

Introduction to GitHub

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Python-do-ECARES

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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](#).

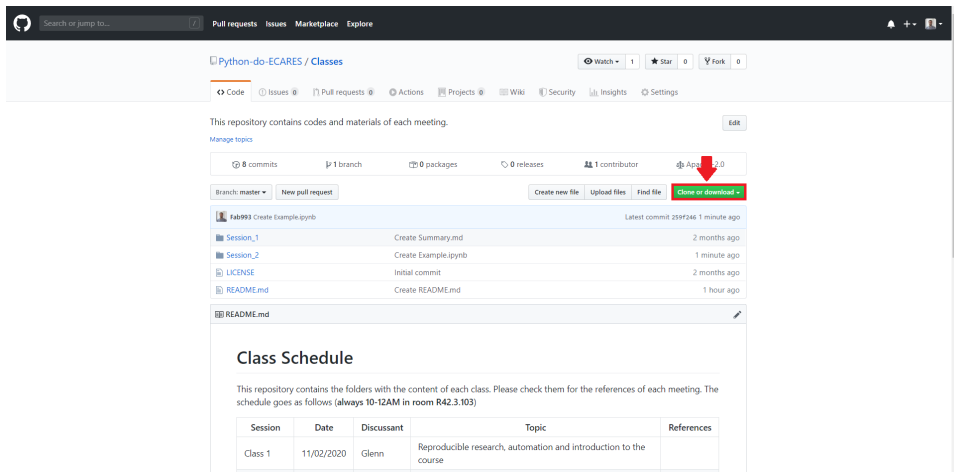
GitHub Desktop

- ▶ 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.



Python-do-ECARES / Classes

Watch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

This repository contains codes and materials of each meeting. [Edit](#)

[Manage topics](#)

8 commits 1 branch 0 packages 0 releases 1 contributor App 2.0

Branch: master New pull request Create new file Upload files Find file **Clone or download**

Fab993 Create Example.ipynb Latest commit 259f246 1 minute ago

Session_1 Create Summary.md 2 months ago

Session_2 Create Example.ipynb 1 minute ago

LICENSE Initial commit 2 months ago

README.md Create README.md 1 hour ago

README.md

Class Schedule

This repository contains the folders with the content of each class. Please check them for the references of each meeting. The schedule goes as follows (always 10-12AM in room R42.3.103)

Session	Date	Discussant	Topic	References
Class 1	11/02/2020	Glenn	Reproducible research, automation and introduction to the course	

Step 1.A Open Repository

Choose "Open in Desktop".

The screenshot shows the GitHub web interface for the repository 'Python-do-ECARES / Classes'. The repository has 1 watch, 0 stars, and 0 forks. The 'Clone or download' modal is open, showing options to clone via SSH or HTTPS. The 'Open in Desktop' button is highlighted with a red box. Below the modal, the repository's README is visible, featuring a 'Class Schedule' section with a table of class sessions.

Python-do-ECARES / Classes

Watch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

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[Manage topics](#)

8 commits 1 branch 0 packages 0 releases 1 contributor Apache-2.0

Branch: master New pull request Create new file Upload files Find file Clone or download

Fab993 Create Example.ipynb

- Session_1 Create Summary.md
- Session_2 Create Example.ipynb
- LICENSE Initial commit
- README.md Create README.md

README.md

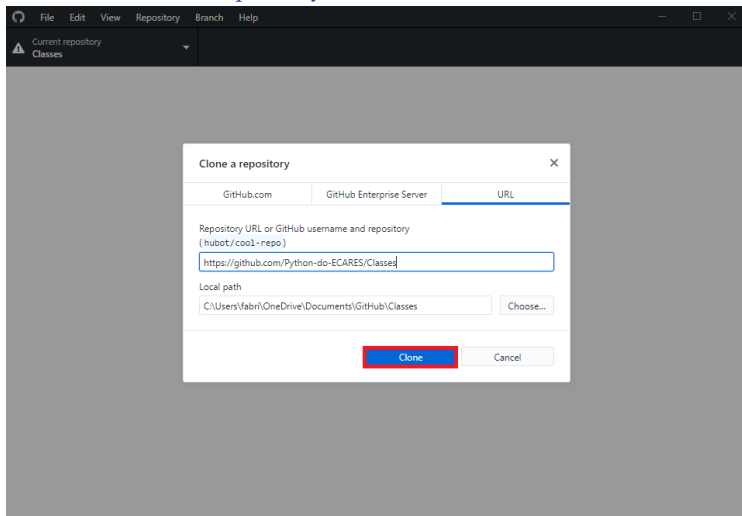
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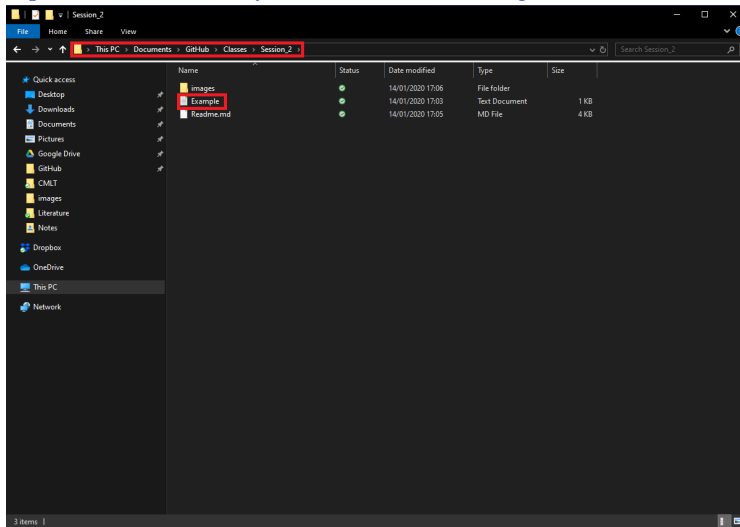
Step 1.B Clone Repository

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.

