

# Markdown Slides [EN]

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# Chapter 1

## 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.

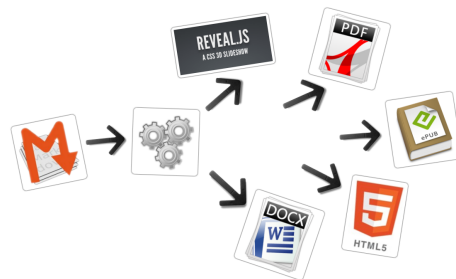


Figure 1.1:

### 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

## Chapter 2

# 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/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]
```



## Chapter 3

# 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>
```

This is only visible in book mode or if you press ‘s’ on the slides.

### 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, (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**

```
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'
```

We can also configure some other stuffs 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'
```

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.



## Chapter 4

# Releases notes

### Release 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) ...

### Release 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 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.

## **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>







## Chapter 5




## 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)
  - LinkedIn: [linkedin.com/in/asanzdiego](https://linkedin.com/in/asanzdiego)
  - SlideShare: [slideshare.net/asanzdiego](https://slideshare.net/asanzdiego)