Markdown Slides [EN]

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@asanzdiego

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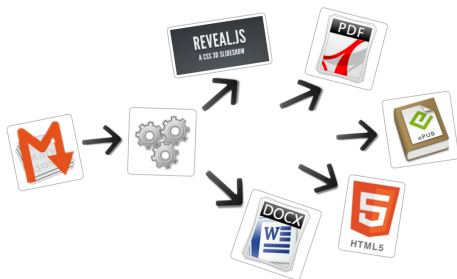# Contents

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.

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

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/6.0.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]
```

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**.

```
@start-notes
This is only visible in book mode or if you press 's' on the slides.
@end-notes
```

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
```

MathJax

- We can use the MathJax lib.

So this:

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

Will be converted to:

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

Code

```javascript
function helloWorld() {
    alert('Hello world');
}
```

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 stufs 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 stufs aboout 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.

Releases notes

Relese 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) . . .

Relese 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.

Relese 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.

Relese 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.

Relese 6.0

- Added the possibility to export to PowerPoint.
- Updated all the libraries to the latest version.
- Updated the templates.
- Updated the Dockerfile.

Author

Adolfo Sanz De Diego

- **Old JEE web developer**.

- Now I'm **Tecnical Teacher Advaisor** 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
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