

# GouTP @ SCEE

- *About:*  
Markdown: concept, syntax, tools  
Wiki & MediaWiki
- *Date:*  
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# Outline

## 0. Intro: markup languages

## 1. Markdown

- Syntax, examples
- Experiment with *Markdown* ✨ !
- 2 tools: demo of *Typora* and *Marp*
- Pro tool : `pandoc` (another GouTP)

## 2. MediaWiki

- For Wikipedia, and our internal SCEE Wiki

# Intro: why using markup languages?

## Facts

- LaTeX and HTML can be painful to write manually 😞
- Hard to read and parse for a human, and need a learning time

## Solution ?

- Use a **markup language as simple as possible** 😊
- For many use, a lightweight markup language is enough:
  - i. write *simple text* with light markup
  - ii. *convert* the text to PDF, LaTeX, HTML etc.
- Example: *Wikipedia* pages are not written in HTML ...

# 1. Markdown

Close to the "natural" syntax we use in emails 


- Emphasis: `*italic*`, `**bold**`, `~~striked~~`
- Lists: unnumbered with `- item`, numbered with `1. item`
- Titles: `# Title 1`, `## Heading 2`, `### Heading 3` etc
- Links: `[text](address)` and image: `![alt](cat.png)`
- Quote: like emails, `> quote ...`

# Example of Markdown output

## Heading 2

- Emphasis: *italic*, **bold**, ~~striked~~
- Lists, one item by line:
  - i. unnumbered with `- item`
  - ii. numbered with `1. item`

## Heading 3

- Links: [commonmark.org](http://commonmark.org)
- and image: 

Quote: like emails, `> quote ...`

# Markdown tutorial

No official reference for the syntax, but the best reference is [CommonMark \( CommonMark.org \)](https://CommonMark.org)

- Markup reference: [CommonMark.org/help](https://CommonMark.org/help) 🙋
- 5 minutes tutorial: [CommonMark.org/help/tutorial](https://CommonMark.org/help/tutorial)

  → **Let's do it now!**

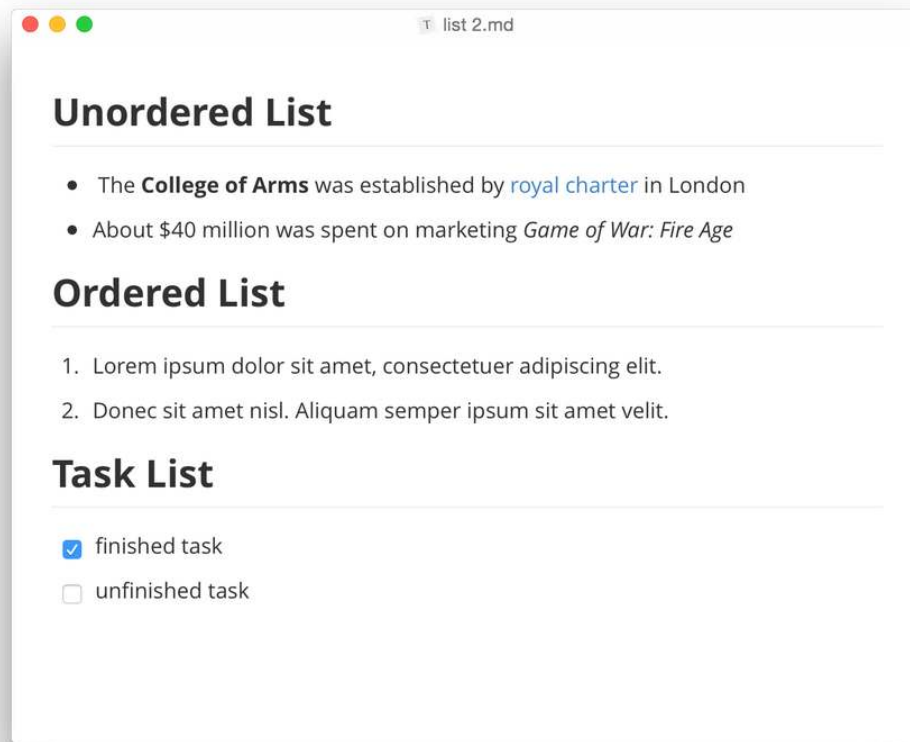
There is plenty of syntax extensions: for tables, footnotes, etc

# Demo time: Typora for notes

- Markdown *document* writer:

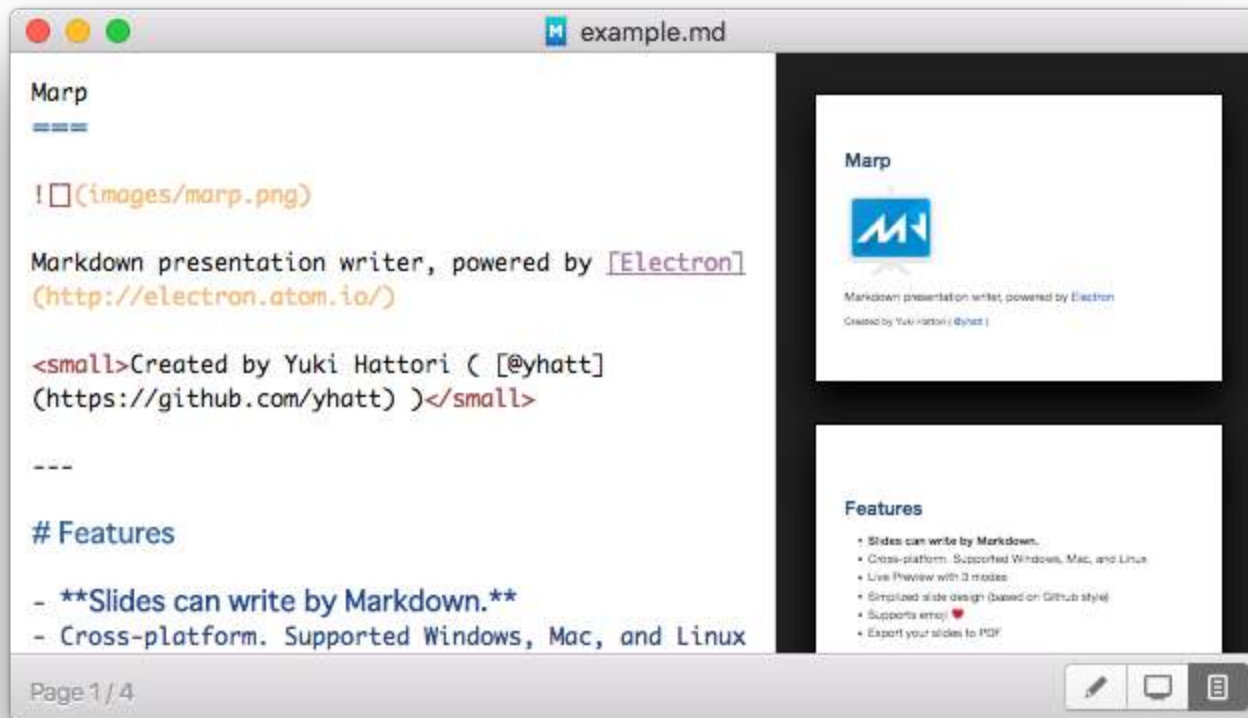
[typora.io](http://typora.io)

Images, **Lists**, Tables, Code Fences, Math Blocks, YAML Front Matters, Toc, etc..



# Demo time: Marp for slides

- Markdown *presentation* writer, free and open-source:  
[yhatt.github.io/marp](http://yhatt.github.io/marp)






# Marp: Features

- Free and open-source
- **Slides are written in pure Markdown.**
- *Cross-platform.* Supports Windows, Mac, and Linux
- *Live Preview* with 3 modes
- Slide themes and custom background images
- Supports emoji ❤️
- Render maths in your slides:

$$e^{i\pi} = -1$$


- Export your slides to PDF

## 2. MediaWiki

- A Wiki tool, free and open-source, powering Wikipedia   
→ [mediawiki.org](https://mediawiki.org)
- Syntax very close to Markdown, only small differences

Used internally @ SCEE for our MediaWiki: *demo time*

[MediaWiki on WS4](#) (→ `HP-SCEE-1` , IP: `172.16.3.80` )

- Log in, edit a page, save it  
 → **Let's try it now!**

# Conclusion 🍬

- I hope you learned how to use **Markdown & MediaWiki**
- Now... use it ! 😊
- Try to edit our [SCEE MediaWiki](#), if you want to add content 🔍
- If you are curious about a more complete use of Markdown, try to practice with it, and wait for next GouTP on **Advanced Markdown with pandoc** !

*Thanks for coming!* 🙌