

Website Deployment

September 8

Today's Goal: cover everything I missed last class, learn how to deploy (publish) your websites to the world, and hopefully some work time.

Deployment Option 1: Directly to a Server

Use either SSH or FTP to connect to a server (such as creative.colorado.edu if you have access).

Copy and paste files into the server's `public_html` directory.

That's it!

Relatively easy to understand if you already understand SSH and/or FTP. But can be tedious, time consuming, and annoying to do over and over again multiple times.

Deployment Option 2: GitHub Pages

Advantages: easy and built in to GitHub, automated deployments mean you only need to deploy once and updates are done for you

Disadvantages: only one deployment per repository

Steps:

1. Navigate to your github repository in the web browser
2. Click on the settings tab
3. Click on “Pages” in the left sidebar
4. Select the “main” branch from the branch dropdown

Deployment Option 3: Vercel

Advantages: multiple pages can come out of the same repository, automated deployments mean you only need to deploy once and updates are done for you

Disadvantages: slightly more complicated than GitHub Pages, requires you to use yet another service

Steps:

1. Go to vercel.com and create an account (or log in)
2. Click on create new deployment (if not already placed into that screen)
3. Select GitHub as your git provider and log into your GitHub account (if not already)
4. Choose your repository from the list
5. Choose a root directory (if you want to deploy multiple pages from one repository)
6. Click on “Deploy”