

GitHub Pages: Static Website Deployment

Description

The intent of this guide is to walk students through configuring an existing GitHub repository for GitHub pages. This guide assumes you have a basic understanding of GitHub, git, and CLI commands. If you are not confident on any of the latter topics, please refer to the notes you took in previous courses.

GitHub pages is a service offered by GitHub that allows users to publish static websites on GitHub. The outcome is a URL that links to the static website you deploy. Websites hosted on GitHub pages are accessible at `https://{your_github_username}.github.io/{repository_name}`

Instructions

- Sign-in to your GitHub account
- Select the repository you wish to configure for GitHub pages
- Once you've selected the correct repository, select "Settings"
- Select **Pages** from the left-hand navigation column.
- Under **Source** select **Deploy from a branch**
- Under **Branch** select **main** and make sure **/(root)** is selected in the second select menu (the one next to the branch selection menu).
- Allow the page to update.
- Under the title you should see a notification that says, Your site is live at `https://{your_github_username}.github.io/{repository_name}`
- Click on the link and verify you can see the published website

Note: Once the repository is configured for GitHub pages, each time you make changes and stage, commit, and push your work to GitHub, the content will automatically be redeployed to GitHub pages. But, please be advised, there might be a delay (5-10 minutes) between a push to GitHub and a refresh of the website's content.