*Deploying an Angular App to Github Pages*

*Github pages is a Github feature that allows you to host a static website or web app for free, and it’s as simple as putting the files in a gh-pages branch of your project’s repository. The*[*Angular CLI*](http://localhost:4000/angular/angular-cli/)*, along with a node package called*[*angular-cli-ghpages*](https://github.com/angular-buch/angular-cli-ghpages)*make it even easier to deploy to Github pages.*

*First install the angular-cli-ghpages globally:*

*$ npm install -g angular-cli-ghpages*

*Now use the Angular CLI with the --base-href flag to build your project and set the correct base href location:*

*$ ng build --prod --base-href "https://<user-name>.github.io/<repo>/"*

*Then it’s as simple as running angular-cli-ghpages. You can use the nghshorthand:*

*$ ngh*

*$ ngh --dir /dist/portfolio-management/*

*And done! Your app will now be hosted at https://username.github.io/app-name*

*You can optionally add a message to the commit when deploying:*

*$ ngh --message="First deploy"*

*You can also specify which branch to deploy:*

*$ ngh --branch=production*

*And finally, you can always do a dry run before actually deploying to see the output:*

*$ ngh --dry-run*