

# **MARKDOWN SLIDES [EN]**

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# 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.



Markdown Slides [EN] - Adolfo Sanz De Diego - @asanzdiego

# SAMPLES

From a **MARKDOWN** file generate:

- reveal-slides
- reveal-slides-pdf
- epub-book
- html-book
- docx-book
- pdf-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](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
  - TeX Live
- 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**.

## RELESE 5.0


- Fixed some bugs.
- 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 <https://github.com/rajgoel/reveal.js-plugins/tree/master/chalkboard>



# 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](http://asanzdiego.com)
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