# Pandoc: 将 Markdown 转为 Beamer

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- Pandoc is a universal document converter! It is a Haskell library for converting from one markup format to another, and a command-line tool that uses this library.
- Pandoc document: https://pandoc.org/#
- Here, I'll introduce how to convert my daily markdown notes into Beamer for weekly presentations.

### General usage

```
pandoc -f markdown -t beamer -o OutputFile -s
InputFile
```

- -o specified the output file;
- -s indicated outputting the completed file.

#### Beamer structure

In default configure, every content under a first head (# first head) will be converted into one frame (slide).

Also, it can be customized by --slide-level n, where n is the level of heads.

### Customize Your Beamer

Suggest to use meta-data that define in markdown.

```
fontfamilyoptions: UTF8
fontfamily: ctex
theme: Warsaw
title: 'this is a title'
subtitle: 'this is a subtitle'
author: Huang Hao
institute: Tianjin University
```

## Example

- one of list
- one of list

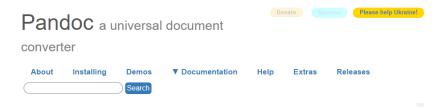


图 1: image-20220527165419920

Let's test a Figure.

$$E = mc^2$$

Also a Equation.

### **Notifications**

- When you are using Chinese in Beamer, make sure that: \usepackage[UTF8]{ctex} and XeLaTeX compiler is used.
- check the variables: pandoc -D beamer > template.txt.