

Markdown Slides [EN]

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@asanzdiego

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Chapter 1

About

What is it?

- **MarkdownSlides** is a Reveal.js and PDF slides generator **from** **MARKDOWN** files, that also generate HTML, EPUB and DOCX documents.
- The idea is that **from a same MARKDOWN** file we can get **slides and books** without worrying about style, just worrying about content.

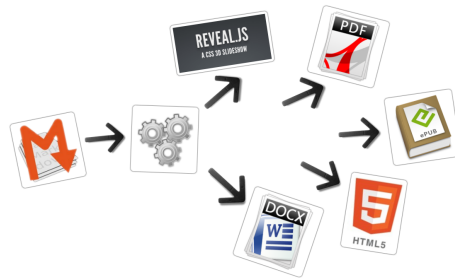


Figure 1.1:

Samples

- From a MARKDOWN file generate:
 - reveal-slides
 - reveal-slides-pdf
 - epub-book

- html-book
- docx-book
- pdf-book

Samples

- From this same MARKDOWN file “**plus**” files can be generated:
 - reveal-slides-plus
 - reveal-slides-pdf-plus
 - epub-book-plus
 - html-book-plus
 - docx-book-plus
 - pdf-book-plus

Contributors

- Cesar Seoane: <https://github.com/cesarseoane>
- Rubén Gómez García: <https://github.com/kaneproject>
- Raul Jimenez Ortega: <https://github.com/hhkaos>
- Pablo J. Triviño: https://twitter.com/p_trivino
- Marcos Chavarría: <https://twitter.com/chavarria1991>

Licence

- **This work is licensed under a:**
 - Creative Commons Attribution 3.0
- **The program source code are licensed under a:**
 - GPL 3.0

Chapter 2

Instalation

Dependencies

- It needs to be installed:
 - Pandoc
 - DeckTape
 - TeX Live
- It is automaticaly downloaded:
 - Reveal.js

Requirements

- Now, only works in Linux (may be on MacOS)
- It can works with Docker, but is in beta.

Download

<https://github.com/asanzdiego/markdownslides/archive/5.0.zip>

Docker

- Your installation with docker is still **under testing**.
- Any feedback is welcome.

Building docker image

- It will be at dockerhub soon:

```
$ docker build -t asanzdiego/markdownslides .
```

Launch the container

- Launch the container:

```
docker run -it -v "${PWD}":/home/markdownslides-master/"${PWD##*/}" \
    asanzdiego/markdownslides ./build.sh [clean] [mode] [folder]
```


Chapter 3

How to use

Creation

- First **copy the doc folder and rename it as you like**. This is not necessary but helps you organize your documents.
- **Create the md files** that you want to generate in the **md folder**. The md files are Markdown files which are nothing more than plain text files with extension md, and a lightweight markup (we should know it but it is very simple).

Imports

- We can add a file with `@import import/NOMBRE_FICHERO [startLine=NUMERO] [endLine=NUMERO] [showNumberLines]`

Firt example:

```
@import import/import-2.md
```

- Line 1 of import-2.md
- Line 2 of import-2.md
- Line 3 of import-2.md
- Line 4 of import-2.md

Second example:

```
@import import/import-1.md endLine=4
```

- Line 1 of import-1.md

- Line 2 of import-1.md
- Line 3 of import-1.md
- Line 4 of import-1.md

Third example:

```
@import import/import-1.md startLine=6
- Line 1 of import-2.md
- Line 2 of import-2.md
- Line 3 of import-2.md
- Line 4 of import-2.md
```

Fourth example:

```
~~~
@import import/import-1.md startLine=2 endLine=3 showNumberLines
~~~

2 - Line 2 of import-1.md
3 - Line 3 of import-1.md
```

Notes

- We can add notes that will be visible in book mode or if **you press the letter ‘s’ on the slides** with **@start-notes** and **@end-notes**.

```
<aside class="notes">
This is only visible in book mode or if you press 's' on the slides.
</aside>
```

This is only visible in book mode or if you press ‘s’ on the slides.

Plus notes

- We can create notes with **@plus** that will be only visible in “plus” files as long as in the build.properties we have **GENERATE_PLUS_VERSION=‘yes’**

@plus the lines below will only be available in the plus version

```
@plus @import import/import-2.md
```

the lines below will only be available in the plus version

- Line 1 of import-2.md
- Line 2 of import-2.md
- Line 3 of import-2.md

- Line 4 of import-2.md

MathJax

- We can use the MathJax lib.

So this:

```
$$x = \{-b \pm \sqrt{b^2-4ac}\}.$$
```

Will be converted to:

$$x = -b \pm \sqrt{b^2 - 4ac}.$$

Levels

- You can have as many levels as you want. Example:

```
# Level 1 (on slides and book)
```

```
## Level 2 (on slides and book)
```

```
### Level 3 (in book but stays level 2 in slides)
```

But only in books. In slides you can only have 2 levels.

Numbering

- You can name several slides with, (II), etc. But only the first one will be exported to the book. Example:

```
## Foo Bar
```

```
## Foo Bar (II)
```

In the book will be:

```
## Foo Bar
```

Configuration

We can configure the files that we want to generate from the file `build.properties`

```
#GENERATION_MODE='min/med/max'
DEFAULT_GENERATION_MODE='min'
```

```
GENERATE_PLUS_VERSION='yes'
```

```
BUILD_REVEAL_SLIDES='min'
BUILD_REVEAL_SLIDES_PDF='med'
```

```
BUILD_HTML_BOOK='min'
BUILD_PDF_BOOK='med'
BUILD_DOCX_BOOK='max'
BUILD_EPUB_BOOK='max'
```

We can also configure some other stuffs from the file **build.properties**

```
CLEAN_LIB_FOLDER='no'
COPY_IMG_FOLDER='no'
ZIP_EXPORT_FOLDER='no'
NUMBER_SECTIONS='no'
NUMBER_OFFSET='no'
CURRENT_NUMBER_OFFSET=1
REMOVE_GENERATE_MD_FILES='yes'
```

We can also configure some other stuffs about reveal.js from the file **build.properties**

```
#THEME='black/white/league/sky/beige/simple/serif/blood/night/moon/solarized'
REVEAL_JS_THEME='beige'
REVEAL_JS_SHOW_TITLE_FOOTER='yes'
REVEAL_JS_DEFAULT_TITLE_FOOTER='yes'
REVEAL_JS_TITLE_FOOTER="'MarkdownSlides by @asanzdiego :-)'"
REVEAL_JS_SHOW_MENU='yes'
REVEAL_JS_SHOW_CHALKBOARD='yes'
REVEAL_JS_ONLINE='no'
```

Build

- In the root folder you have to execute:

```
./build.sh [mode] [folder]
```

- **[mode]** can take the next values: **min**, **med** o **máx**.
- **[folder]** folder wher to find the md files. If no folder name, it will convert all md files of all the folders.

Chapter 4

Releases notes

Release 1.0

- Export slides to:
 - reveal-slides
 - reveal-slides-pdf
 - beamer-slides
 - deck-slides
- Export books to:
 - html-book
 - docx-book
 - odt-book
 - pdf-book
- Added generation modes ‘min’, ‘med’ and ‘max’.
- Automatic download the external libraries.
- Numbering, (II), (III) ...

Release 2.0

- Export slides to:
 - reveal-slides
 - reveal-slides-pdf
 - reveal-slides-online
- Export books to:
 - html-book
 - docx-book

- epub-book
- Deprecated:
 - beamer-slides
 - deck-slides
 - odt-book
 - pdf-book
- Added menu thanks to Raul Jimenez Ortega.
- Added dockerfile thanks to Rubén Gómez García.
- Clean zip files from libraries thanks to Cesar Seoane.
- Added type ‘online’ thanks to Cesar Seoane.
- Fixed bug HTTPS images thanks to Cesar Seoane.
- Loading the online libraries with HTTPS thanks to Cesar Seoane.
- Configuration PDF resolution thanks to Cesar Seoane.
- New format ‘epub’.
- Added ‘bash strict mode’.
- Added ‘build.properties’ to configure file generation.
- Added the command ‘clean’ to clean the lib folder.
- Download a specific version of external library.
- Added notes only visible in book mode or if you press ‘s’ on the slides.
- Normalization of images in slides.

Release 3.0

- Clean the code.
- Remove deprecated exportation files.
- Improve de configuration in build.properties file.
- Update Reveal.js dependencies.
- Export to PDF with DeckTape.
- Book creation from some md files with enumeration.
- Possibility of adding a footer to the slides.

Release 4.0

- Fix some bugs.

- Add bookmarks to the slides.
- Improve file names.
- Add MathJax/ lib thanks to Pablo J. Triviño.

Relese 5.0

- Clean the code.
- Fixed some bugs.
- Removed the command ‘clean’ to clean the lib folder because it can be done via properties file.
- Added again the option to export to PDF in book format.
- Added the possibility to import files or fragments from an external file.
- Added the plugin chalkboard thanks to Marcos Chavarría.
- Added the possibility to create a ‘plus’ version with extra information in slides and books.

Chapter 5




Author

Adolfo Sanz De Diego

- Old JEE web developer.

- Now I'm **Technical Teacher Advisor** in the TIC service of the General Direction of Infrastructure and Services of the Ministry of Education and Youth of the Community of Madrid.
- In addition I work as **trainer specialized in development technologies**.

Some projects

-  Hackathon Lovers: a group created for entrepreneurs and developers who loves hackathons.
- Password Manager Generator: an online password manager.
- MarkdownSlides: a script to create slides from MD files.

Where to find me?

- My nick: **asanzdiego**
 - Blog: asanzdiego.com
 - GitHub: github.com/asanzdiego
 - Twitter: twitter.com/asanzdiego
 - LinkedIn: linkedin.com/in/asanzdiego
 - SlideShare: slideshare.net/asanzdiego