Introduction to GitHub

Fabrizio Leone
Python-do-ECARES

January 15, 2020

Introduction

Git and GitHub

▶ Git is a version control system, i.e. a way to keep track of the whole history of things you do on a file. It is useful to save, manage and edit all the different versions of your project.

▶ GitHub is a web service that allows to conveniently work with Git. It allows you to create your own directories, see projects of other people and collaborate with them.
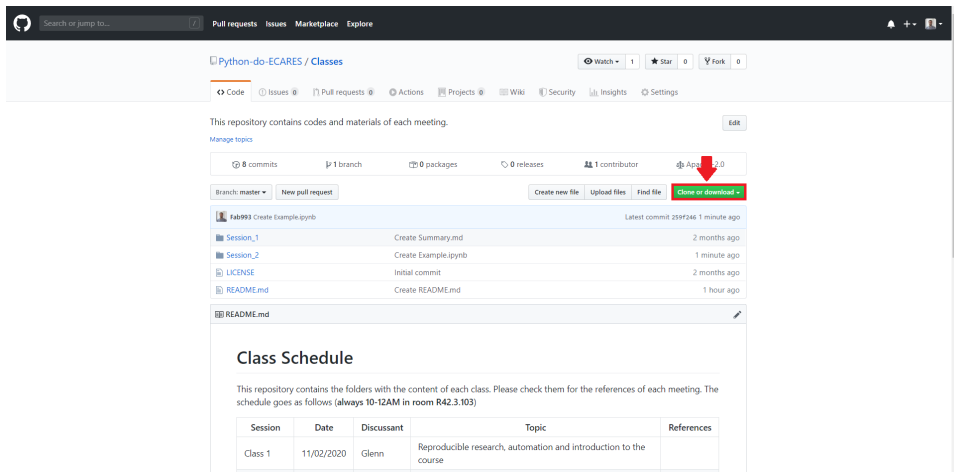
▶ You can read more about Git and GitHub here and here.

GitHub Desktop

▶ In this course, we interact with GitHub mostly through the GitHub Desktop application.

▶ GitHub Desktop provides a simple yet powerful desktop interface to GitHub.

▶ You can download GitHub desktop here.

▶ You can also interact with GitHub using the Terminal (not covered in this class).

First Steps With GitHub Desktop

Step 1. Clone Repository

Go to Classes repository on GitHub and click on the "Clone or download" button.

Step 1.A Open Repository

Choose "Open in Desktop".

Step 1.B Clone Repository
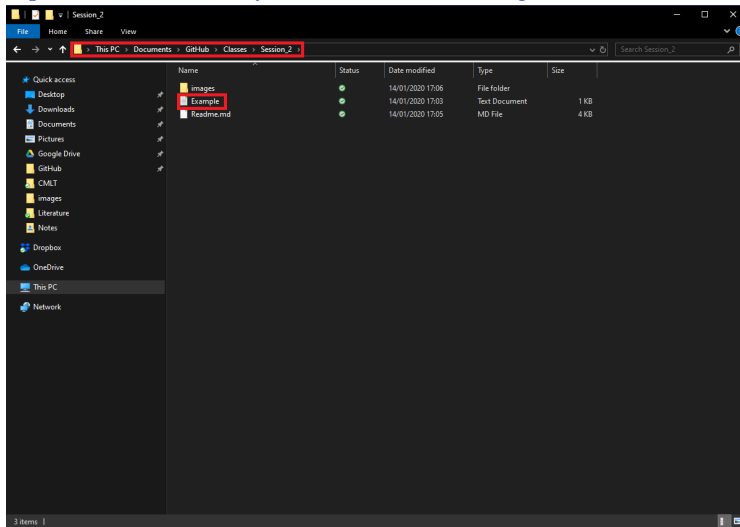
Check the local path where to clone the repository and click "Clone".
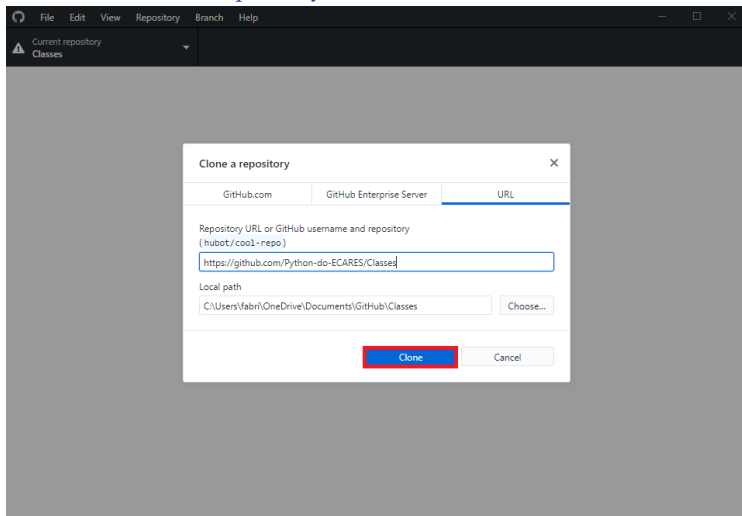
Step 1.C Open Local Directory

Under GitHub Desktop/Classes/Session_2 you will see the following files.

Step 2 Make Changes

Open *Example.txt*. Add a comment line with your name.

Step 2.A Save Changes

Save the file. Changes will be displayed in GitHub Desktop as follows.