

# **MARKDOWN SLIDES [EN]**

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**@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 (I)

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

# SAMPLES (I)

- 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](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 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/releases>

# 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 (I)

- 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

# IMPORTS (II)

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

# IMPORTS (III)

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

# IMPORTS (IV)

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
```

# 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:

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



# CODE

```
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 (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**

```
DEFAULT_GENERATION_MODE='min'  
GENERATE_PLUS_VERSION='yes'  
DEFAULT_BUILD='REVEAL_SLIDES_PDF'  
  
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'
```

## 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='no'  
NUMBER_OFFSET='no'  
CURRENT_NUMBER_OFFSET=1  
REMOVE_GENERATE_MD_FILES='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_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



## RELEASE 1.0 (I)

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

## RELEASE 1.0 (II)

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

## RELEASE 1.0 (III)

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

## RELEASE 2.0 (I)

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

## RELEASE 2.0 (II)

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

## RELEASE 2.0 (III)

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

## RELEASE 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 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**.

# RELEASE 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.

## RELEASE 6.0

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

## RELEASE 6.\*

- New image of MarkdownSlides.
- Added Bootstrap to the html template.
- Added the DEFAULT\_BUILD property.
- Minor changes.




**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](http://asanzdiego.com)
  - GitHub: [github.com/asanzdiego](https://github.com/asanzdiego)
  - Twitter: [twitter.com/asanzdiego](https://twitter.com/asanzdiego)
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