

To create a Git repository for your Angular project and manage its source code:

Setting up Git locally:

1. Install Git:

If you haven't already, install Git on your machine. You can download it from [here](https://git-scm.com/downloads) and follow the installation instructions for your operating system.

2. Open Terminal/Command Prompt:

Navigate to your Angular project directory using the terminal or command prompt.

3. Initialize Git Repository:

Run the following command to initialize a Git repository within your project directory:

```
git init
```

Managing your project with Git:

4. Adding Files:

Add your project files to the Git staging area using:

```
git add .
```

5. Committing Changes:

Commit the changes to your local repository with a descriptive message:

```
git commit -m "Initial commit: Added Angular project files"
```

6. Create a Remote Repository on GitHub:

Go to GitHub and create a new repository. Follow the instructions to create an empty repository.

7. Link Local Repository to Remote:

Associate your local repository with the remote repository on GitHub using:

```
git remote add origin <remote_repository_URL>
```

8. Pushing to GitHub:

Push your local repository's contents to the remote repository on GitHub:

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

(Replace `master` with your branch name if you're using a different branch)

This will upload your local Angular project to the GitHub repository. Make sure to replace ``<remote_repository_URL>`` with the URL of your GitHub repository.