

# ESCUELA POLITÉCNICA NACIONAL

## GITHUB SCRIPT

### LEARNING HOW TO USE GITHUB IN AN EASY WAY

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GITHUB is a web-based version control system widely used for collaborative software development and other version control tasks.

It offers all of the distributed revision control and source code management functionality of git. Thus, it provides a web-based and desktop graphical interface.

#### GETTING STARTED

1. Before accessing to github it is important to create an account. The account could be free or paid according to the needs of use.  
Go to <https://github.com> and select **"Sign up"** in order to get an account.
  - a. Creating a personal account. This is the first step in signing up process. Fill all the blank spaces and press **"Create an account"**
  - b. Choosing a plan. Here it is important to select the plan, free or paid. Finally press **"Finish sign up"**.
2. Once created the account go to the page <https://github.com> again and press **"Sign in"**. Enter the credentials you chose and press **"Sign in"**.
3. Now you are able to create a repository. Press **"New Repository"**. Choose a name for your repository, an optional description, select the type of repository between **public and private**, select a license type and check the option **"Initialize this repository with a README"** and finally click **"Create repository"**.
4. Github offers the option to create a web page repository where you can store additional files as well as the official web page of the project.  
Go to settings -> Github pages and click **"Launch automatic page generator"**.  
Github uses the **Github Markdown Language** as a content language.  
Fill all the blank spaces and press **"Continue to layouts"**.  
Select a theme and press **"Publish Page"**.
5. For ease, github offers the desktop application to interact with all the resources available in github in an easy way. To download the application go to <https://desktop.github.com/> and click **"Download GitHub Desktop"**. Install it and start using it.

Once installed, you are able to clone a repository into your PC, commit changes and add new files in the current repository. All as easy as dropping and clicking buttons.