

ÚFAL slides template

This time in Marp!

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What is this?

What is this?

- This slide deck is created in [Marp](#), a Markdown-to-slides framework.
- It is styled with the `ufa1.css` template:
 - Inspired by the ÚFAL [Google Slides template](#) and Milan Straka's [SlIMD template](#).
 - You can also [contribute](#)! 🙌



Main features

-  **Easy editing:** Create slides in your favourite Markdown editor with live preview.
-  **Git-friendly:** You can version-control your presentations.
-  **Multiple export formats:** Export to PDF, HTML, or PPTX.
-  **LaTeX support:** Mathematical typesetting with MathJax/KaTeX.
-  **HTML integration:** Use advanced HTML snippets alongside Markdown.
-  **Consistency:** Everything is nice and aligned without too much effort.
-  **Auto footer:** No more manual copying of the bottom orange bar 🤝
-  **Popular framework:** Marp has good [user support](#) and [docs](#).

How to use it?

You can use the Markdown syntax for creating slides.

This is an H3 header.

- This is a bulleted list.
 - With a nested item.

1. And this is a numbered list.

You can also use **bold text**, *italic text*, [[links](https://ufal.cz)](<https://ufal.cz>), monospace, etc.

The --- sequence works as the slide delimiter.

You can also [enable HTML](#) for some advanced tweaks.

Slide layout can be modified using class directives `<!-- _class: classname -->`:

- **large** - Bigger font
- **huge** - Even bigger font
- **center** - Center-aligned content
- **middle** - Vertically centered
- **blank** - No header/footer, clean layout
- **part** - Section divider
- **summary** - Final slide with boxed content
- **no-logo** - No ÚFAL logo in the corner

Combine classes: `<!-- _class: center middle huge -->`

Image placement and sizing

Use [Marp image syntax](#) to include an image:

```
![h:150px](img/transformer.png)
```



Or [enable HTML](#) to use `` elements:

```

```

This slide uses the center class.

LaTeX typesetting

You can render both inline LAT_{EX} and separate equations:

$$\mathcal{L}(\theta) = \sum_{i=1}^n \log p(y_i | x_i, \theta) - \lambda \|\theta\|_2^2$$

This slide uses classes center, middle, huge, and blank.

Python code

Syntax highlighting is supported:

```
def factorial(n):  
    if n == 0:  
        return 1  
    else:  
        return n * factorial(n - 1)
```

Use class `col{2,3,4}` for multiple columns.

Javascript code

We use `<style scoped>` for making code font size larger on this slide.

```
function greet(name) {  
    console.log(`Hello, ${name}!`);  
}
```

Model	Metric 1	Metric 2	Rating
not LLM 1	14.5	●	Mediocre
not LLM 2	5.5	◆	Worst
not LLM 3	6.9	■	Even worse
LLM	99.8	♥	Greatest thing ever!

- The `tablewide` class stretches the table to full width.
- You can add a source link using the `<sub>` tag.
 - Use the `source slide` class to have such a link in the top right corner.

How to animate lists

- This is an **animated bulleted list** 💣
 - How is that possible?
 - Because we use '*' instead of '-' for the bullets! 💡
-
1. Similarly, this numbered list using 'X)' instead of 'X.' is animated.
 2. Of course this works only in HTML, not PDFs.
 3. You can still copy the slides for PDF animations.

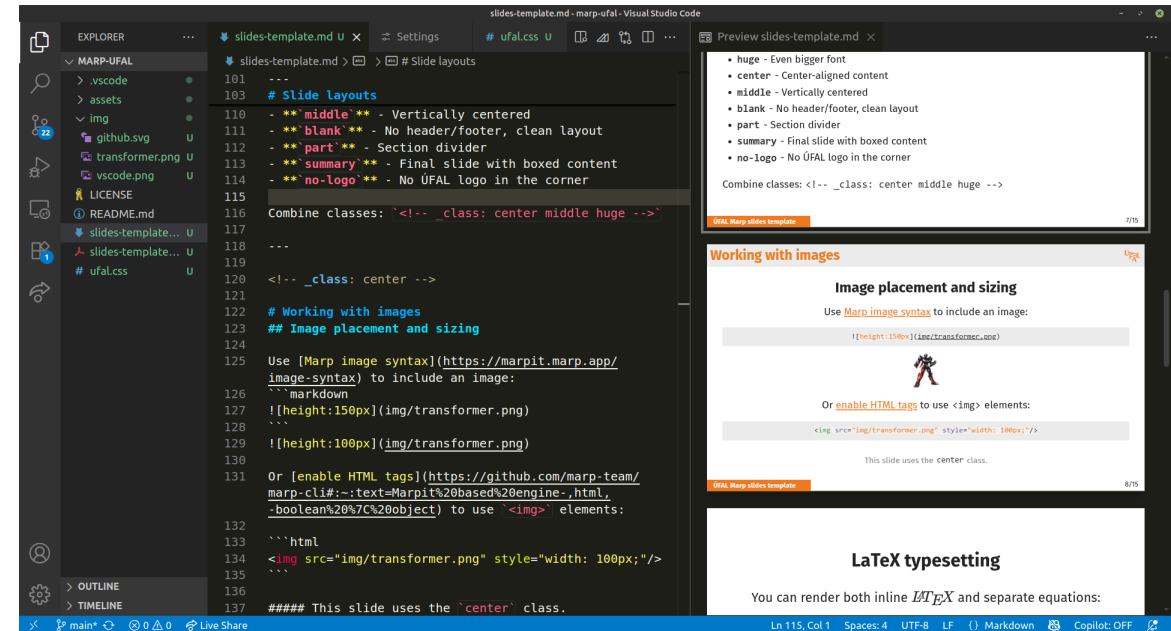
Practical tips

VSCode plugin

Install the [Marp VSCode plugin](#) to get **live preview**.

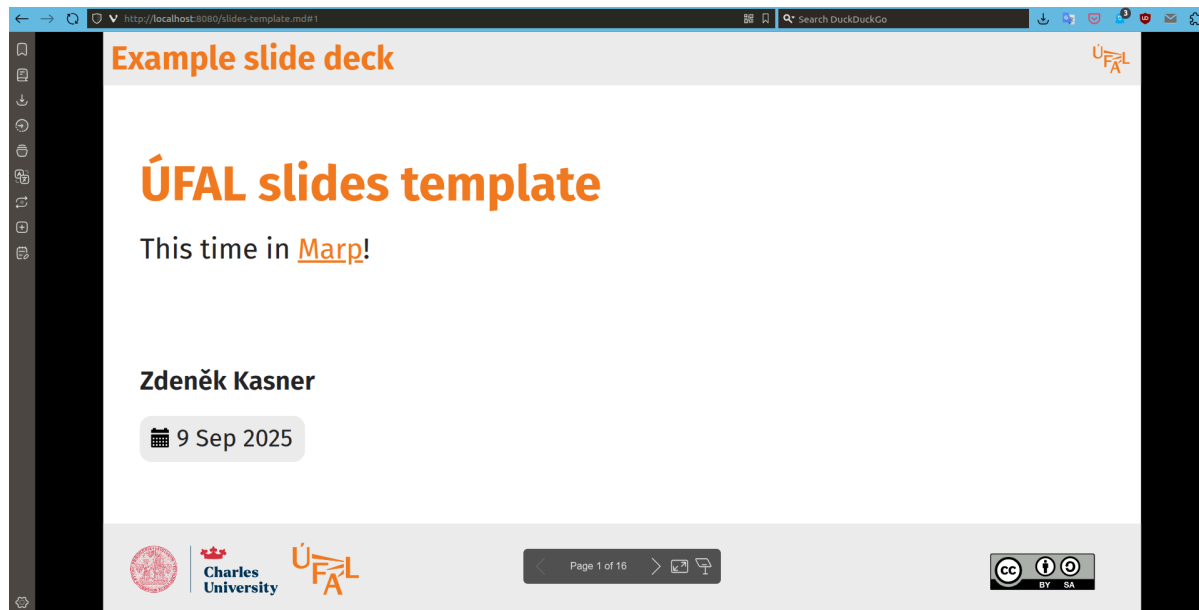
Also see the following settings:

- `markdown.marp.themes`: Add the path to `ufal.css`.
- `markdown.marp.html`: Set to `all` (if you trust your code).

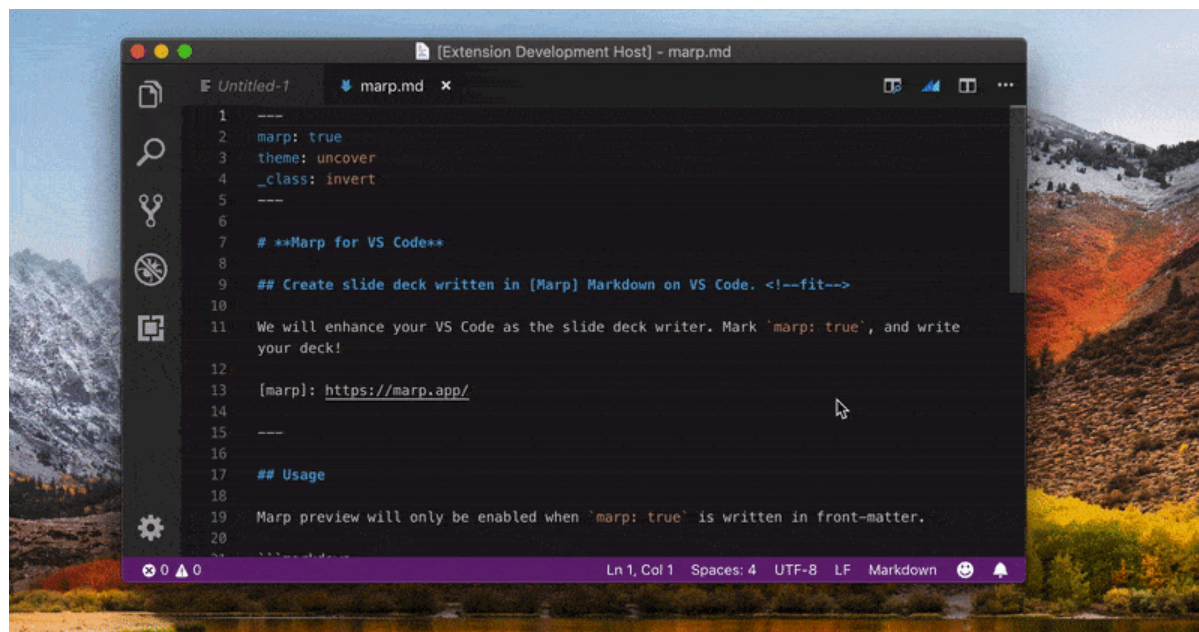


marp-cli live server

```
$ marp --html -s .  
[ INFO ] [Server mode] Start server listened at http://localhost:8080/ ...
```



VSCode



marp-cli

```
$ marp slide-deck.md -o output.html  
$ marp slide-deck.md -o converted.pdf  
$ marp slide-deck.md -o converted.pptx
```


- [How to code beautiful presentations with Marp](#)
- [Community themes](#)
- [Arivu Theme](#)
- [Live slides preview for development](#)
- [Marpyter - Marp for JupyterLab](#)
- [Obsidian plugin](#)
- [Discussion forum](#)

Summary

- This template is...
 - not as tremendous as the LaTeX one.
 - not that easy to collaborate on as the Google Slides one.
 - not equipped with as many features as the SlimD one.
- But it is simple to use and looks great.

<https://github.com/kasnerz/marp-ufal>

Panels

panel 1

content
more
content
and even more content

panel 2

some other content

panel 3

yet another content