

How to use this beamer templates

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Introduction

What is Beamer?

- beamer is a \LaTeX class
- You can write a cool presentation in \TeX
 - like this

Presentation Tools

- PowerPoint (GUI)
- Keynote (GUI)
- Beamer (Text)

GUI is difficult. Writing $\text{T}_{\text{E}}\text{X}$ is also difficult.

Find more convenient tools!

Use Pandoc

Pandoc - pandoc.org

is a *document* \mapsto *document* convert tool

- many document formats are supported!!

- 1 .mkd (markdown)

- 2 .html .xml

- 3 .docx (Microsoft Words)

- 4 .tex .pdf

- 5 and more

- *template* is used for convert

- pandoc has many templates for many formats

- you can custom and use your own templates

Example

Method

My Way to Write Presentation Slides

- 1 write .mkd
- 2 get beamer file by pandoc

```
pandoc -s -t beamer \  
  --template ./themes/pondering.tex \  
  -o out.tex in.mkd
```

(also see Makefile)

- 3 compile with platex and get .pdf

```
platex out  
dvipdfmx out  
zathura out.pdf
```


Check the Template

enumerate and itemize

1 one

2 two

- 2

- 弐

3 three

- itemize

- subitemize

- subsubitemize

- subsubitemize

- itemize

- itemize

Block

In mkd, a `###` makes a block

code highlight

```
seq 1 100 | factor | awk 'NF==2{print $2}'
```

```
main :: IO ()
```

```
if __name__ == "__main__":  
    pass
```

embed T_EX

BTW:

Markdown grammer is poor. To realize a little advanced, we need T_EX.

- 1 T_EX can be embeded in `mkd`
 - which are never changed by pandoc
- 2 All inner of a T_EX are judged as T_EX
 - This means: cannot write `mkd` in T_EX

Example - twocolumns

Markdown has no grammar about columns.

Very easy in $\text{T}_{\text{E}}\text{X}$:

```
\begin{columns}
  \column{.5\textwidth}
    Left column
  \column{.5\textwidth}
    Right column
\end{columns}
```

Example - twocolumns

Any mkd code **cannot** be emmbed in $\text{T}_{\text{E}}\text{X}$ code.

```
\begin{columns}
  \column{.5\textwidth}
    [[MARKDOWN]]
  \column{.5\textwidth}
    Right column
\end{columns}
```