

GouTP @ SCEE

- *About:*
 - Markdown: concept, syntax, tools
 - Wiki & MediaWiki
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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
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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:
 1. write *simple text* with light markup
 2. *convert* the text to PDF, LaTeX, HTML etc.
 - Example: *Wikipedia* pages are not written in HTML ...
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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,:
 1. unnumbered with `- item`
 2. numbered with `1. item`

Heading 3

- Links: commonmark.org
- and image: 

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

Markdown tutorial

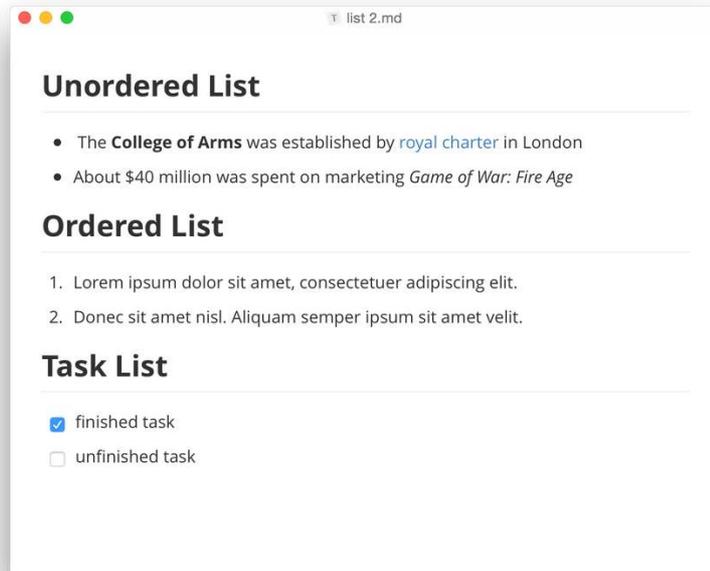
No official reference for the syntax, but the best reference is [CommonMark](http://CommonMark.org) (CommonMark.org)

- Markup reference: CommonMark.org/help 
- 5 minutes tutorial: CommonMark.org/help/tutorial
 :keyboard: → **Let's do it now!**

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

Demo time: Typora for notes

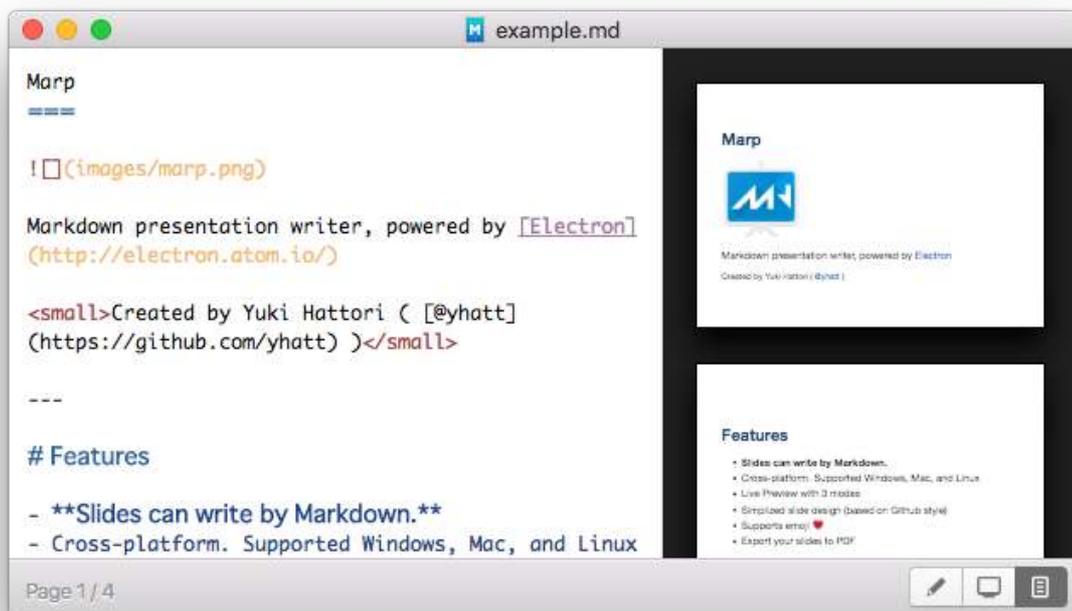
- Markdown *document* writer:
typora.io



Demo time: Marp for slides

- Markdown presentation writer, free and open-source:

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:
$$e^{i\pi} = -1 \quad (1)$$
- Export your slides to PDF

2. MediaWiki

- A Wiki tool, free and open-source, powering Wikipedia 🌐
→ 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! 🙌