

The Slide Deck

Skills4EOSC T2.3

Instructor Led Learning

- Augment the learner's notebook with a slide deck
- Options
 - Power Point open pptx
 - recommended for visually appealing presentations
 - towards rich learning experience
 - Quarto qmd (or similar) + rendering
 - to provide clean, simple slides
 - improved reusability

Power Point Slides

- design elements are attractive and draw attention
 - alignment
 - colour palette
 - charts and graphs
 - fonts
 - animations
 - transitions
 - ...
- export to PDF for learners
- 1-6-6 rule
 - 1 topic per slide
 - 6 bullets per topic
 - 6 words per bullet
- Guy Kawasaki's 10 slides /20 mins /30 pts rule
- 80-20 rule
 - 80% of your time = visuals
 - 20% of your time = words

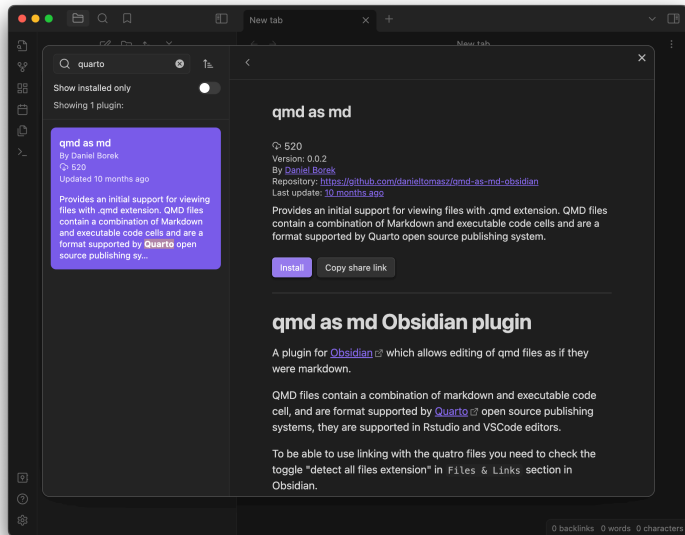
Quarto presentation

- [Quarto](#) = open-source scientific and technical publishing system
- write using markdown
- Variety of formats for creating presentations:
 - [reveal.js](#) (HTML)
 - [PowerPoint](#) (MS Office)
 - [Beamer](#) (LaTeX/PDF)

Setting up Quarto

1. Install Quarto from the [Get Started](#) page
2. Setup Obsidian to be able to create Quarto presentations (.qmd files)
 - add the qmd as md community plugin
 - use the [template_quarto.qmd](#)
 - run Quarto to render to pptx

QMD as MD community plugin



- Settings -> Community Plugins
 - Turn on community plugins
- search for quarto
 - install qmd as md
 - enable

qmd as md plugin in Obsidian

The QMD file

- enhanced markdown
- examples for basic layouts and options are provided in the template file



example content of a qmd file

Header

- the information from the header is used for the title slide
 - **title**
 - **author**
 - **date**
- **format: pptx**
 - used to render to Power Point file
- **reference-doc: template_file.pptx**
 - the Power Point template that should be used
 - note: it only recognises the basic slide layout

Basic slides

- use heading 1 (#) for **section title** slides
- normal **slide title** is heading 2 (##)
- use (-) for an unnumbered **bullet list**
- or (1, 2, ..) for a numbered bullet list
- tables and images are referenced as in regular MD
 - image alt text is used as **image caption** (use for attribution text)

Slide with speaker notes

Notes should be provided between a specific set of commands that start with 3 columns ::: as presented here

```
::: {.notes}
```

```
Speaker notes go here.
```

```
:::
```

Slide with columns



Image by [Elias](#) from [Pixabay](#)

- are defined between
 - `::: {.columns}`
 - and
 - `:::`
 - each column content should be between
 - `::: {column width="40%"}`
 - and
 - `:::`
- content can be image, table, text, bullets

Run Quarto

1. open terminal
2. navigate to the location of the qmd file
3. run
 - **quarto render FILENAME.qmd**
4. the pptx file will be generated in the same location

Summary

- a slide deck is an optional additional learning content
- used in instructor led environment
- should enrich the learning experience
- use an open file format such as
 - pptx
 - qmd
 - or similar