# Deploy Marp to GitHub Pages

Presentations to Webpages: Instantly!

#### What?

Marp lets you create HTML slides from markdown (like this!).

This presentation is both a <u>website</u> and a <u>README.md</u>.

# Why?

Treat your presentation the same way you treat code.

- Use git to track changes
- Pull requests to collaborate
- Deploy automatically
- See a problem? Open an issue!

# Setup

Want to create your own?

First, create a new repo from the template repo.

# **Configure GitHub Pages**

Open your new repo and setup publishing.

You'll typically use gh-pages as the deploy branch.

#### **Review Build**

Click on Actions tab and see if the build succeeded (it may take some time).

You should now see the generated files in the gh-pages branch.

#### View webpage

Open your deployed webpage to see the content.

Out of the box you should see <a href="README.md">README.md</a> as <a href="//index.html">/index.html</a> and <a href="///README.pdf">/README.pdf</a>. Slides under <a href="docs/">docs/</a> are also converted.

# Running locally

Locally you'll run commands like:

```
$ marp README.md -o build/README.pdf
```

or

\$ npx @marp-team/marp-cli@latest README.md -o build/README.pdf

#### As a workflow step

The workflow runs an equivalent step:

```
- name: Marp Build (README.pdf)
uses: docker://marpteam/marp-cli:v1.7.0
with:
  args: README.md -o build/README.pdf
env:
  MARP_USER: root:root
```

Note the args match the previous slide.

#### Customizing the build

Anything in the build/ folder will be deployed to GitHub Pages.

You can copy extra files or run further processing steps using other tools.

### Learn more about Marp

This is a good time to learn more about Marp. Here's some resources:

- CommonMark
- Cheat Sheet
- Themes
- CSS Themes
- Directives
- VS Code plugin

#### **Example Sites**

Known sites using this action are:

- University of Illinois at Urbana-Champaign's CS 199 Even More Practice (code)
- Exploring agent based models (code)

Send a <u>pull request</u> to get your site added.

# Publish your slides

When you are ready to share your presentation, commit or merge to main and your content on GitHub Pages will automatically update.



# **Hooray!**