

PDF

PDF

Available as of Camel 2.16.0

The **PDF** component provides the ability to create, modify or extract content from PDF documents. This component uses [Apache PDFBox](#) as underlying library to work with PDF documents.

In order to use the PDF component, Maven users will need to add the following dependency to their `pom.xml`:

```
pom.xml

<dependency>
  <groupId>org.apache.camel</groupId>
  <artifactId>camel-pdf</artifactId>
  <version>x.x.x</version>
  <!-- use the same version as your Camel core version -->
</dependency>
```

URI format

The PDF component only supports producer endpoints.

```
pdf:operation[?options]
```

Where **operation** is the specific action to perform with PDF document.

Operations

Operation	Description
create	Creates new PDF documents with the given text. With this operation message body type should be <code>String</code> . The output type of this operation is <code>OutputStream</code> .
append	Appends text to PDF document. Text will start on the new page. With this operation message body type should be <code>String</code> . Mandatory header with name "pdf-document" and <code>PDFBox</code> document as value expected. The output type of this operation is <code>OutputStream</code> .
extractText	Extracts text from PDF document. The output type of this operation is <code>String</code> .

Options

Name	Default Value	Description
marginTop	20	Sets the margin size in pixels between text and top edge of the page.
marginBottom	20	Sets the margin size in pixels between text and bottom edge of the page.
marginLeft	20	Sets the margin size in pixels between text and left edge of the page.
marginRight	40	Sets the margin size in pixels between text and right edge of the page. This option is ignored when <code>textProcessingFactory</code> option is <code>lineTermination</code> .
fontSize	14	Sets the font size in pixels.

pageSize	PAGE_SIZE_A4	<p>Sets the size of a page. Possible values</p> <ul style="list-style-type: none"> PAGE_SIZE_A0 PAGE_SIZE_A1 PAGE_SIZE_A2 PAGE_SIZE_A3 PAGE_SIZE_A4 PAGE_SIZE_A5 PAGE_SIZE_A6 PAGE_SIZE_LETTER
font	Helvetica	One of the base fonts in PDFBox .
textProcessingFactory	lineTermination	Sets the text processing factory. lineTermination - builds set of classes for line-termination writing strategy. Text getting sliced by line termination symbol and then it will be written regardless it fits in the line or not. autoFormatting - Text is getting sliced by words, then maximum amount of words that fits in the line will be written into PDF document. With this strategy all words that doesn't fit in the line will be moved to the new line.

Headers

Header	
pdf-document	Mandatory header for append operation and ignored in all other operations. Expected type is PDDocument . Stores PDF document which will be used for append operation.
protection-policy	Expected type is ProtectionPolicy . If specified then PDF document will be encrypted with it.
decryption-material	Expected type is DecryptionMaterial . Mandatory header if PDF document is encrypted.

See Also

- [Configuring Camel](#)
- [Component](#)
- [Endpoint](#)
- [Getting Started](#)