

Template Title

Your Name

Template Title

Your Name

Your Date

- Space: **next page**,
- Arrow: **navigation**,
- F: **fullscreen**,
- Esc or 0: **overview**,
- Alt + mouse left: **magnify**,
- S: **notes**

What is it

What is it

- It converts **Markdown**...

What is it

- It converts **Markdown**...
- into a **Presentation**!

What is it

- It converts **Markdown**...
- into a **Presentation**!

The presentation is just a web page: [README.html](#)

How it works

Use **pandoc** to convert **markdown** to presentation as **html+reveal.js**.

- **pandoc**: a markdown(, etc.) document converter
- **reveal.js**: a HTML presentation framework.

Basic Features

Titles with 1 slide

Usually use title to separate slides

Titles with 2 slides

For topic including several slides, you can use --- to separate slides.

To be continued...

Former title is Continued in a new slide

Text Formats

- *emphasized*
- **strong emphasis**
- ~~deleted text~~
- H₂O is a liquid. 2¹⁰ is 1024
- P_{a cat}
- **escape**
- *Verbatim*

Text Custom Styles

- Custom style: smallest
- Custom style: dim
- Custom style: invert

see or edit [custom.scss](#) for your own custom style

Notes

press S to show the page note.

Image



The background image is a detailed photograph of a wooden door with intricate gold-colored metal hardware. A prominent feature is a circular emblem in the center of the door, which is also gold and features a blue glowing symbol resembling a stylized letter 'S' or a heart. The door has a dark wood grain and some visible wear and tear.

Background Image

add background image by

```
Background Image {background-image: "assets/hearthstone.jpg"}
```

Custom style Background

custom style by adding `data-state="bgdim"`

```
Custom style Background {background-image: "./assets/hearthstone.jpg" data-state="bgdim"}
```

Note, require `.bgdim` in `custom.scss`

Custom style Background

custom style by adding `data-state="bgdimmer"`

```
Custom style Background {background-image: "./assets/hearthstone.jpg" data-state="bgdimmer"}
```

Note, require `.bgdimmer` in `custom.scss`

Custom style Background

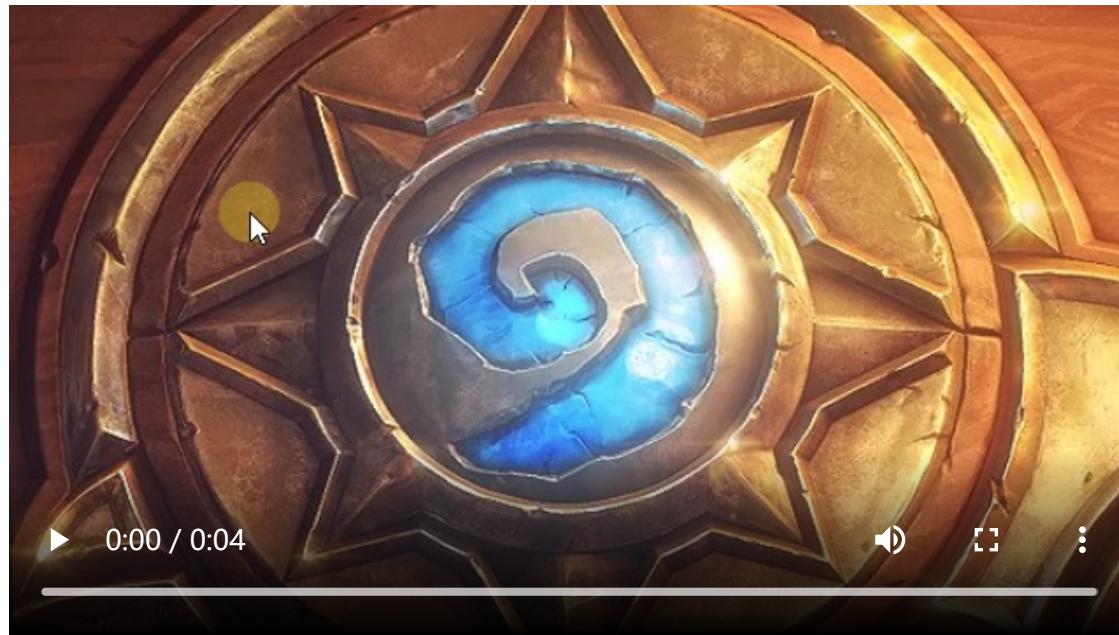
custom style by adding `data-state="bgdimmest"`

```
Custom style Background {background-image: "./assets/hearthstone.jpg" data-state="bgdimmest"}
```

Note, require `.bgdimmest` in `custom.scss`

Local Video

using <video>



Local Video

using <iframe>



Youtube Video

Hearthstone Animated Short: Hearth and Home





Background Video

add background vide by

```
Background Video {data-background-video="./assets/video.mp4"}
```



Custom style Background Video

add background vide by

```
Background Video {data-background-video="./assets/video.mp4" data-state="bgdimmest"}
```

Internal links

See the [Next topic](#).

Ending a list

- 1. one 1. uno
- 2. two 2. dos
- 3. three 3. tres

Numbered example lists

1. Hello.
2. This is a good example.

As (2) illustrates, ...

Inserting pauses

content before the pause

Inserting pauses

content before the pause

content after the pause

Incremental lists

- Eat spaghetti
- Drink wine

or

Incremental lists

- Eat spaghetti
- Drink wine

or

- Eat spaghetti

Incremental lists

- Eat spaghetti
- Drink wine

or

- Eat spaghetti
- Drink wine

Incremental lists 2

Incremental lists 2

- Item 1

Incremental lists 2

- Item 1
- Item 2

Incremental lists 2

- Item 1
- Item 2
- Item 3

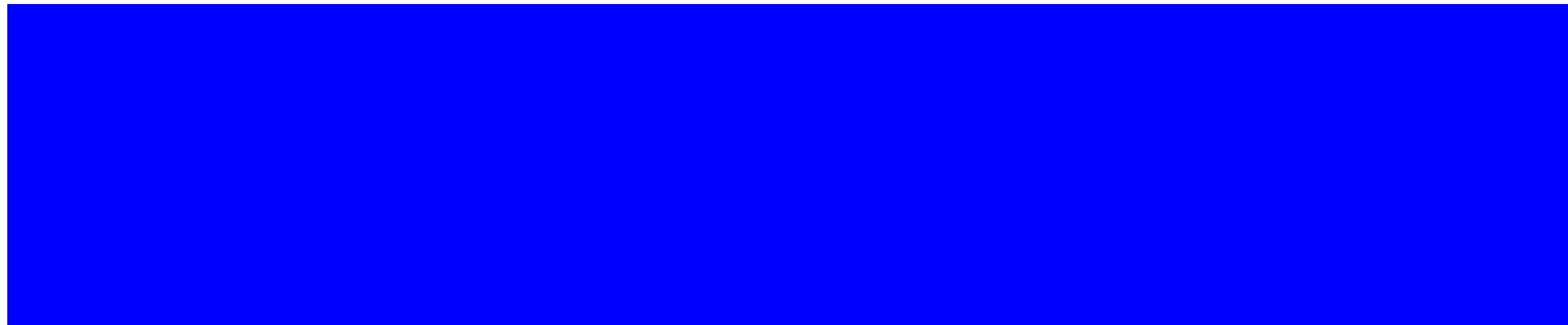
Auto Animate

enable auto slide by {data-auto-animate="1"}

Animated lists:

- A
- C
- E

Animated div:



Auto Animate

enable auto slide by `{data-auto-animate="1"}`

Animated lists:

- A
- B
- C
- D
- E

Animated div:



Columns

Column One

- hello
- world

Column Two



Table

Table	A	B	C
1	a1	b1	c1
2	a2	b2	c2
3	a3	b3	c3

Task

- an unchecked task list item
- checked item

MathJax

- [MathJax basic tutorial and quick reference](#),
- Draw your LaTeX [here](#),
- inline mode: $\sum_{i=0}^n i^2 = \frac{(n^2+n)(2n+1)}{6}$,
- display mode:

$$\sum_{i=0}^n i^2 = \frac{(n^2+n)(2n+1)}{6}$$

Codes

```
#include <iostream>
int main(int argc, char** argv) {
    std::cout << "I'm C++!";
    return 0;
}
```

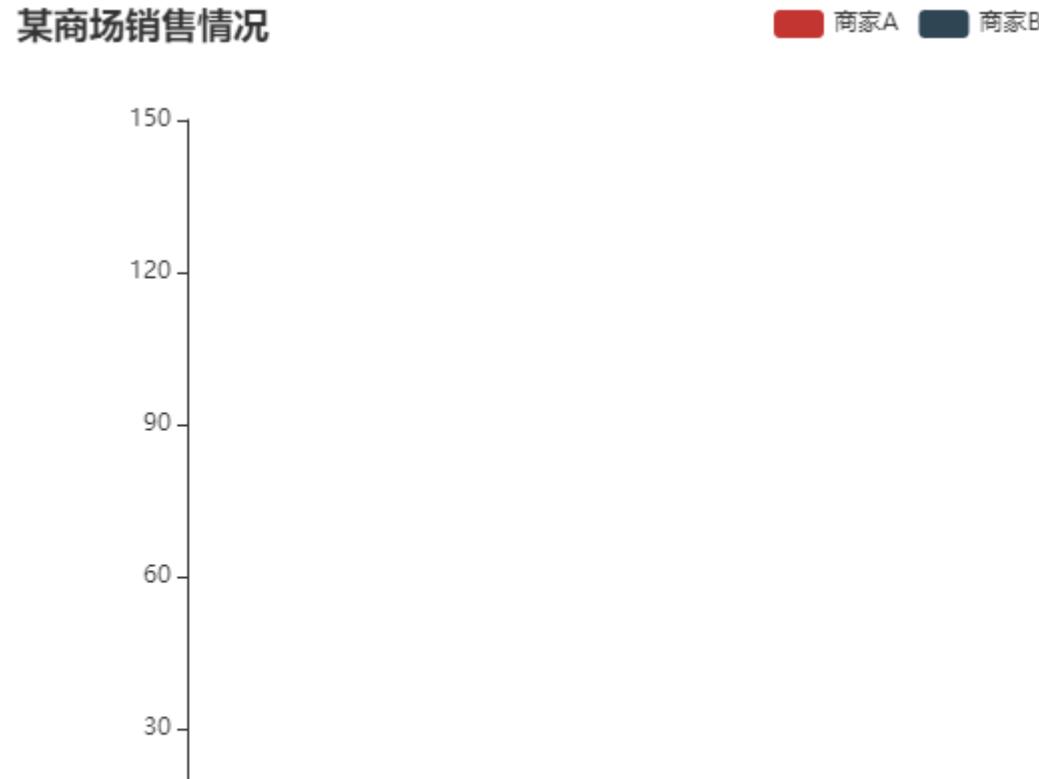
```
print("I'm Python!")
```

Advanced Features

Embed

Embed another page, e.g., a complex interactive page by

```
<embed type="text/html" src=assets/plot.html width="800" height="400">
```



- touch the embedded frame to interact with it,
- touch anywhere else to get focus back to revealjs.

see also [pyecharts](#) for how to generate this plot page

Header or Footer logo

Notice the pandoc and revealjs logo in the corner? Add it in the start of this markdown:

```
---
```

```
include-before: <div class="floatTR"></div>
```

```
--
```

See the [Custom Build Settings](#) page for more detail.

Styles

You can customize styles in *custom.css*

```
<style>
.smaller { font-size: 80% }
.smallest { font-size: 50% }
</style>
```

and make content smaller by:

```
[make single line smaller]{.smaller}
<div class="smaller">
whole block inside a page section
</div>
```

or smallest by:

```
[make single line smallest]{.smallest}
<div class="smallest">
whole block inside a page section
</div>
```

How to build

Install

install [pandoc](#) first.

```
# mac  
brew install pandoc
```

```
:: windows  
choco install pandoc
```

Build

- run **./build_presentation** script,
- or execute in commandline:

```
pandoc README.md -t revealjs -s --css=custom.css --mathjax --template=pandoc-templates/default.revealjs -V revealjs-
url=reveal.js --slide-level 3 -o README.html
```

Custom style

this template uses **custom.css** for custom style.

sass is required if you want to rebuild **custom.scss** into **custom.css**

- install scss first

```
# mac  
brew install sass/sass/sass
```

```
:: windows  
choco install sass
```

- build custom.scss into custom.css

```
sass ./custom.scss ./custom.css
```

run **./build** script to build both css and presentation.

Custom Build Settings

adjust custom build settings in the start of this markdown:

```
---
```

```
numbersections: true
history: true
slideNumber: true
transition: slide
backgroundTransition: none
---
```

or in the command line script:

```
pandoc README.md ... -V revealjs-url=reveal.js ... -o README.html
```

Export to PDF

PDF by RevealJS ?print-pdf

1. In your browser
2. **add ?print-pdf to the url:** file:///... README.html?print-pdf
3. Use your web browser to “print” the presentation web page to PDF.

PDF by Pandoc

Pandoc uses LaTeX to convert your markdown to PDF,

- install LaTeX [here](#),
- in the head of this markdown file, make sure the metadata exists,
- make sure metadata's font name existed in your computer, otherwise, change it,
- run the *build_pdf* script

Thanks

References

1. [Pandoc's Markdown](#)
2. [Revealjs Home](#)