



# GITHUB

## **gh-pages**

# What is GitHub Pages?



GitHub Pages is a static site hosting service that takes HTML, CSS, and JavaScript files straight from a repository on GitHub, optionally runs the files through a build process, and publishes a website.

You can host your site on GitHub's github.io domain or your own custom domain.


\* Make sure your homepage is at the base of your repo directory and is named index.html so that GitHub knows to display it.



# Publish from GitHub

To publish a **user** site:

1. you must create a **repository** owned by your user account that's named **<username>.github.io**.
2. Clone the repo and include your files.
3. Add, commit and Push your code.
4. Find the url for your published web in settings GitHub-pages



# Publish from gh-pages branch

To publish a **project** site from the terminal:

1. Add a branch to your existing repository: **git checkout -b gh-pages**
2. git add and commit.
3. git push origin gh-pages
3. Find the url for your published web in settings GitHub-pages

# Publish with npm gh-pages

To publish a **project** site from the terminal using **npm gh-pages**:

1. Git add, commit and push to your **main** branch.
2. package.json should include:
  - "Homepage": "https://username.github.io/name-of-app/" or " . "
  - gh-pages dependency or install it in your terminal with **npm i gh-pages**
  - Scripts for Sass project:

```
"build": "run-s clean clean:styles build:styles copy",  
"deploy": "run-s build publish",  
"publish": "gh-pages -d dist"
```

# Publish with npm gh-pages



1. In your terminal type for production: **npm run build**  
This creates the dist folder will contain your built project, ready to be deployed online.
2. In your terminal type for deployment: **npm run deploy**

\*other frameworks require different descriptions in their scripts



ANY QUESTIONS?