html2pdf

An auxiliary tool to increase the efficiency of mental work

Agenda

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html2pdf description

- A tool for converting web-based manuals and books to PDF for enabling full-text search

- An auxiliary tool for rapid processing of large amounts of information

- An intellectual tool that can significantly reduce the time spent searching for information in web-books and web-manuals

pdf2knt description

- html2pdf is an important part of the development of the pdf2knowlegeTree (pdf2knt) project as another more powerful intellectual support tool.

- pdf2knt is needed to build a tree of knowledge based on one or more pdf-files.

- pdf2knt should automatically create a dictionary of available words and then on its basis to help build a hierarchy of concepts, their definitions, explanations, and examples of use.

- After building a knowledge tree, pdf2knt should allow you to find all the available information on a particular topic in a matter of seconds based on all the sources involved.

Alternatives

- An web-app that performs the necessary search on all documents to which the link from the table of contents points

- An console application that convert any web-manual or web-book to the one page HTML file.

- html2pdf

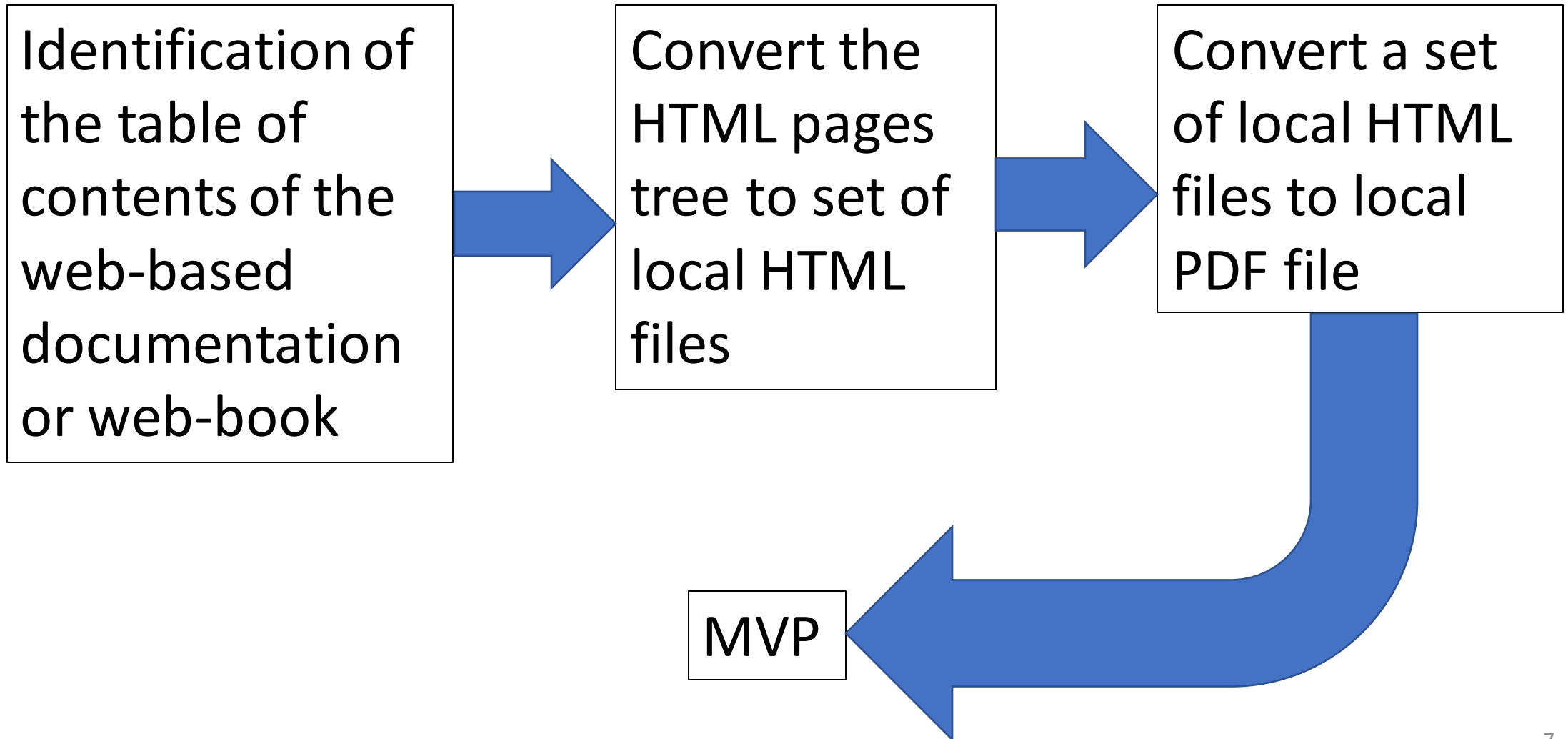# The main challenges of the **html2pdf** development process

Keep the original web-site's styling when converted to pdf

There are various approaches to organizing a table of contents of web-documentation

Saving animation when converting to pdf

Protection against web bots and spiders

html2pdf development process

Identification of the table of contents of the web-based documentation or web-book

Convert the HTML pages tree to set of local HTML files

Convert a set of local HTML files to local PDF file

MVP

html2pdf Minimum Viable Product

- html2pdf is a console application

- html2pdf should get the table of contents from the https://www.learncpp.com/ home page and put it into ***learncpp.pdf***, where all positions of the content are links to the relevant pages of the site