

Step-by-Step Guide to Push a Project to GitHub Using VS Code

Step 1: Open Folder in VS Code

1. Open Visual Studio Code (VS Code).
2. Click on **File > Open Folder**.
3. Navigate to the folder you want to work with and select it.
4. The folder will open, and its contents will be visible in the **Explorer** sidebar.

Step 2: Initialize Git in the Folder

1. Open the terminal in VS Code by pressing `Ctrl + ``` (backtick) or navigating to **View > Terminal**.
2. Run the following command to initialize Git in the folder:

```
``bash
```

```
git init
```

```
...
```

This command sets up a new Git repository in your folder.

Step 3: Stage Files for Commit

1. To tell Git which files to track, run the following command:

```
``bash
```

```
git add .
```

```
...
```

The ``.`` indicates that all files in the folder should be staged.

Step 4: Commit Changes

1. Save the current state of your files by creating a commit:

```
``bash
```

```
git commit -m "First commit"
```

...

Replace `"First commit"` with a meaningful message describing the changes.

Step 5: Create a GitHub Repository

1. Go to [GitHub](https://github.com/) and log in to your account.
2. Click on the **New Repository** button.
3. Enter a repository name (e.g., `my-folder`) and set it as public or private.
4. Click on **Create Repository**.

Step 6: Link Local Repository to GitHub

1. Copy the URL of your GitHub repository (e.g., `https://github.com/your-username/my-folder.git`).
2. Link your local repository to the GitHub repository using the following command:

```
``bash

git remote add origin https://github.com/your-username/my-folder.git

...
```

Step 7: Verify Remote Repository

1. To verify that the remote repository is linked correctly, run:

```
``bash

git remote -v

...
```

Expected output:

```
...

origin https://github.com/your-username/my-folder.git (fetch)
origin https://github.com/your-username/my-folder.git (push)

...
```

Step 8: Push Files to GitHub

1. Upload your files to GitHub by running:

```
```bash
```

```
git push -u origin master
```

```
```
```

This command pushes your local files to the `master` branch of the GitHub repository.

****Congratulations!**** Your project is now uploaded to GitHub. You can view it on your repository page.