ENSF 593 Assignment Guide

Yves Pauchard

May 5, 2020

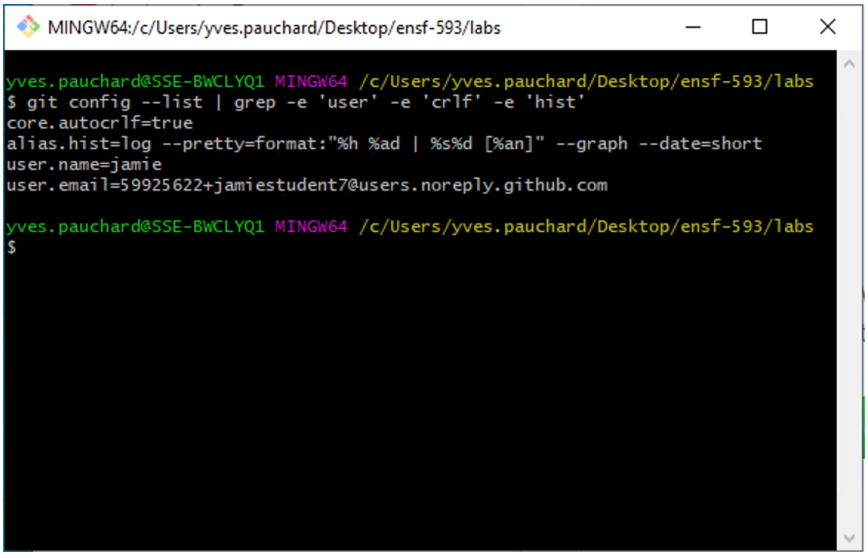
1 Before you begin

Before you begin, have your tools ready:

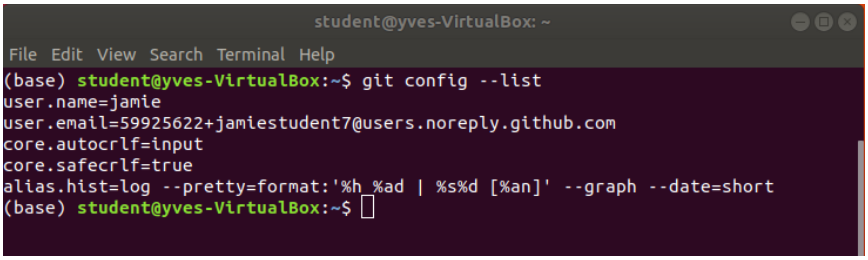
- Open browser and log in to github.com
- Open git-bash or terminal and review your configuration: name, email and line endings
- Open eclipse or your preferred IDE

You can check your git configuration with `git config --list`. Make sure email is set to the email you are using on github or the noreply email provided by github, if you configured to keep your email private.

On Windows, it could look like this:

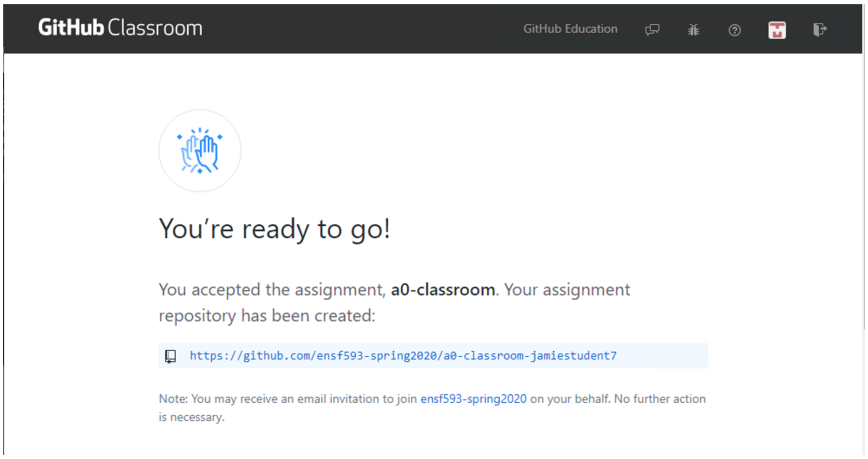


On Mac/Linux, it could look like this:



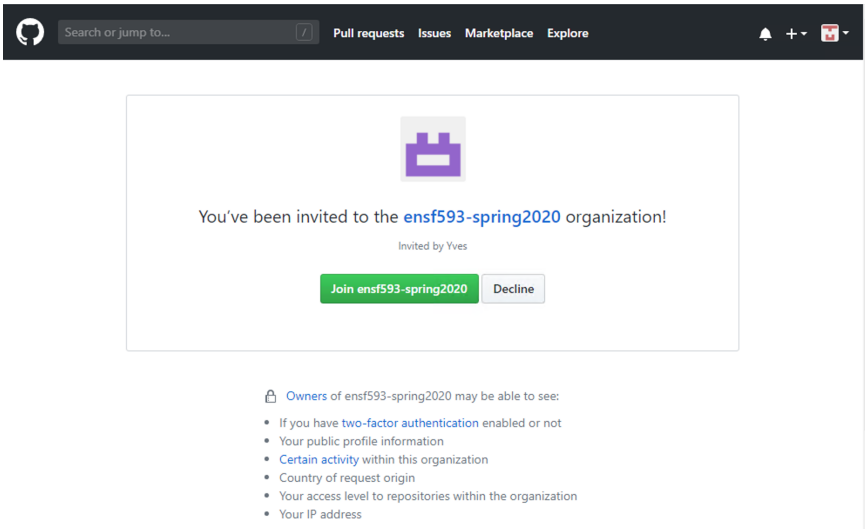
2 Accept github classroom invite

Open the url posted on d2l and accept invitation to assignment. For `a0-classrom` the url is `https://classroom.github.com/a/rKpYH4vU` There will be a different url for each assignment. Accepting the invitation will create a repository for you that includes the assignment name and your username, e.g. `a0-classroom-jamiestudent7`.



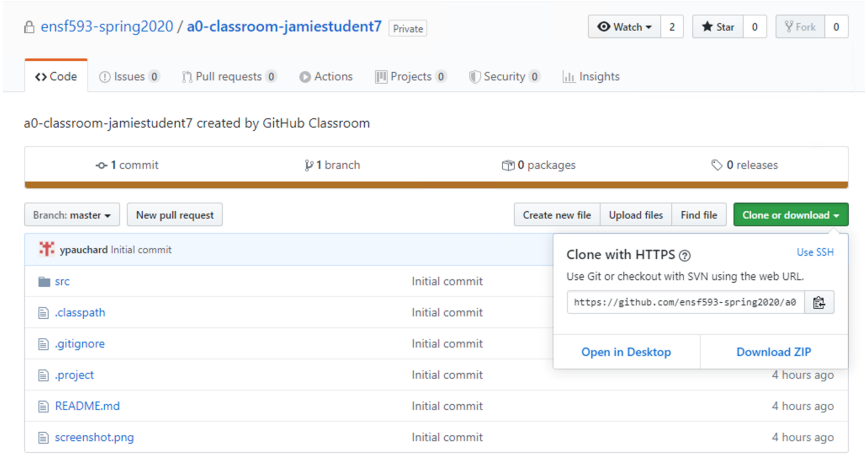
3 Accept invitation to github organization (only first time)

Only the first time, you will receive an invitation by email to join the `ensf593-spring2020` organization by email. Please accept.



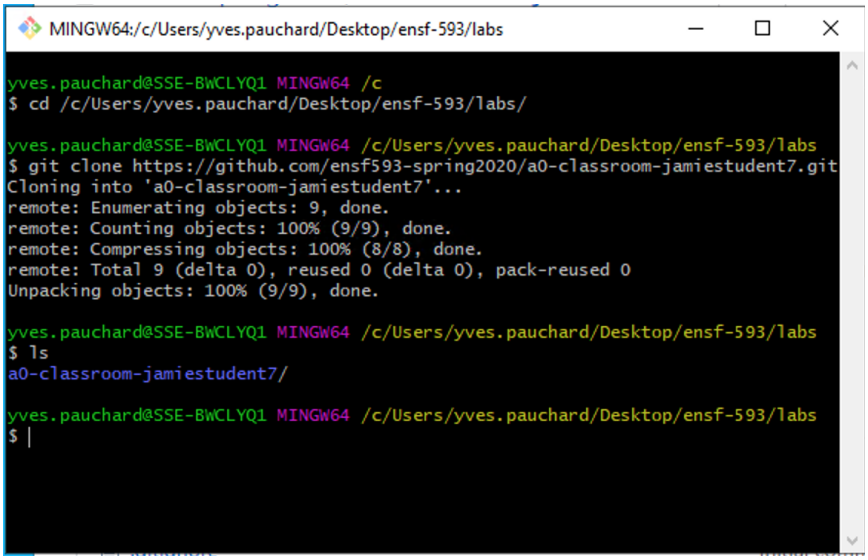
4 Clone the assignment repository

Copying the url revealed by clicking on the clone download button. Make sure it says *Clone by HTTPS* unless you have ssh keys configured.



Open git-bash on Windows, or a terminal on Mac/Linux. Navigate to your class lab folder, e.g. `cd Desktop/ensf593/labs`.

Clone the repository with `git clone https://github.com/...git` the url is what you copied earlier. Supply your github username and password when prompted. In git-bash this will likely only happen once.



5 Work on the assignment:

- Edit code files and README.md in eclipse or your preferred IDE
- add changes to your local git history: `git add file`,

`git commit -m 'a short description'` in git-bash or terminal

- push changes to remote (github): `git push` in git-bash or terminal
- Repeat above steps

6 Submission

The last push to github prior to deadline will be your submitted version. Verify on github.com that all your edits are there.

As a final step, copy the repository HTTPS url (what you used to clone the repository) to the corresponding dropbox on d2l.