How to use this beamer templates

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What is Beamer?

- beamer is a LaTeXclass
- You can write a cool presentation in TeX
  - like this

A preamble:

```
\documentclass[dvipdfmx,default,cjk]{beamer}
```

Presentation Tools

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

GUI is difficult. Writing TEXis also difficult.
Find more convinient 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

a document `.tex` from `.mkd`

Pandoc use usual **template** for `.tex`. The formats of input and output are inferred from the file extensions.

```
pandoc -o report.tex report.mkd
```

a slide `.tex` from `.mkd`

specify the output format as `beamer`

```
pandoc -t beamer -o report.tex report.mkd
```

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
```

enumerate and itemize

1. one
2. two
    - 2
    - **弐**
3. three

- itemize
    - subitemize
        - subsubitemize
        - subsubitemize
- itemize
- itemize

Block

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

block title

block inner

block title

block inner

code highlight

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

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

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

embbed TEX

BTW:
Markdown grammer is poor. To realize a little advanced, we need TEX.

1. TEXcan be embbed in `mkd`
   - which are never changed by `pandoc`
2. All inner of a TEXare judged as TEX
   - This means: cannot write `mkd` in TEX

Example - twocolumns

Markdown has no grammer about columns. My template defined special syntax (TEXmacros) for columns.

```
\BeginColumn{.6}
  Left column
\Column
  Right column
\EndColumn{.4}
```

generates

```
\begin{columns}
  \column{.6\textwidth}
    Left column
  \column{.4\textwidth}
    Right column
\end{columns}
```