

LEARN WEB

ale66

REVEAUS

REVEALJS

A personal GitHub project on making presentations that are in fact HTML pages (with lots of JS inside)

goes above and beyond Powerpoint

The HTML page is self-contained and can be sent/loaded/published anywhere

In case, we can always edit the HTML page to tweak or add settings

Tutorial: revealjs.com/

Online editor: slides.com/

PROGRAMME:

- open VS Code, put down quick Markdown notes, e.g., in file `my_notes.md`
- insert links and images
- create slides with

```
1 >pandoc --standalone --from markdown my_notes.md --to revealjs -o my_pres.html
```

COMMANDS

Pandoc is a professional tool and needs Powershell (Win) or Terminal (MacOs) to be launched

The following instructions for Win can be applied almost verbatim to MacOs

For step-by-step instructions open `exercise/README.md` in VS code and read it with the preview

COMMANDS: WIN11

1. open the folder where the Markdown presentation file is, or where you want it to be.
2. right-click and start a Terminal or a Powershell
3. notice: you can also start a terminal/powershell from the ‘Start’ menu, but in such case you need the terminal to be ‘pointed’ to the working folder

If not we need to cd to the right directory, e.g.,

```
1 cd C:/Users/aless/Dowloads/git/learn-web/96-revealjs
```

where the *path* depends on your arrangements

WEB PRESENTATIONS WITH MD

RUN PANDOC

open a terminal from inside your work folder

if, e.g., `my_notes.md` is your presentation, give command

```
1 pandoc --standalone --from markdown --to revealjs my_notes.md -o my_pres.html
```

Pandoc reads `my_notes.md` and creates a *standalone* (no auxiliary files) HTML page:

`my_pres.html` will contain [lots of] JS code that is *injected* to create navigation, focus, pens etc.

open it with Firefox to run the presentation.

use arrows to move, o for overview

THEMES AND ANIMATIONS

```
1 pandoc --standalone --from markdown --to revealjs my_pre.md -o my_pres.html -V tra
```

Check the available options on [slides.com](#)

WITH CSS

```
1 pandoc --standalone --from markdown --to revealjs my_pres.md -o my_pres.html  
2 --css my_revealjs_style.css -V transition=convex -V theme=solarized --verbose
```

Check out transition effects

Check out themes

Test combinations to find one you like

This theme is `moon` with transition `none`

Try, e.g., `dracula` with `zoom`

EXERCISE

For page numbers, open your HTML presentation and add, towards the bottom:

```
1 Reveal.initialize({  
2     slideNumber: 'c/t'  
3});
```

Save and reload in a browser: voilà!

POST ACTIVITIES

1. study the produced HTML file: what does it link to? Can we edit it?
2. Visit the project [GitHub page](#) for updates.
3. Look at image embeddings such as the Revealjs logo in this presentation
4. can you use pandoc to create a PDF of your presentation?
(could you write your MA thesis in Markdown?)

EXTENSIONS

QUARTO

an extension of Markdown that supports publishing

`my_notes.qmd` ->

`my_pres.html, my_pres-revealjs.html, my_pres.pdf ...`

it sets up Pandoc to produce more complex documents

all we've seen about Markdown to Revealjs is valid in Quarto

See the presentation of [Quarto-appearance](#)