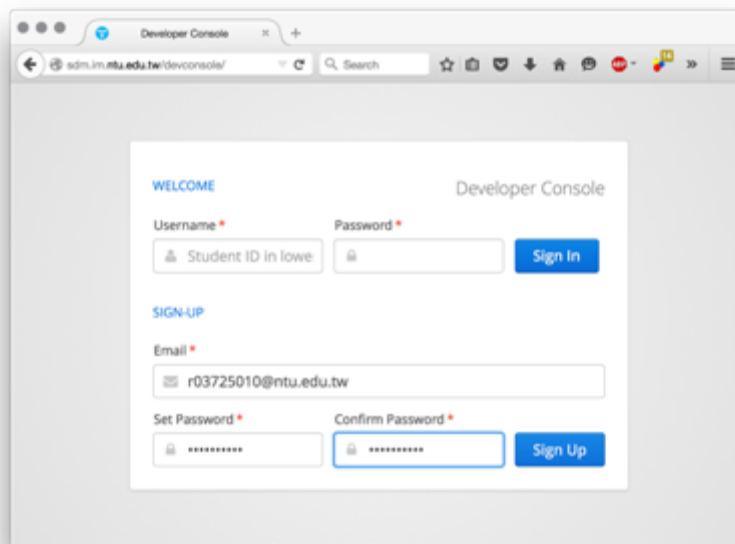


How to use SDM Developer Console

- Register you account

Navigate to <http://sdm.im.ntu.edu.tw/devconsole/>, fill the information for sign-up:



The email address will be used to verify your identity. For now, it accepts *ntu.edu.tw* domain only.

After you clicked `Sign Up` button, an activation mail will be sent to your mailbox.

Activation mail for SDM developer console

SDM Developer Console [no-reply@sdm.im.ntu.edu....

寄: 謝維昭

2015年09月14日 下午 11:46

Hi,

Please follow the link to activate your account:

<http://sdm.im.ntu.edu.tw/devconsole/activate/?code=Bc36d911a95dc227a58993b08edac9627f365ba5dd25e0cf5d4bd8ac6bbe9de8209a39a907bd72144b0dccccb386cdd4214c7863c10154d1576a7414883bf822e>

The link expires at 2015/09/15 00:46:24.

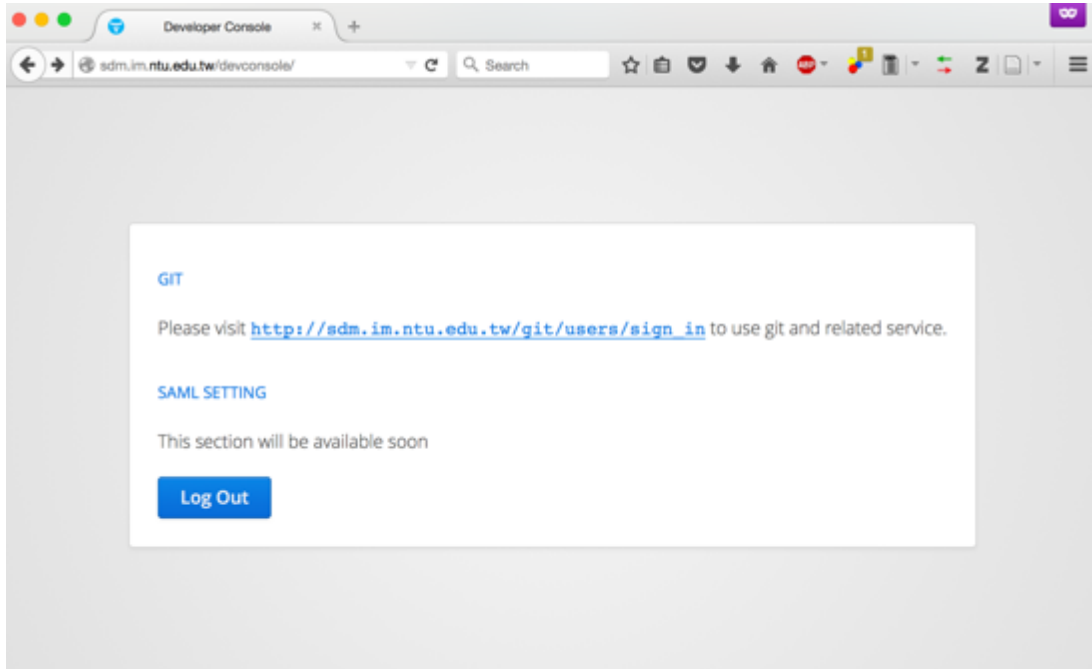
If you encounter any problem or have questions, DO NOT REPLY TO this email address. Instead, please contact pa4373@gmail.com for assistance.

If you didn't apply for password settings / reset, you can safely ignore this letter.

Thanks!

Wei-Shao Tang

Click the activation link. If you activated successfully, you will be redirected to the login panel again. This time, you can sign in with your **email username in lowercase** (Normally, it will be your student ID) and the password you just set. For instance, my email address is r03725010@ntu.edu.tw, so my email username in lowercase will be *r03725010*.



For now, it didn't do much, except providing a link to our Git system.

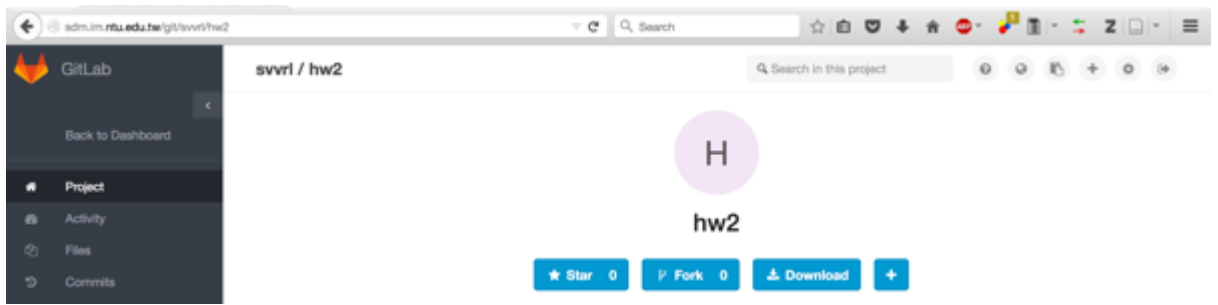
- Using *GitLab* as the course git system.

In the course, you will use *GitLab* to manage your repositories. *GitLab* is a web-based Git repository manager with issue tracking features. It's similar to other Git services such as *GitHub*.

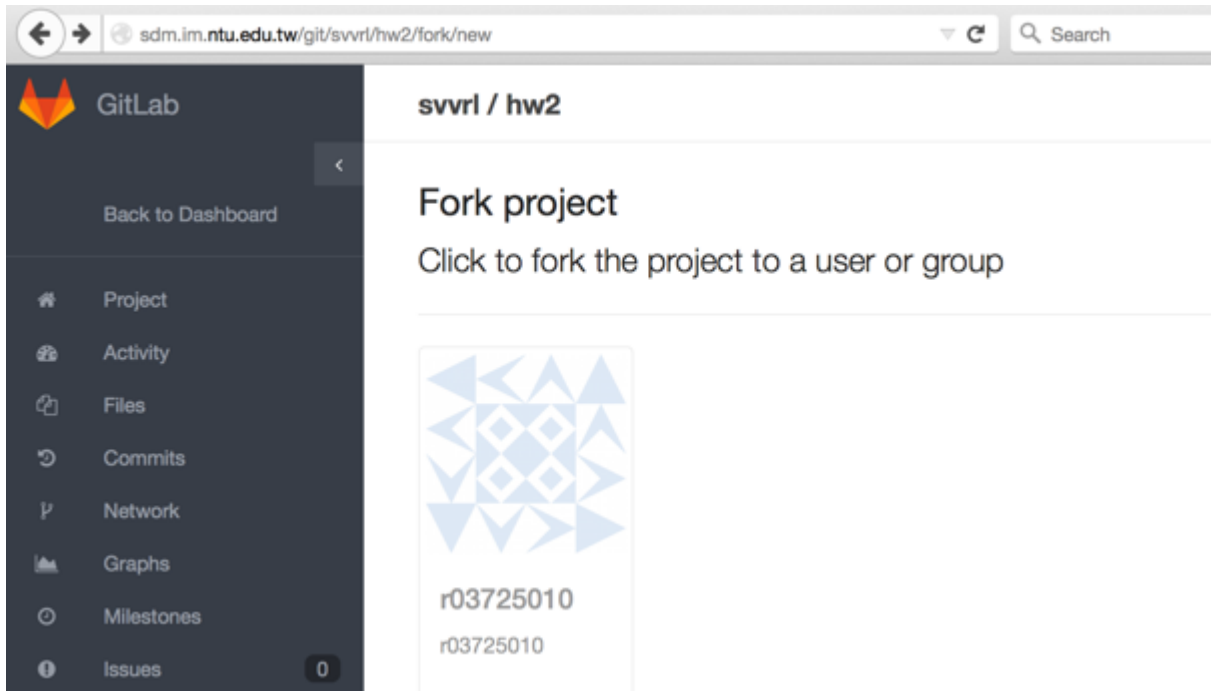
Navigate to http://sdm.im.ntu.edu.tw/git/users/sign_in, **make sure you clicked "SDM Sign-in" tab**, login with the same account for the developer console, and you should be able to access the dashboard. **(Email address isn't supported, please use your username instead.)**

- Fork a repository

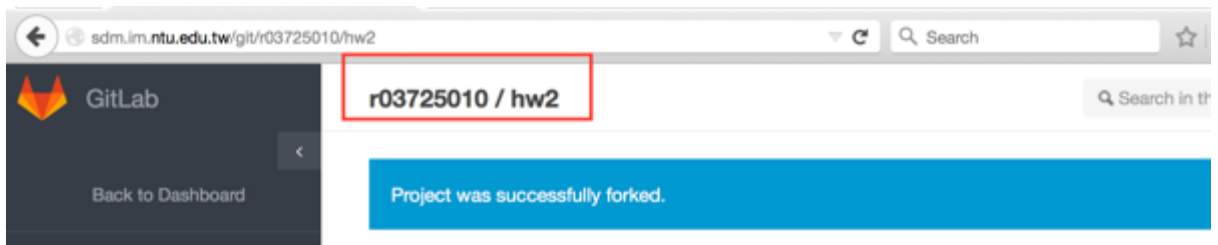
Navigate to <http://sdm.im.ntu.edu.tw/git/svvr1/hw2> click "Fork" button in the center .



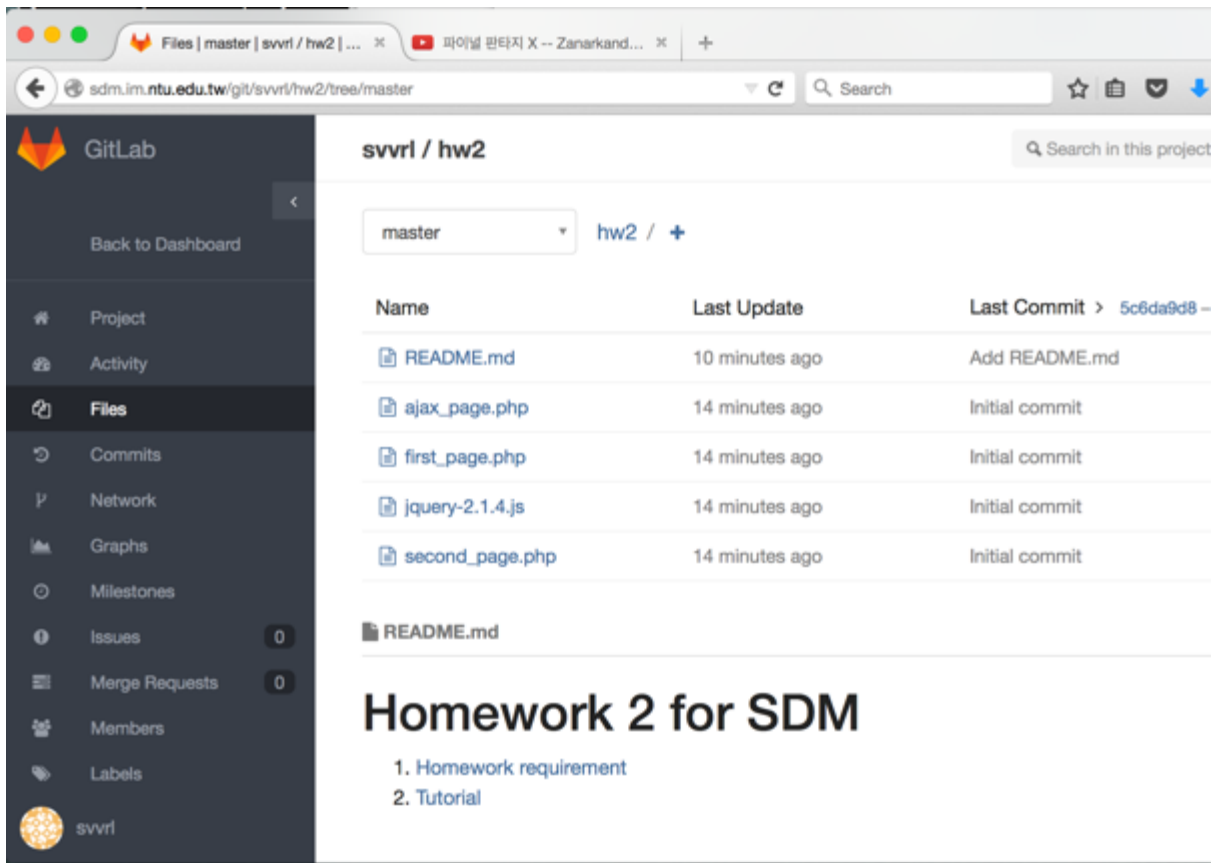
It will take you to the fork page. For now, just click the fork button.



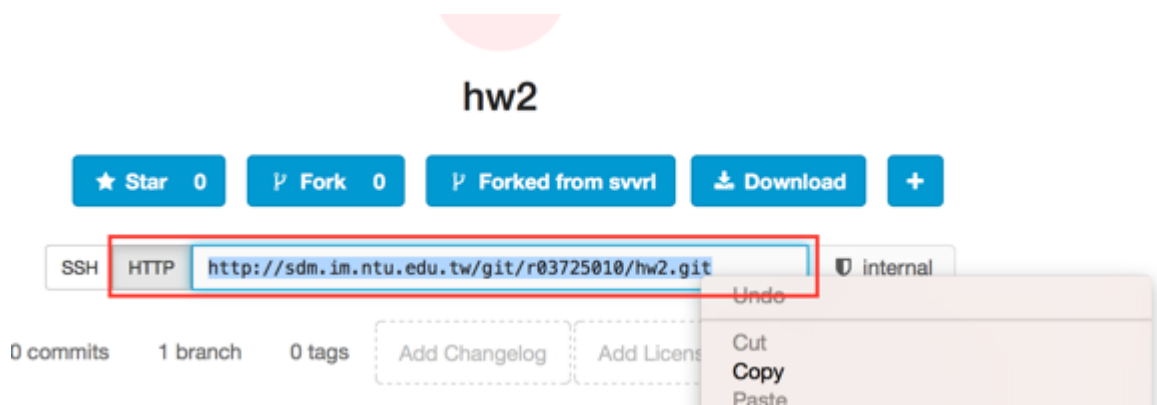
You shall have you own copy now:



You can browse your repository under “Files” section:



- Clone a repository



Select “HTTP” as the protocol used for file transfer, and it will output the remote repository URL on the textbox next to it. Click “Copy” to save the URL to your clipboard.

Fire up your terminal, and use the command below:

```
$ git clone <PLACE YOUR REPOSITORY URL HERE>
```

```
5. pa4373@pa4373-linuxdev: ~/hw2 (ssh)
pa4373@pa4373-linuxdev:~$ git clone http://sdm.im.ntu.edu.tw/git/r03725010/hw2.git
Cloning into 'hw2'...
Username for 'http://sdm.im.ntu.edu.tw': r03725010
Password for 'http://r03725010@sdm.im.ntu.edu.tw':
remote: Counting objects: 3, done.
remote: Total 3 (delta 0), reused 0 (delta 0)
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
pa4373@pa4373-linuxdev:~$ ls -l hw2/
總計 4
-rw-rw-r-- 1 pa4373 pa4373 8  9月 23 19:22 README.md
pa4373@pa4373-linuxdev:~$ cd hw2/
pa4373@pa4373-linuxdev:~/hw2$ git log
commit e98dc3b144ceea2a8a6b8b6caaedde8a6960d4b
Author: Administrator <admin@example.com>
Date:   Wed Sep 23 07:54:56 2015 +0000

    testing
pa4373@pa4373-linuxdev:~/hw2$
```

It will prompt you to provide username and password. Again, use the same account for the developer console for authentication.

- Privacy settings

Your repository is available to everyone in the class by default. They can see your code, fork your project, but they can't make change to your repository. Although we encourage the culture of open source, sometimes you might want to make the repository available only to yourself, and the teaching assistant.

- At the project page, click “Settings” button at the bottom of the left menu, you can see “Visibility Level” option in the settings page.

Project settings

Project name

Project description
(optional)

Default Branch

Visibility Level (?)

Private
Project access must be granted explicitly for each user.

Internal
The project can be cloned by any logged in user.

Some visibility level settings have been restricted by the administrator.

If you set your project to “Private”, your project will only be seen by yourself and the teaching assistant only.