

Git & Github (version control)

Collaborator first time

- fork repository

Click “**Fork**” on Github website, on the top right of the repo page.

- clone repository to your computer

Navigate to your projects folder. No need to create a folder with the project name.

```
git clone https://github.com/ConceptManiax/some-project.git
```

- write some code

Navigate to the folder you just created with git clone in the previous step and run:

```
npm install or just npm i
```

*This has nothing to do with git, but it is common to run it the first time in order to use the dependencies and get the *node_modules* folder that is usually in the *.gitignore* file.

Collaborator on-going

- stage files

```
git add .
```

Stage all of the files you changed at once.

```
git add index.html about.scss script.js
```

Stage specific files.

```
git add index.* about.* script.*
```

Stage all files file that start with this name.

- commit changes

```
git commit -m "responsive header"
```

Commit and keep track of the changes you made.

Keep in mind that we are still in our local environment.

Collaborator on-going

- upload changes

`git push origin main`

Upload your fork on the Github website.

By default the branch we are working on is the `main` branch. More about branches later.

- submit to the owner

Create a **pull request** to the owner's repository at the Github website, by going to the "Pull Requests" tab and clicking the "New pull request" button.

NOTE: Do NOT **merge**. Even if this option is available, this is a limitation of Github free account. Communicate with the repository owner and let them do the merge.

Collaborator on-going

- sync fork

Sync your remote repository by clicking on the “Sync” button at the owner’s repository on the Github website. This way, your fork on Github is up-to-date.

- get the changes to your computer

git pull

- write some more code...

That’s it! Repeat the process.