOut(1);  
visioToPdf.convert("C:\\Users\\Desktop\\input.vsd", "C:\\Users\\Desktop\\output.pdf");
```

VisioPrintOutRange Property

This is used to define range of document pages to be exported, Default is set to PDFVisioPrintOutRange.VISIO_PRINT_ALL.

Type

PDFVisioPrintOutRange

VISIO_PRINT_ALL = 0	Prints all foreground pages.
VISIO_PRINT_FROM_TO = 1	Prints pages between the FromPage value and the ToPage value.
VISIO_PRINT_CURRENT_PAGE = 2	Prints the active page.
VISIO_PRINT_SELECTION = 3	Prints a selection.
VISIO_PRINT_CURRENT_VIEW = 4	Prints the current view area.

Usage

```
VisioToPdf visioToPdf = new VisioToPdf();  
visioToPdf.setVisioPrintOutRange(PDFVisioPrintOutRange.VISIO_PRINT_CURRENT_PAGE);  
visioToPdf.convert("C:\\Users\\Desktop\\input.vsd", "C:\\Users\\Desktop\\output.pdf");
```

ColorAsBlack Property

True to render all colors as black to ensure that all shapes are visible in the exported drawing. False to render colors normally. The default is False .

Type

Boolean

Usage

```
VisioToPdf visioToPdf = new VisioToPdf(); visioToPdf.setColorAsBlack(true);  
visioToPdf.convert("C:\\Users\\Desktop\\input.vsd", "C:\\Users\\Desktop\\output.pdf");
```

IncludeBackground Property

Whether to include background pages in the exported file. The default is True .

Type

Boolean

Usage

```
VisioToPdf visioToPdf = new VisioToPdf(); visioToPdf.setIncludeBackground(true);  
visioToPdf.convert("C:\\Users\\Desktop\\input.vsd", "C:\\Users\\Desktop\\output.pdf");
```

IncludeDocumentProperties Property

Whether to include document properties in the exported file. The default is True .

Type

Boolean

Usage

```
VisioToPdf visioToPdf = new VisioToPdf(); visioToPdf.setIncludeDocumentProperties(false);  
visioToPdf.convert("C:\\Users\\Desktop\\input.vsd", "C:\\Users\\Desktop\\output.pdf");
```

IncludeStructureTags Property

Whether to include document structure tags to improve document accessibility. The default is True .

Type

Boolean

Usage

```
VisioToPdf visioToPdf = new VisioToPdf(); visioToPdf.setIncludeStructureTags (false);  
visioToPdf.convert("C:\\Users\\Desktop\\input.vsd", "C:\\Users\\Desktop\\output.pdf");
```

NativeOfficePDF Property

Whether the resulting document is compliant with ISO 19005-1 (PDF/A). The default is False .

Type

Boolean

Usage

```
VisioToPdf visioToPdf = new VisioToPdf(); visioToPdf. setNativeOfficePDF (false);  
visioToPdf.convert("C:\\Users\\Desktop\\input.vsd", "C:\\Users\\Desktop\\output.pdf");
```

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