



eBooks

some ways to create electronic publication

by
Jaroslav Majerník
Stanislav Balčák
Vladimír Medvec
(UPJŠ)



Co-funded by the
Erasmus+ Programme
of the European Union

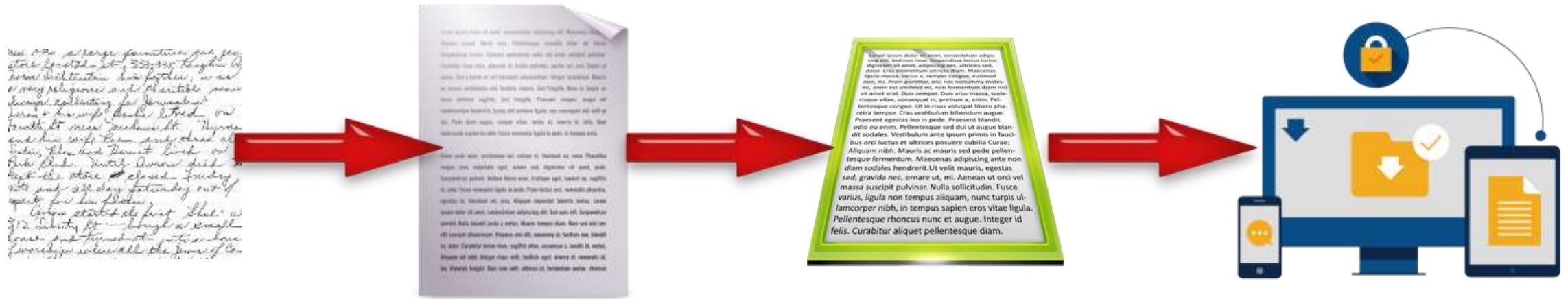


561857-EPP-1-2015-1-DE-EPPKA2-CBHE-JP



- eBook is an **electronic version** of a traditional printed book (some e-books exist without a printed equivalent)
- eBook is a book composed in **digital form** and used to be displayed (and read) on a computer screen or handheld device
- an eBook reader can be a **software application** for use on a computer (desktop computers, laptops, tablets or smartphones), or a **book-sized computer** that is used solely as a reading device
- eBook can be obtained/purchased on disk, CD or as **downloadable file** (commercial eBooks are usually intended to be read on dedicated devices)
- eBook formats include **EPUB**, Open eBook, Mobipocket (PRC, MOBI), eReader (PDB), Kindle (AZW, KF8), Apple iBook (EPUB variation) ...
- generic formats as Adobe **PDF** and plain text (**TXT**) are generally accepted

General concept



Prepare a content of the book, specify its structure.

Use the text editor to write the book, format texts and headers.

Convert the final book into the desired eBook file.

Share the eBook file on your web or sell it on the eBook market.

Text Editors I

- **TeX** typesetting systems (MiKTeX, proTeXt, TeX Live)
- **TeX Live** - production of technical and scientific documentation
www.tug.org/texlive
- free software

A screenshot of a TeX editor window. The title bar reads "csLaTeX = PDF". The menu bar includes File, Edit, View, Search, Insert, Math, Format, Project, Build, Tools, Window, and Help. The toolbar contains various icons for file operations and editing. Below the toolbar is a rich text toolbar with mathematical symbols like $\frac{1}{2}$, $\frac{d}{dx}$, and \int . The main editing area shows a LaTeX document structure:

```
\begin{document}
%\large\sf
\thispagestyle{empty}
```

- easy way to get up and running with the TeX document production system
- Unix, including GNU/Linux, and also Windows
- type the text and compile it to produce DVI, PS or **PDF** book

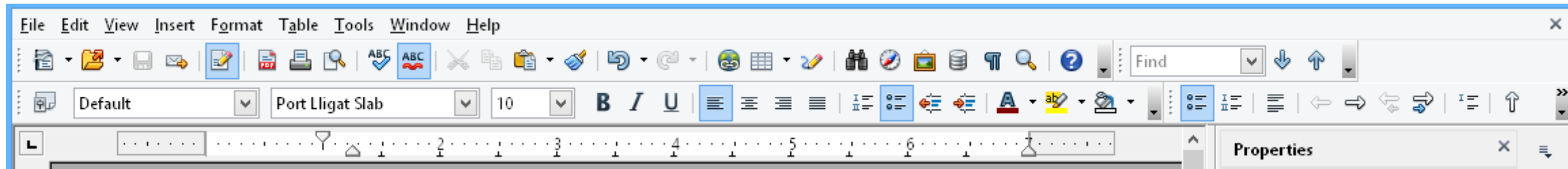
Text Editors II

- word processor **Writer** from **OpenOffice**

www.openoffice.org



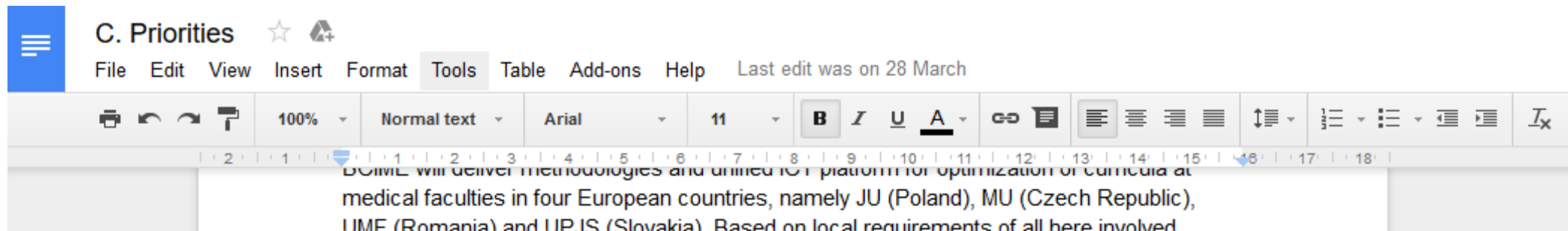
- open-source office software suite



- create a book content and export it to **PDF**
- templates can be downloaded from Templates repository
- also supports HTML export to the web and export in MediaWiki format for publishing to wikis

Text Editors III

- documents **Google Docs** from **Google**
<https://docs.google.com>
- free
- registration needed



- easy word processing for teams
- text documents edited in web browser - no dedicated software required

Text Editors IV

- document & word processing SW **Microsoft Word** from **MS Office**
www.microsoft.com



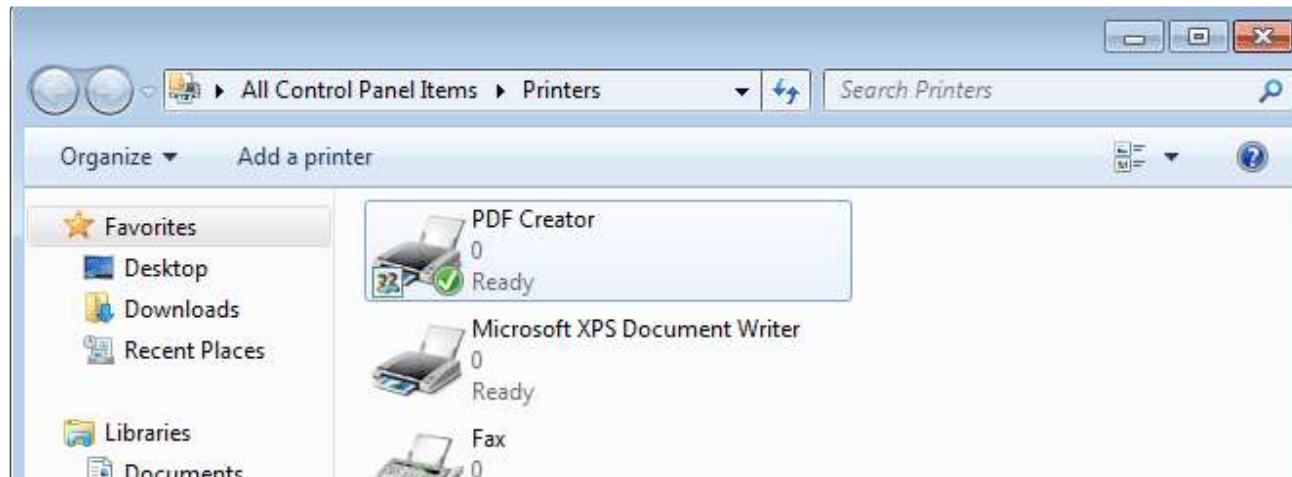
- commercial software



- create a book content and save it as **PDF**

External PDF converter I

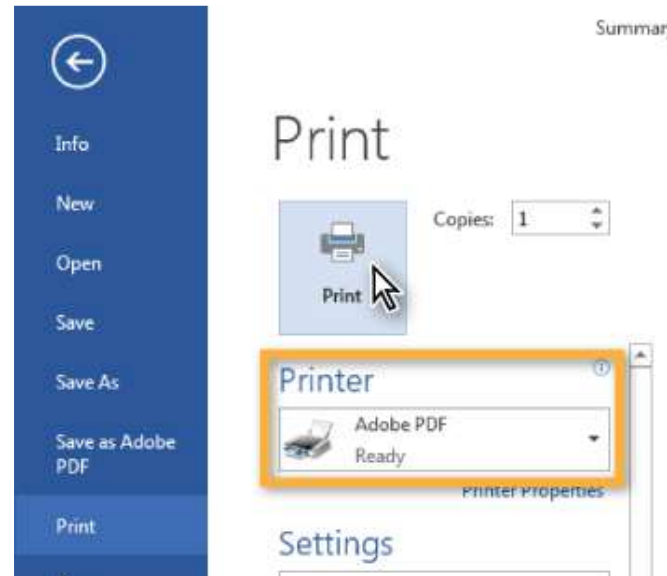
- documents printed using **PDFCreator**
www.pdfforge.org/pdfcreator
- free tool



- convert documents to **PDF**, JPG, PNG, TIF and more
- works as PDF printer

External PDF converter II

- SW **Adobe Acrobat**
<https://acrobat.adobe.com>
- commercial software

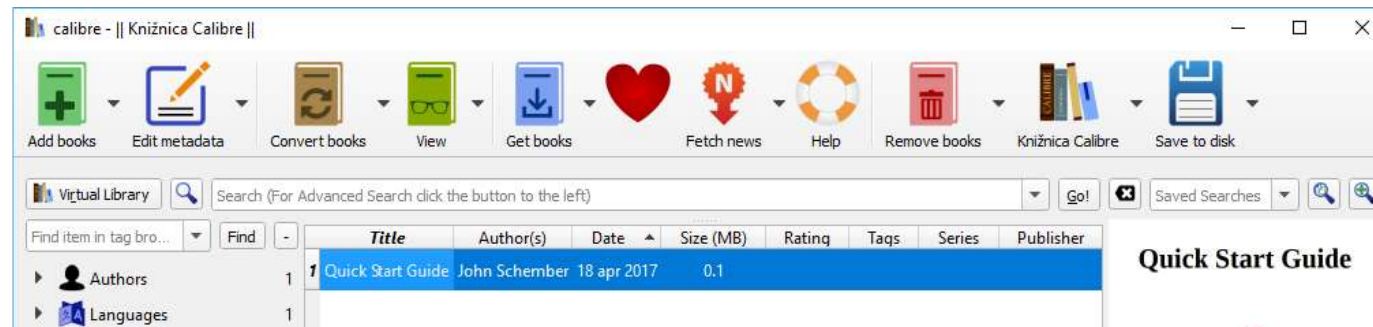


- book content can be saved as **PDF** directly in text editors
- final documents can be modified in **Adobe Acrobat**



eBook management I

- e-book manager **Calibre**
<http://calibre-ebook.com>
- free and open source



- versions for Windows, OS X and Linux
- powerful and easy to use
- support of many eBook devices
- generate many outputs including EPUB, MOBI, AZW3, DOCX, FB2, LIT, ...

eBook management II

- various online available services
- security/copyrights?
- <http://www.myebookmaker.com>
- <http://papyrus.yourstory.com>
- <http://ebookburn.com>
- <http://www.blurb.com/ebook>
- <http://www.convertfiles.com>
- ...

Publish and sell

- printer on demand: **lulu.com**
www.lulu.com
- free online service
- registration needed
- just upload manuscript (DOC, DOCX, RTF, or ODT file format) and the Lulu EPUB Converter will convert it into **EPUB** format (ev. **PDF**)
- lulu handle the sale and the delivery
- authors retain all the copyright to their work



More

See web sides of ModeHEd project partners