

Git and Github cheat sheet - Everything in less than 30 seconds

Create and setup a new repository in 15 seconds

Go to Github (/rltoken/GlemiYlfDlp3xacdldax8A), log-in and find the green button to create a new repository. Click on it.

You should see this:

A repository contains all project files, including the revision history. Already have a project repository?

Fill in the repository name, and the description and click on the green button **"Create repository"**. Do not initialize this repository with a README.

You should see this now:

holbertonschool/boom | Howatch | 3 | Star | 0 | Fork | 0

Now in your computer's terminal, create the directory that will contain your code and `cd` into it:

```
[✓]alex ~/Holberton/Repositories > mkdir boom
[✓]alex ~/Holberton/Repositories > cd boom
[✓]alex ~/Holberton/Repositories/boom > █
```

Now let's setup our repository, and `push` a very simple README file:

```
[✓]alex ~/Holberton/Repositories/boom > echo '# Boom!' > README.md
```

Now if you refresh your repository page on GitHub, you should see the `README.md` file there:

On your computer, you should have a `.git` directory inside your directory.

```
[~/alex ~/Holberton/Repositories/boom > ls -la
```

All done.

Add new (versions of) files and commit in 5 seconds

After working on your project, you can add, commit and push new and modified files to your GitHub, with 3 commands:

```
git add <file(s) to add>
git commit -m <A meaningful commit message>
git push
```

Here's an example. Let's say we created a `main.c` file, and we want to push it:

Now on GitHub, we can see that the file was correctly pushed: