

CMPT 306 Guest Lecture

Modern Slide Workflow with Marp

Agenda

1. What is Marp?
2. Authoring Slides in Markdown
3. Theming & Layout
4. Exporting (HTML / PDF / PPTX)
5. Tips & Best Practices

What is Marp?

- Converts Markdown into presentation slides
- Supports HTML, PDF, PPTX outputs
- Git-friendly plain text workflow
- VS Code extension for live preview

Basic Slide

A slide is just separated by `---`.

Heading

Some bullet points:

- Point A
- Point B

Layout Classes

Use built-in classes for layout tweaks.

```
<!-- _class: lead -->  
# Big Title Slide
```

Speaker Notes

Add notes with `<!-- presenter: ... -->` (visible in presenter mode).

Images

Add size control via directives like `width:500` .

Two-Column Trick

Use raw HTML for custom layout if needed.

Left

- Item 1
- Item 2

Right

```
Code block  
multi line
```


Theming

You can apply built-in themes or create a custom one.

```
---  
theme: default  
---
```

Custom themes: create a CSS file and pass `--theme set` option.

Exporting

Use npm scripts:

- `npm run marp:watch` (dev)
- `npm run marp:build` (HTML deck)
- `npm run marp:pdf` (PDF)
- `npm run marp:pptx` (PPTX)

Outputs go into `dist/`.

Presenter Mode (Extension)

VS Code Marp extension gives preview & presenter view.

Tips

- Keep slides concise
- Prefer semantic Markdown
- Version control for iteration
- Reuse snippets & components

Q & A

Questions?

Thank You

github.com/TmacP/cmpt306guestlecture