

Lecture

Deployment to GitHub Pages

What are GitHub Pages?

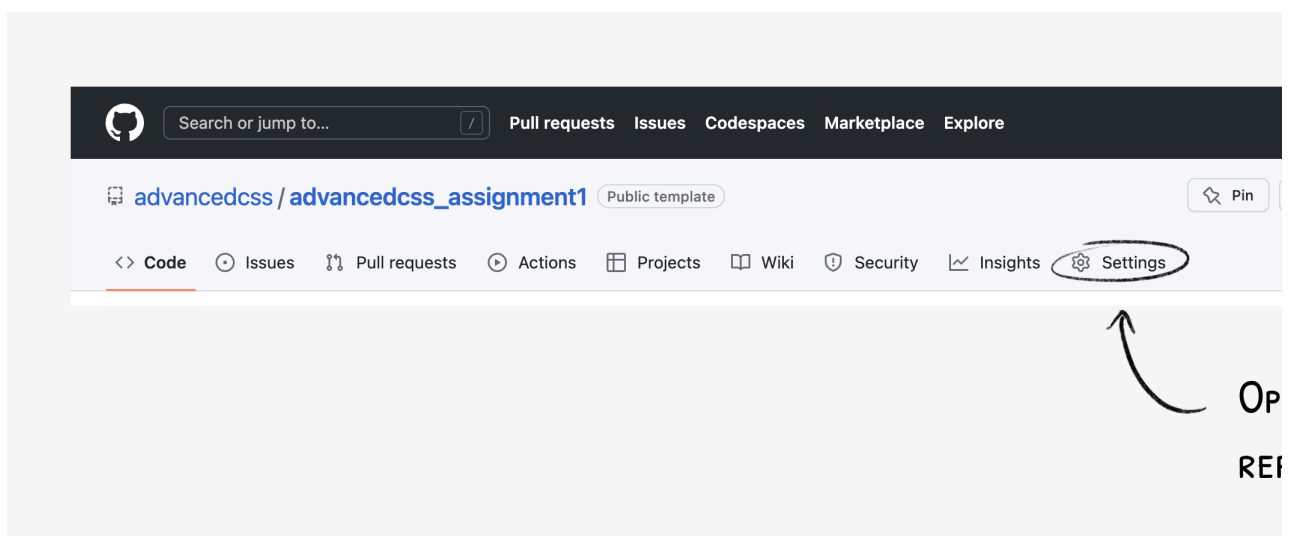
GitHub Pages are public webpages hosted and published through GitHub.

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.

How to deploy project to GitHub Pages?

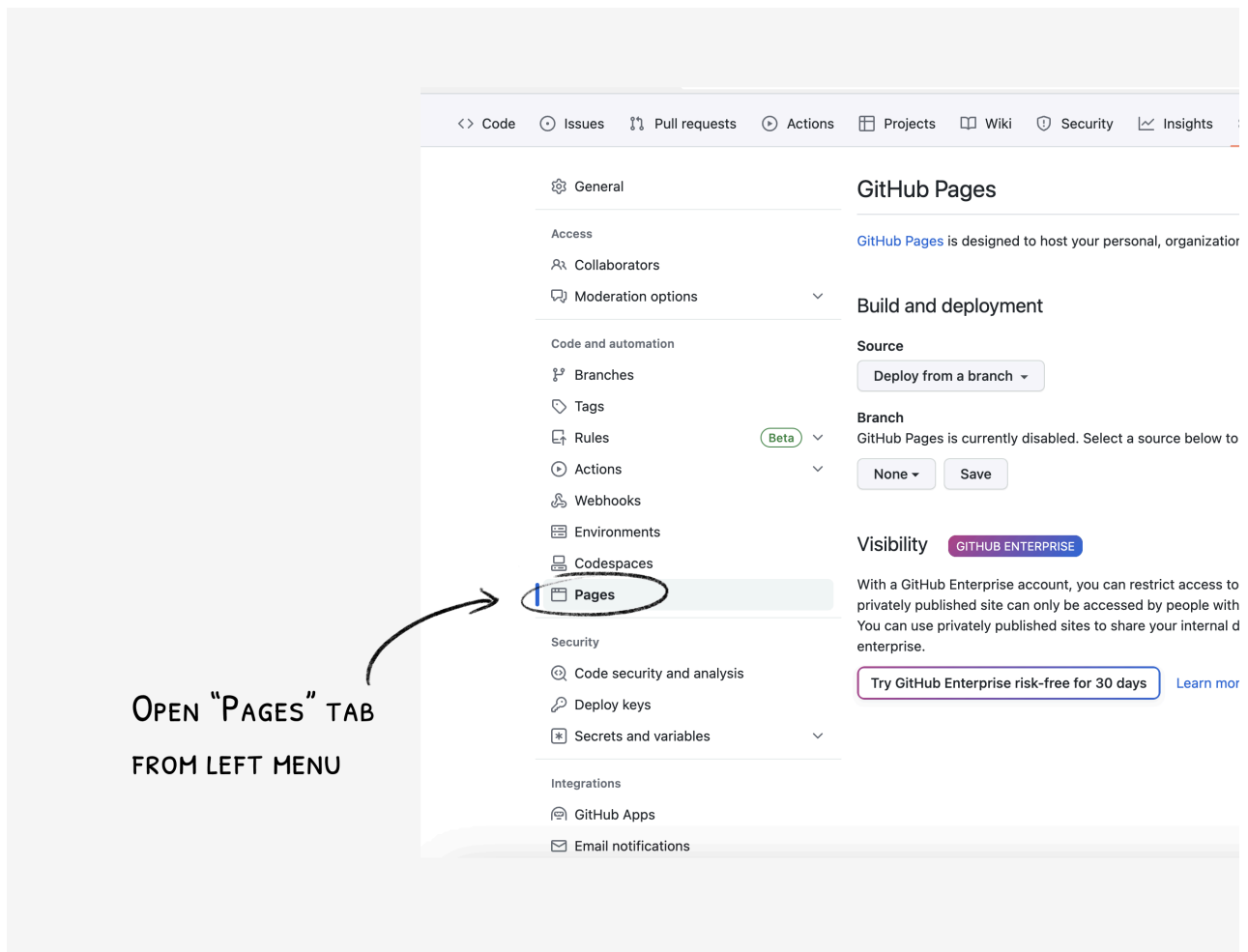
Step 1

On GitHub open your repository Settings



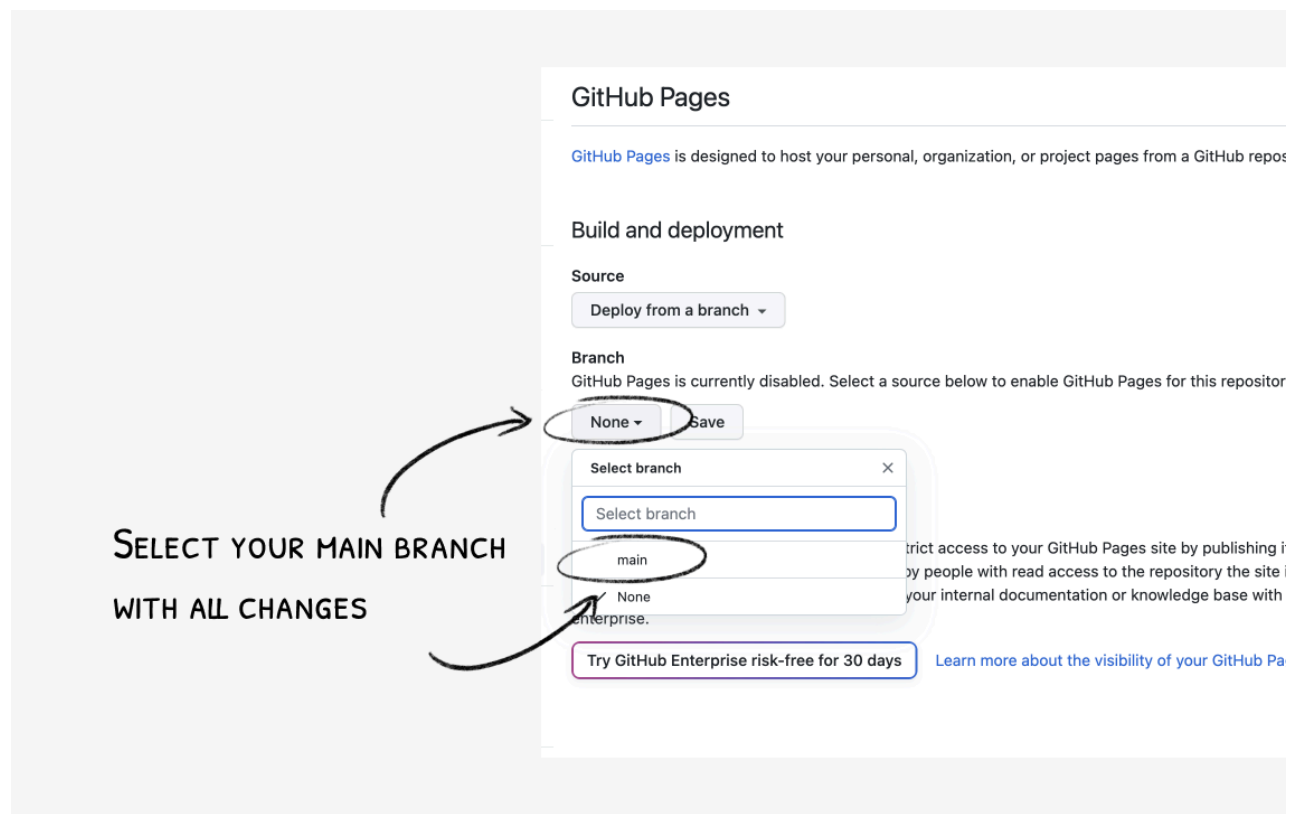
Step 2

Open "Pages" tab from left menu



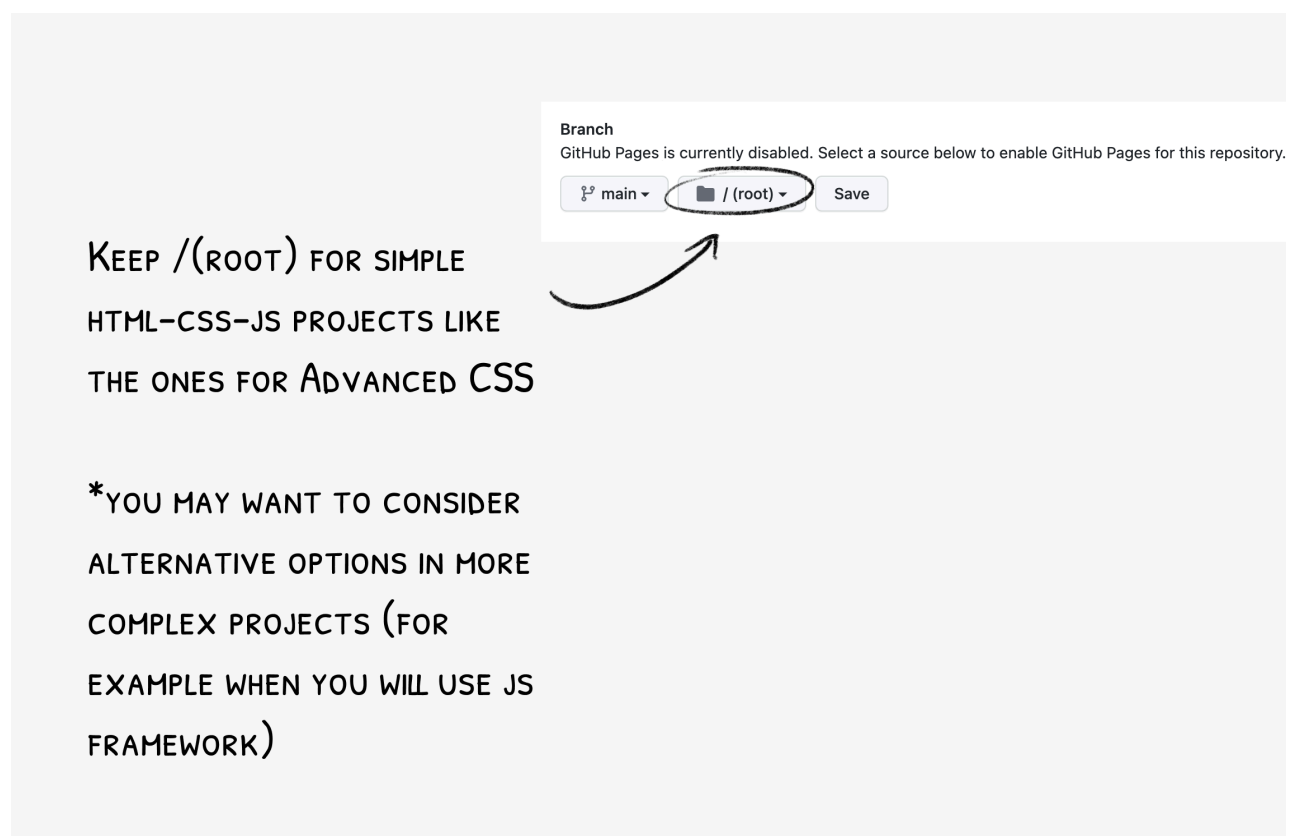
Step 3

Select your main branch with all changes.



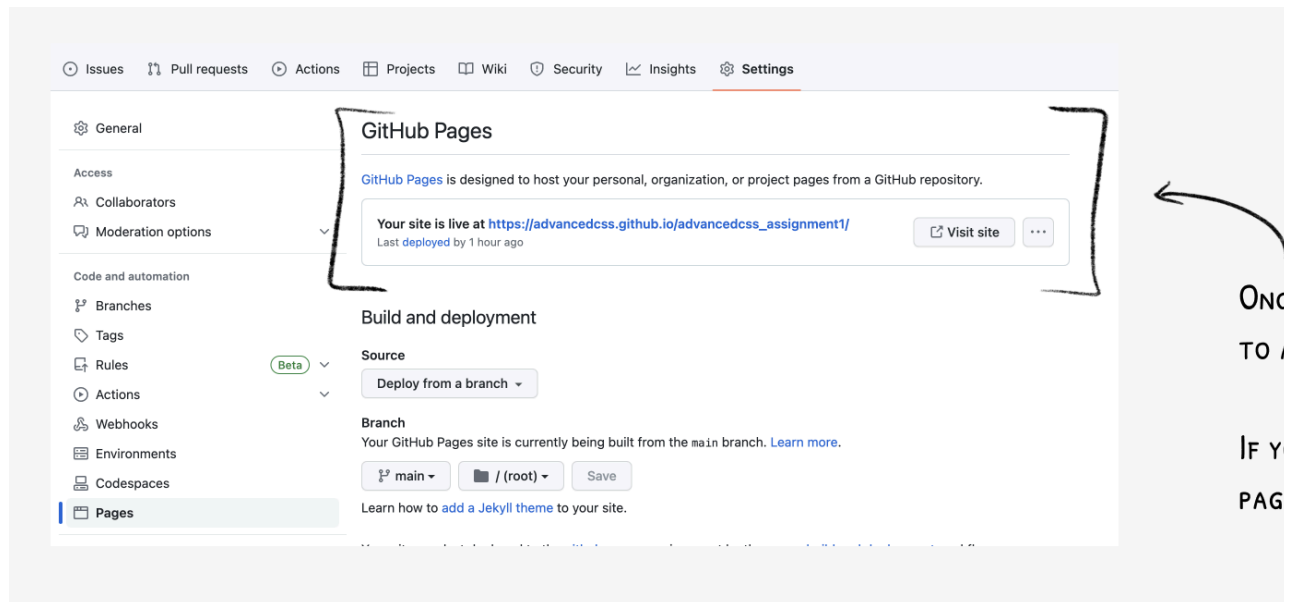
Step 4

Keep `/root` for simple html-css-js projects like the ones for Advanced CSS. You may want to consider alternative options in more complex projects (for example when you will use js framework).



Step 5

Once your project is deployed, you'll be able to access a link to your github page. If your project is small, you can refresh the page after about a minute.

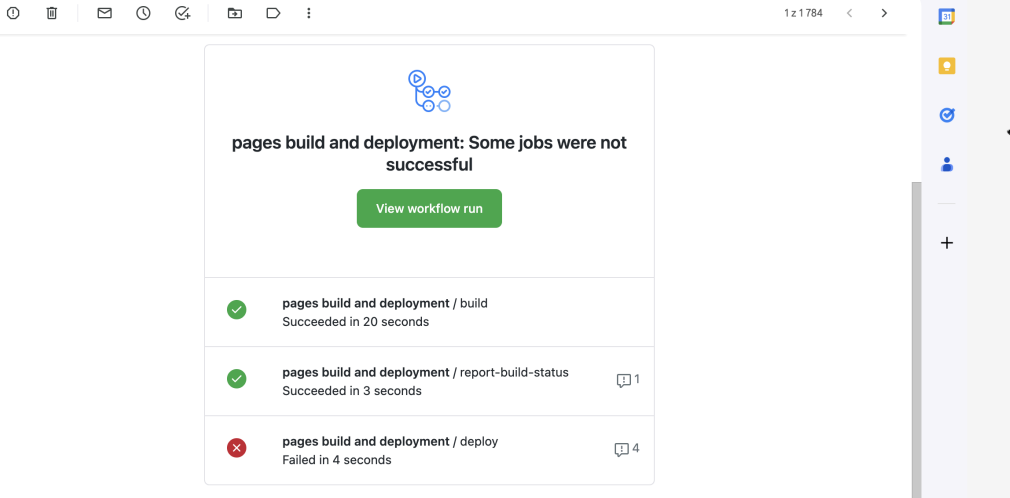


In case of problems

If your styles are not loading, check the path of your main css file. You may need to remove some forward slashes ('/') from the file path.



If your page did not deploy correctly, you will receive an email message with more details.



The screenshot shows a GitHub Actions workflow run page. At the top, there's a header with navigation icons and a zoom level of 1 z 1784. The main content area displays a workflow run for the 'pages build and deployment' job. The status is 'Some jobs were not successful'. Below this, there's a green button labeled 'View workflow run'. The workflow steps are listed in a table:

Step Name	Status	Duration	Comments
pages build and deployment / build	Succeeded	20 seconds	
pages build and deployment / report-build-status	Succeeded	3 seconds	1
pages build and deployment / deploy	Failed	4 seconds	4

On the right side, there's a sidebar with icons for repository, workflow, and user. A red arrow points to the user icon, with the text 'IF YOU' next to it.