

Web, Mobile and Security

Basic GIT flow for the labs: commands and their explanation

VERSION B: This document applies only to those who have *NOT* enabled SSH on op-gitlab, but use HTTPS instead.

1. Creating a new project

1. Connect to your group via <https://op-gitlab.howest.be/TI/2019-2020/s2-web-mobile-and-security/students/student-firstname-lastname>
2. Create a new repository using the **New project** button.

2. Initializing an existing folder

1. In Windows Explorer, rightclick the folder you want to initialize and choose to open a GITBASH in that folder.
2. Next, make sure you initialize the folder as a GIT project by issuing the following command from within the GITBASH:

```
git init
```

This basically tells the system that the folder is from now on a GIT repository.

3. We will now define the "remote". The remote is the repo on the op-gitlab server to which we will push later on.

```
git remote add origin https://op-gitlab.howest.be/TI/2019-2020/s2-web-mobile-and-security/students/student-firstname-lastname/01-lotto.git
```

Make sure to replace **01-lotto.git** by the repo you created in section 1. You can also copy this line from the newly created repo:

```
cd existing_folder
git init
git remote add origin https://op-gitlab.howest.be/TI/2019-2020/s2-web-mobile-and-security/students/student-frederic-vlumm
git add .
git commit -m "Initial commit"
git push -u origin master
```

4. Next, add the existing contents of the folder to the GIT system using:

```
git add .
```

5. You now need to commit these files locally, so they can be pushed remotely in a later stage. To do so, execute this command:

```
git commit -m "Initial commit"
```

Of course, feel free to use another relevant commit message instead of "Initial commit".

More information on how to write commit messages will come later in the curriculum.

6. Finally, push the files towards the GIT server by issuing the following command:

```
git push -u origin master
```

3. Adding, committing and pushing new/modified files

1. From within the GITBASH, make sure to add the new/modified file(s):

```
git add .
```

2. Once happy, make sure to commit using an appropriate message, for example:

```
git commit -m "Add newfile.txt"
```

3. And finally do not forget to push:

```
git push
```