

Marp



Markdown presentation writer, powered by
[Electron](#)

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Features

- **Slides are written in Markdown.**
- Cross-platform. Supports Windows, Mac, and Linux
- Live Preview with 3 modes
- Slide themes (`default`, `gaia`) and custom background images
- Supports emoji ❤️
- Render maths in your slides
- Export your slides to PDF

How to write slides?

Split slides by horizontal ruler `----`. It's very simple.

```
# Slide 1
```

```
foobar
```

```
---
```

```
# Slide 2
```

```
foobar
```

“ Notice: Ruler (`<hr>`) is not displayed in Marp. ”

Directives

Marp's Markdown has extended directives to affect slides.

Insert HTML comment as below:

```
<!-- {directive_name}: {value} -->
```

```
<!--  
{first_directive_name}: {value}  
{second_directive_name}: {value}  
...  
-->
```

Global Directives

\$theme

Changes the theme of all the slides in the deck. You can also change from `View -> Theme` menu.

```
<!-- $theme: gaia -->
```

Theme name	Value	Directive
<i>Default</i>	default	<code><!-- \$theme: default --></code>
Gaia	gaia	<code><!-- \$theme: gaia --></code>

`$width` / `$height`

Changes width and height of all the slides.

You can use units: `px` (default), `cm`, `mm`, `in`, `pt`, and `pc`.

```
<!-- $width: 12in -->
```

`$size`

Changes slide size by presets.

Presets: `4:3`, `16:9`, `A0-A8`, `B0-B8` and suffix of `-portrait`.

Page Directives

The page directive would apply to the **current page and the following pages**.

You should insert it *at the top* to apply it to all slides.

page_number

Set **true** to show page number on slides. See *lower right!*

```
<!-- page_number: true -->
```

template

Set to use template of theme.

The `template` directive just enables that using theme supports templates.

```
<!--  
$theme: gaia  
template: invert  
-->
```

Example: Set "invert" template of Gaia theme.

footer

Add a footer to the current slide and all of the following slides

```
<!-- footer: This is a footer -->
```

Example: Adds "This is a footer" in the bottom of each slide

prerender

Pre-renders a slide, which can prevent issues with very large background images.

```
<!-- prerender: true -->
```

Pro Tips

Apply page directive to current slide only

Page directive can be selectively applied to the current slide by prefixing the page directive with `*`.

```
<!-- *page_number: false -->  
<!-- *template: invert -->
```

Slide background Images

You can set an image as a slide background.

```
! [bg] (mybackground.png)
```

Options can be provided after `bg`, for example

```
! [bg original] (path) .
```

Options include:

- `original` to include the image without any effects
- `x%` to include the image at `x` percent of the slide size

Maths Typesetting

Mathematics is typeset using the `KaTeX` package. Use `$` for inline maths, such as $ax^2 + bc + c$, and `$$` for block maths:

$$I_{xx} = \int \int_R y^2 f(x, y) \cdot dydx$$

This is inline: `ax^2+bx+c`, and this is block:

```
$$I_{xx}=\int\int_Ry^2f(x,y)\cdot\}dydx$$
```

Enjoy writing slides! 👍

<https://github.com/yhatt/marp>

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