

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

ent .tex from .mkd

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 $\text{T}_{\text{E}}\text{X}$

BTW:

Markdown grammar is poor. To realize a little advanced, we need $\text{T}_{\text{E}}\text{X}$.

1. $\text{T}_{\text{E}}\text{X}$ can be embed in `mkd`
 - ▶ which are never changed by pandoc
2. All inner of a $\text{T}_{\text{E}}\text{X}$ are judged as $\text{T}_{\text{E}}\text{X}$
 - ▶ This means: cannot write `mkd` in $\text{T}_{\text{E}}\text{X}$

Example - twocolumns

Markdown has no grammar about columns.

Very easy in T_EX:

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

Example - twocolumns

Any mkd code **cannot** be emmbed in T_EXcode.

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