

Setting Up Git and Pushing to GitHub

Step 1: Download and Install Git

To download Git, follow this link and download the appropriate version for your system (32-bit or 64-bit):

[Download Git](#)

After downloading, install Git by following the on-screen instructions.

Step 2: Open Your Project Folder in Visual Studio Code

Launch Visual Studio Code and open the folder you want to commit and push to GitHub.

Step 3: Create a GitHub Repository

1. Open your GitHub account in your browser.
2. Sign in to your GitHub account.
3. On the dashboard, navigate to **Top Repositories** and create a new repository.
4. Provide a name for your repository.
5. Set the repository as **public** or **private** according to your preference.
6. Click **Create Repository**.
7. Copy the `.git` link of your repository (you will use this in Step 8).

Step 4: Open Terminal in Visual Studio Code

In Visual Studio Code, open the terminal by navigating to: **View > Terminal** or using the shortcut `Ctrl + ``.

Step 5: Initialize Git and Add Files

Run the following commands in the terminal:

```
git init
git add .
```

Step 6: Configure Git User (One-Time Setup)

Set your GitHub email and username using the following commands:

```
git config --global user.email "yourmail@email.com"
git config --global user.name "your name"
```

Replace `yourmail@email.com` with your GitHub email and `your name` with your GitHub username.

Step 7: Commit Your Changes

Run the following command, replacing `"Commit message"` with a short description of your changes:

```
git commit -am "Commit message"
```

Step 8: Add Remote Repository

Run the following command, replacing `"repository-link.git"` with the GitHub repository link copied in Step 3:

```
git remote add origin "repository-link.git"
```

Step 9: Push Files to GitHub

Push your files to GitHub using the following command:

```
git push origin master
```

If prompted, sign in to GitHub to authorize the push.

Note: `master` is the default branch name. If your repository uses `main`, replace `master` with `main` in the command above.



Congratulations!

You have successfully set up Git, initialized a repository, committed files, and pushed them to GitHub!