

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
- 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**. It is important to rename it to prevent errors.
- **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
```

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.

RELEASE 7.0

- Updated all the libraries to the latest version.
- Updated the templates.
- Updated the Dockerfile.




AUTHOR

ADOLFO SANZ DE DIEGO

- I started **developing web applications** until I transitioned into teaching.
- Currently, I am the **Head of the Educational Platforms Service at the Digitalization Department of the Community of Madrid**.
- I collaborate as a teacher at the **University of Alcalá** and as a trainer at **Pronoide**.

SOME PROJECTS

-  **Hackathon Lovers**: a group created for entrepreneurs and developers who loves hackathons.
- **Password Manager Generator**: an online password manager.
- **Extension of Password Manager Generator**: an extension for browsers of Password Manager Generator.
- **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