The tex4ebook package

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1 Introduction

TeX4ebook is a tool for conversion from LATEX to ebook formats, such as EPUB, MOBI and EPUB 3. It is based on TeX4ht¹, which provides instructions for the actual LATEX to HTML conversion, and on make4ht².

The conversion is focused on the logical structure of the converted document and metadata. Basic visual appearance is preserved as well, but you should use custom configurations if you want to make the document more visually appealing. You can include custom CSS or fonts in a configuration file.

TeX4ebook supports the same features as make4ht, in particular build files and extensions. These may be used for post-processing of the generated HTML files, or to configure the image conversion. See the make4ht documentation to see the supported features.

1.1 License

Permission is granted to copy, distribute and/or modify this software under the terms of the LaTeX Project Public License, version 1.3.

2 Usage

Run on the command line:

```
tex4ebook [options] filename
```

You don't have to modify your source files unless you want to use commands defined by tex4ebook in the document, or when your document uses a package which causes a compilation error.

If you want to use tex4ebook commands, add this line to your document preamble:

\usepackage{tex4ebook}

But it is optional. You shouldn't need to modify your TFX files

2.1 Available commands

• \coverimage[<graphicx options>] {coverimage.name} - include cover image to the document. You can pass the same options as to \includegraphics command in the optional argument.

For example:

¹https://tug.org/tex4ht/

 $^{^2 \}verb|https://ctan.org/pkg/make4ht?lang=en|$

```
\thispagestyle{empty}
\begin{document}
\coverimage[scale=0.8]{coverimage.name} % include scaled cover image
...
\pagestyle{headings}
```

• \epubpage – add page break to the document.

3 Command line options

- -a,--loglevel Set message log level. Possible values: debug, info, status, warning, error, fatal. Default: status.
- -c,--config specify custom config file for TeX4ht

```
example config file: File sample.cfg
```

```
\Preamble{xhtml}
\CutAt{section}
\begin{document}
\EndPreamble
run

tex4ebook -c sample filename.tex
```

This config file will create xhtml file for every section. Note that this behaviour is default.

- -e,--build-file (default nil) Specify make4ht build file³. Default build file filename is filename.mk4, use this option if you use different filename.
- -f,--format (default epub) Output format. Possible values are epub, epub3, mobi, azw and azw3.
- -j,--jobname Specify the output file name, without file extension.
- -1,--lua Use LuaLaTeX as TeX engine.
- -m,--mode (default default) This set mode variable, accessible in the build file. Default supported values are default and draft. In draft mode, document is compiled only once, instead of three times.
- -s,--shell-escape Enable shell escape in the htlatex run. This is necessary for the execution of the external commands from your source files.

³https://github.com/michal-h21/make4ht#build-file

```
-t,--tidy clean-up output HTML files using the HTML tidy command4.
```

- -x,--xetex Use xelatex for document compilation
- -v,--version Print the version number.

4 Configuration

TeX4ebook uses TeX4ht⁵ for conversion from LaTeX to html. TeX4ht is highly configurable using config files. Basic config file structure is

```
\Preamble{xhtml, comma separated list of options}
...
\begin{document}
...
\EndPreamble
```

Basic info about command configurations can be found in a work-inprogres $TeX4ht\ tutorial^6$, $TeX4ht\ documentation^7$, and in series of blogposts on CV Radhakrishnan's blog: $Configure\ part\ 1^8$, $Configure\ part\ 2^9$, $Low\ level\ commands^{10}$. Available options for \Preamble command are listed in the article TeX4ht: $options^{11}$. $Comparison\ of\ tex4ebook\ and\ Pandoc\ output^{12}$

A great source of tips for TeX4ht configuration is tex4ht tag on $TeX.sx^{13}$. There is also a tag for $tex4ebook^{14}$.

Examples of interesting questions are including images and fonts in $ebooks^{15}$ or setting image size in em units instead of pt^{16} .

4.1 Provided configurations

tex4ebook provides some configurations for your usage:

\Configure{UniqueIdentifier}{identifier}

Every EPUB file should have unique identifier, like ISBN, DOI, URI etc. Default identifier is URI, with value http://example.com/\jobname.

```
4if it is available on your system

5http://www.tug.org/tex4ht/
6https://github.com/michal-h21/helpers4ht/wiki/tex4ht-tutorial
7http://www.tug.org/applications/tex4ht/mn11.html
8https://web.archive.org/web/20180908234227/http://www.cvr.cc/?p=323
9https://web.archive.org/web/20180908201057/http://www.cvr.cc/?p=362
10https://web.archive.org/web/20180909101325/http://cvr.cc/?p=482
11https://web.archive.org/web/20180813043722/http://cvr.cc/?p=504
12https://github.com/richelbilderbeek/travis_tex_to_epub_example_1
13http://tex.stackexchange.com/questions/tagged/tex4ht
14http://tex.stackexchange.com/questions/tagged/tex4ebook
15http://tex.stackexchange.com/a/213165/2891
16http://tex.stackexchange.com/a/195718/2891
```

\Configure{@author}{\let\footnote\@gobble}

Local definitions of commands used in the \author command. As contents of \author are used in XML files, it is necessary to strip away any information which don't belongs here, such as \footnote.

\Configure{OpfScheme}{URI}

Type of unique identifier, default type is URI. It is used only in the EPUB format, it is deprecated for EPUB 3.

\Configure{resettoclevels}{list of section types in descending order}

Configure section types which should be included in the NCX file. Default value is the whole document hierarchy, from \part to \paragraph.

\Configure{DocumentLanguage}{language code}

Each EPUB file must declare the document language. It is inferred from babel main language by default, but you can configure it when it doesn't work correctly. The language code should be in ISO 639-1 form.

\Configure{CoverImage}{before cover image}{after cover image}

By default, cover image is inserted in <div class="cover-image"> element, you may use this configuration option to insert different markup, or even to place the cover image to standalone page.

\Configure{CoverMimeType}{mime type of cover image}

Default value is image/png, change this value if you use other image type than png.

If you don't want to include the cover image in the document, use command

\CoverMetadata{filename}

in the config file.

\Configure{OpfMetadata}{item element}

Add item to <metadata> section in the OPF file.

\Configure{OpfManifest}{maifest element}

Add item to <manifest> section in the OPF file.

\Configure{xmlns}{prefix}{uri}

Add XML name space to the generated XHTML files. Useful in EPUB 3.

4.1.1 Example config file

```
\Preamble{xhtml}
\begin{document}
\Configure{DocumentLanguage}{de}
% Use following lines if your document has ISBN:
% \Configure{OpfScheme}{ISBN}
\mbox{\ensuremath{\%}}\ \mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath}\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensu
% Another possibility is URI that points for example to the ebook homepage:
\Configure{OpfScheme}{URI}
\Configure{UniqueIdentifier}
{https://de.wikipedia.org/wiki/Der_achte_Schöpfungstag}
\Configure{CoverMimeType}{image/jpeg}
% If you don't use \coverimage in the document text,
% add cover image using this command:
\CoverMetadata{coverimage.jpg}
% You can also add more authors to your ebook metadata:
\Configure{OpfMetadata}
{\HCode{<dc:publisher>Deutscher Bücherbund</dc:publisher>}}
\Configure{OpfMetadata}
{\HCode{<dc:contributor>Image Artist</dc:contributor>}}
\Configure{OpfMetadata}
{\HCode{<dc:contributor>Trans Lator</dc:contributor>}}
\Configure{OpfMetadata}
{\HCode{<dc:date opf:event='original-publication'>1888</dc:date>}}
\EndPreamble
```

Remarks:

- Leading percent signs in the .cfg file introduce comments
- If the unique identifier is a URI which contains diacritical characters, the equivalent HTML code needs to be inserted. UTF8 is not recognized at that place.
- UTF8 characters may be used in the OpfMetadata sections.

4.2 T_EX4ht options

TEX4ht supports lot of options, that change produced HTML code without need to use configurations. Their list is available in the TEX4ht documentation. You can pass options to tex4ebook in the argument that follows filename:

```
tex4ebook filename.tex "option1,option2"
```

Alternatively, they can be put in the \Preamble command in the config file:

4.2.1 Options provided by tex4ebook

no-cut By default tex4ebook splits document to separate HTML pages on \chapter command when it is available. Othervise, it splits on \section. This can be changed using the \CutAt command or numeric options, but you need to use the no-cut option to prevent fatal error.

4.3 Commands available in the config file

\OpfRegisterFile[filename] register file in the OPF file. Current output file is added by default.

<code>\OpfAddProperty{property type}</code> add EPUB3 property for the current file. See $EPUB3\ spec^{17}$ </code>

\OpfGuide[filename] {title} {type} Add file to the <guide> section in the OPF file. See Where do you start an ePUB and what is the <guide> section of the .OPF file? 18 for some details. Note that <guide> is deprecated in EPUB 3.

4.4 Build files

tex4ebook uses make4ht¹⁹ as a build system. It provides support for build files written in Lua. These build files can be used to call additional commands, like BibTEX or Makeindex, post-process generated HTML files, change the way how images are created, or to modify parameters of the conversion.

Sample build file can look like this:

 $[\]begin{array}{c} {\rm php} \\ {}^{19}{\rm https://github.com/michal-h21/make4ht} \end{array}$

The mode variable holds value of the --mode argument to tex4ebook. The draft mode is used for faster compilation, it calls LaTeX only once.

The Make:image function can configure handling of images created by extraction from the DVI file. It can be complex math, TikZ or PSTricks pictures, and so on. The \${<name>} placeholders are filled by tex4ebook with parameters like current page number of the image DVI file, or output image name

You can compile your document with a build file using the -e option:

```
tex4ebook -m draft -e build.lua filename.tex
```

See make4ht documentation for more details on configuration files.

4.5 .tex4ebook configuration file

tex4ebook supports a default build file, which is loaded automatically without need to use the -e option.

4.5.1 Location

The configuration file can be saved either in \$HOME/.config/tex4ebook/config.lua or in .tex4ebook in the current directory or it's parents (up to \$HOME).

See the make4ht documentation for an example and more information.

5 Troubleshooting

5.1 Kindle formats

tex4ebook uses kindlegen command for the conversion to Kindle formats (mobi, azw and azw3). Unfortunatelly, Amazon discontinued this command, so we use also ebook-convert provided by Calibre if kindlegen fails.

5.2 Fixed layout EPUB

The basic support for the Fixed layout EPUB 3 can be enabled using the following configurations:

```
\Configure{OpfMetadata}
{\HCode{<meta property="rendition:layout">pre-paginated</meta>}}
\Configure{OpfMetadata}
{\HCode{<meta property="rendition:orientation">landscape</meta>}}
\Configure{OpfMetadata}
{\HCode{<meta property="rendition:spread">none</meta>}}
\Configure{@HEAD}
{\HCode{<meta name="viewport" content="width=1920, height=1080"/>\Hnewline}}
```

Modify the dimensions in the <meta name="viewport> element according to your needs.

5.3 Math issues

Note that while mobi is supported by Amazon Kindle, most widespread ebook reader, it doesn't support MathML. This means that math must be represented as images. The same issue is true for the EPUB format as well. This is problematic especially for the inline math, as you may experience wrong vertical alignment of the math content and surrounding text. If your ebook contains math, a better solution is to produce the epub3 format, as it supports MathML. The issue with EPUB 3 is that majority of e-ink ebook readers don't support it. Reader applications exists mainly for Android and Apple devices. For books which contains mainly prose, all formats should be suitable, but EPUB 3 supports most features from web standards, such as CSS.

5.4 Compilation errors

When compilation of the document breaks with error during LaTeX run, it may be caused by some problem in TeX4ht configuration. Comment out line \usepackage{tex4ebook} in your source file and run command:

htlatex filename

if same error as in tex4ebook run arises, the problem is in some TeX4ht configuration. Try to identify the source of problem and if you cannot find the solution, make minimal example showing the error and ask for help either on $TeX4ht\ mailing\ list^{20}$ or on $TeX.sx^{21}$.

5.5 Validation

In case of successful compilation, use command line tool epubcheck 22 to check whether your document doesn't contain any errors.

Type

epubcheck filename.epub

5.5.1 Common validation issues:

• WARNING: filename.epub: item (OEBPS/foo.boo) exists in the zip file, but is not declared in the OPF file

Delete the filename-(epub|epub3|mobi|azw|azw3) folder and filename.epub. Then run tex4ebook again.

 $^{^{20} {\}tt http://tug.org/mailman/listinfo/tex4ht}$

 $^{^{21} \}verb|http://tex.stackexchange.com/|$

 $^{^{22}}$ you need to install it separately, see https://github.com/IDPF/epubcheck

• WARNING(ACC-009): hsmmt10t.epub/OEBPS/hsmmt10tch17.xhtml(235,15): MathML should either have an alt text attribute or annotation-xml child element.

This is accessibility message. Unless you use some macro with annotations for each math instance, you will get lot of these messages. Try to use epubcheck -e to print only serious errors.

6 Changes

- 2024/02/23
 - version 0.4 released.
- 2023/10/30
 - added the \epubpage command
- 2023/10/17
 - added the --build-dir command line option.
- 2023/10/15
 - don't set PNG as image format explicitly.
- 2023/06/02
 - prevent fatal errors in the zip command executable detection.
- 2023/05/29
 - save author and date globally.
- 2023/05/23
 - removed spurious numbers from TOC in Epub 3.
- 2023/03/17
 - released version 0.3j.
 - fixed bug in generating of TOC in the NCX file.
- 2023/03/02
 - released verision 0.3i.
 - check if file with TOC exists before processing.
- 2023/01/12

- added all mimetypes supported in Epub.

• 2023/01/09

- fixed handling of metadata for filenames with accented characters.

• 2022/12/15

- use lower case file extensions for mimetype matching.

• 2022/12/01

- set destinations for \label used inside of footnotes.
- fixed handling of multiple tables of contents in Epub 3.

• 2022/11/20

- added support for the fn-in option in the Epub 3 output.

• 2022/03/29

- fixed support for TFX filenames that contain dot.
- removed spurious comma that was introduced earlier.

• 2022/03/28

- documented the no-cut option.

• 2022/02/23

- extended the documentation about build files.
- deprecated the --resolution CLI argument.

2022/02/22

- print \subsubsection in the Epub TOC.

• 2022/02/18

- released version 0.3h.

• 2022/01/13

fixed issue where child TOC elements were inserted into <a> element.

• 2021/12/07

- print space after section number in Epub 3 TOC.

- keep original elements in Epub 3 TOC.

• 2021/12/04

- fixed support for appendix chapters in Epub 3.

• 2021/11/08

- released version 0.3g
- bug fix: removed spurious 0 character from the NCX file.

• 2021/11/05

- released version 0.3f
- fixed spurious numbers in NCX TOC caused by wrong use of \cs_if_exist_use:cTF command.

• 2021/10/08

- fix for \author support in amsart class.

2021/09/30

- released version 0.3e
- better detection if kindlegen was found.

• 2021/09/23

 use ebook-convert for convertsion to Kindle formats if kindlegen fails.

• 2021/08/22

- fixed cross-referencing issue related to unnumbered equations.

• 2021/07/26

- released version 0.3d

• 2021/05/29

renamed DeclareLanguage to \DeclareLanguageEbook. Fixes issue 78.

• 2021/05/15

- use assert in checking of existence of the zip command.

- replace colons in OPF id attributes and add trailing x if the id starts with number. It should fix some validation issues.

• 2021/05/02

- added more examples of configuration to the documentation.

• 2020/11/09

- set exit status

• 2020/11/09

- don't redefine PicDisplay configuration.

• 2020/11/06

- bug fix: remove custom elements from the NCX file in the Epub 3 format.
- released version 0.3c

• 2020/09/07

- released version 0.3b

2020/08/26

- fixed hiearchical structure in NCX TOC for chapters in backmatter and appendix
- load common_domfilters extension by default.

• 2020/07/09

- addded AZW and AZW3 format support.

• 2020/06/21

- save \title element
- save contents of \author in macro directly

• 2020/06/15

 remove child elements from elements that don't allow them in the OPF and NCX file.

• 2020/03/14

- explicitly list supported section types in the NCX table

• 2019/11/01

- released version 0.3a
- added tex4ebook- prefix to the output formats.
- removed unused files.

• 2019/11/01

- released version 0.3

• 2019/10/20

- fixed the TOC cleanup in the ePub 3 mode.
- added support for the page-spread-left and page-spreat-right properties.

• 2019/10/20

- addapted to use the make4ht logging mechanism.

• 2019/10/06

- fixed bug with void elements parsing in the OPF file.
- undo \XeTeXcharclass for the : character when the OPF file is generated.

• 2019/09/16

make the default build sequence before loading of the extensions.
 Some extensions need to modify the build sequence.

• 2019/08/28

- added support for reading input from STDIN.

• 2019/08/27

- added support for the --jobname command line option.

• 2019/08/25

– use the ${\tt mkparams.get_args}$ function to retrieve the command line options

• 2019/07/24

added support for the \author command with an optional argument

• 2019/05/09

- added support for the \title command with an optional argument

• 2019/04/04

- register appendix chapters and section in the OPF file list
- fixed handling of appendices in the NCX table of contents

• 2019/03/21

- released version 0.2c

• 2019/03/07

- use Luatexbase package in the documentation because of ${\tt Microtype}$ error
- remove <guide> element even in ePub 2
- added encoding attribute to XML declaration in the NCX and OPF files
- clean the temporary directory (filename-format) before file packing

• 2019/01/21

- added \Configure {@author}

• 2019/01/10

- released version 0.2b

• 28/11/2018

- added support for appendix sections to the NCX file

• 27/11/2018

 use the uni-html4 option by default. It will convert some math characters as Unicode chars

• 13/11/2018

- added -xetex option to the README

• 30/10/2018

use the original section numbering in TOC in the Epub 3 output.
 The numbering of the list is disabled by CSS.

- 18/10/2018
 - fixed the executable installation
- 03/09/2018
 - updated the --help message
- 30/08/2018
 - removed spurious \NoFonts command in the footnote configuration, it caused formating issues in the document following a footnote
- 22/06/2018
 - added support for the output directory selection
- 09/05/2018
 - added support for Polyglossia language codes
 - released version 0.2a
- 03/05/2018
 - fixed output format handling
- 16/04/2018
 - don't run Git if the Makefile is executed outside of Git repo
- 09/04/2018
 - released version 0.2
- 06/04/2018
 - documented the configuration file
- 02/03/2018
 - added support for .tex4ebook configuration file
- 28/02/2018
 - added media overlays handling
- 19/10/2017
 - added support for XeTeX

• 06/10/2017

- added support for Make4ht extensions

• 27/04/2017 Version 0.1e

- pack the accumulated changes for distribution
- set version number from git tag

• 17/01/2017

- process duplicate images only once
- check the OPF table for duplicated id attributes

• 11/01/2017

- pass settings table to the build file.

• 19/12/2016

- new configuration: \Configure{resettoclevels}{list of sectioning levels to be included in the NCX}

• 31/10/2016

- added tidyconf.conf to the Makefile

• 22/10/2016

- added support for new Make4ht command Make:add_file

22/08/2016

- fixed incorrect <dc:creator> generated by \author
- clean ids in the OPF file if they contain invalid characters at the beginning

• 31/07/2016

 use monospace font for command line options in order to prevent double hyphens to become dashes by ligaturing

• 22/07/2016

- removed debugging message when --lua option is used

• 07/04/2016

- Cut \part commands to standalone pages

• 05/04/2016

 bug fix: pages which contained math were arranged before other pages

• 31/03/2016 Version 0.1d

- bug fix: Unicode wasn't used by default
- bug fix: Formats weren't preserved

• 06/12/2015 Version 0.1c

- added --help and --version command line options

25/11/2015

- added missing language codes
- added \Configure{DocumentLanguage} for the cases when document language inferencing doesn't work

• 17/11/2015

- use mkparams for cli arguments handling.
- fixed inconsistencies between recent changes in make4ht and tex4ebook

• 24/09/2015 Version 0.1b

- info about new workaround for fontspec package

25/08/2015

– fatal error happened with epub3 when the document didn't contain the TOC

• 23/08/2015

- simple cleaning of the ncx file if tidy command isn't available

• 05/07/2015 Version 0.1a

- tex4ebook script was missing in the distribution zip file
- all links moved to footnotes in the documentation

• 29/06/2015 Version 0.1

- fixes in documentation

• 22/06/2015

- changes moved from README.md to CHANGELOG.md

18/06/2015

- replaced --mathml option with --mode. For mathml support, usemathml option for tex4ht.sty.
- lot of stuff was fixed in epub3 support.
- new command \OpfAddProperty

• 14/01/2015

- thanks Volker Gottwald for guide on [installing and using tex4ebook](https://d800fotos.wordpress.com/2015/01/19/createe-books-from-latex-tex-files-ebook-aus-latex-tex-dateien-erstellen/) on Windows
- 23/11/2014
 - added new command `\OpfGuide`, for adding items to `<guide>`
 section in the `opf` file. This is useful for `epub` and `mobi` formats.

Usage:

\OpfGuide[filename]{title}{reference type}

`filename` is optional, current file name is used when empty. See [epub secrets](http://epubsecrets.com/where-do-you-start-an-epub-and-what-is-the-guide-section-of-the-opf-file.php) article

• 20/10/2014

- fixed issues with starred sections

• 16/09/2014

- new features added
- new configuration file for `--tidy` option, mathml and html5 elements are supported. This means that many validation errors in `mathml`

- output can be fixed with `--tidy` option
- added configuration for all languages supported by `babel`
- `woff` and `ttf` fonts are supported
- added inline footlines in `epub3` format
- added `no-cut` command line option for breaking sections and chapters into standalone pages
- Please support [iniciative for improving mathml support](http://www.ulule.com/mathematics-ebooks/) in Gecko and Webkit engines. This will hopefully improve also Epub3 readers.

10/08/2013

- [`make4ht`](https://github.com/michal-h21/make4ht) is now standalone application which `tex4ebook` depends on. You must [install

it](https://github.com/michal-h21/make4ht#instalation) in order to use current tex4ebook version.