

# How to use pandoc

## Markdown to Beamer and more

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### What is Pandoc?

- Pandoc is a Haskell library for converting from one markup format to another, and a command-line tool that uses this library.

### Example: Markdown to Beamer

(For MacOS)

0. Install Pandoc.
1. Write a markdown file like this, and save it as `test.md`.
2. open terminal and run `$ pandoc -t beamer -o test.md presentation.pdf`
3. Now you have the resulting `presentation.pdf` file.

### Equations

Pandoc can also convert equations with `$inline$` and `$$displaymode$$`, like  $e^{i\pi} + 1 = 0$  and

$$\sin^2 x + \cos^2 = 1.$$