```
                doc.removePage(2);
```

Now the document (which at the moment is in memory only) must be stored into a different file to disk.
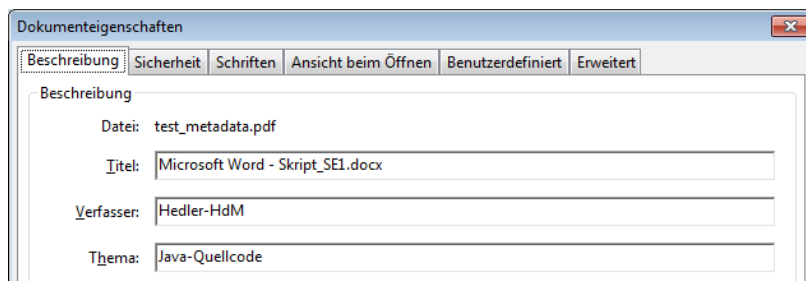
```
                doc.save("test_mod.pdf");
```

At last the document must be closed.

```
                doc.close();
```


13.6 Read PDF meta data

PDF documents contain divers meta data like originator, author., topic, etc. Normally you can display these meta data with Acrobat, as the following screenshot shows:

With the help of PDF-Box meta data can be extracted from a PDF document and then e.g. displayed.

First the PDF document must be loaded:

```
   PDDocument document = PDDocument.load("test.pdf");
```

Then a meta data object (PDDocumentInformation) is queried from the document and is stored into the variable `info`.

```
   PDDocumentInformation info = document.getDocumentInformation();
```

From this object „info" various meta data of the PDF document can be queried and displayed:

```
  System.out.println("Title=" + info.getTitle());
  System.out.println("Author=" + info.getAuthor());
  System.out.println("Subject=" + info.getSubject());
  System.out.println("Keywords=" + info.getKeywords());
  System.out.println("Creator=" + info.getCreator());
  System.out.println("Producer=" + info.getProducer());
  System.out.println("Creation Date=" + info.getCreationDate());
  System.out.println("Modification Date=" + info.getModificationDate());
  System.out.println("Trapped=" + info.getTrapped());
```