

MARKDOWN SLIDES [EN]

ADOLFO SANZ DE DIEGO

@ASANZDIEGO

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

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

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
- It is automatically 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/master.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).

NOTES

You 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>
```

MATHJAX

You 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 (I), (II), etc. But only the first one will be exported to the book. Example:

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

In the book will be:

```
## Foo Bar
```

CONFIGURATION (I)

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

```
BUILD_REVEAL_SLIDES='min'  
BUILD_REVEAL_SLIDES_PDF='min'  
BUILD_REVEAL_SLIDES_ALTERNATIVE='med'  
BUILD_REVEAL_SLIDES_ALTERNATIVE_PDF='med'  
BUILD_REVEAL_SLIDES_ONLINE='max'  
BUILD_REVEAL_SLIDES_ONLINE_ALTERNATIVE='max'  
  
BUILD_HTML_BOOK='min'  
BUILD_DOCX_BOOK='med'  
BUILD_EPUB_BOOK='max'
```

CONFIGURATION (II)

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='yes'  
NUMBER_OFFSET='no'  
CURRENT_NUMBER_OFFSET=1  
REMOVE_MD_TO_BOOK='yes'  
REMOVE_MD_TO_SLIDES='yes'
```

CONFIGURACIÓN (III)

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_ONLINE='yes'
```

BUILD

In the root folder you have to execute:

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

- **[clean]** clean the folder **lib** and download the dependencies again.
- **[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 (I)

- Export slides to:
 - reveal-slides
 - reveal-slides-pdf
 - beamer-slides
 - deck-slides

RELESE 1.0 (II)

- Export books to:
 - html-book
 - docx-book
 - odt-book
 - pdf-book

RELESE 1.0 (III)

- Added generation modes 'min', 'med' and 'max'.
- Automatic download the external libraries.
- Numbering (I), (II), (III) ...

RELESE 2.0 (I)

- Export slides to:
 - reveal-slides
 - reveal-slides-pdf
 - reveal-slides-online

RELESE 2.0 (II)

- Export books to:
 - html-book
 - docx-book
 - epub-book

RELESE 2.0 (III)

- Deprecated:
 - beamer-slides
 - deck-slides
 - odt-book
 - pdf-book

RELESE 2.0 (III)

- 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.

RELEASE 2.0 (IV)

- New format 'epub'.
- Added 'bash strict mode'.
- Added 'build.properties' to configure file generation.
- Added 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**.



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, Youth and Sports of the Community of Madrid.
- In addition I work as **trainer specialized in development technologies**.

ALGUNOS PROYECTOS

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

WHERE TO FIND ME?

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