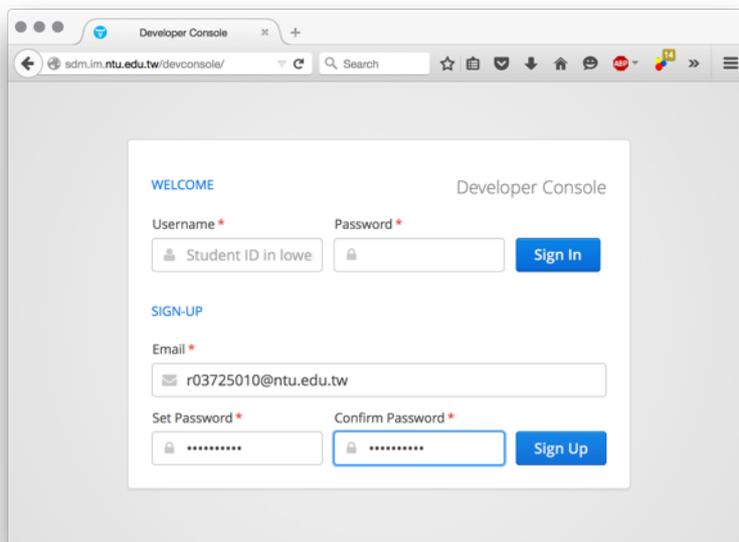


How to use SDM Developer Console

- 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...]

至: 唐維韶

2015年9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=8c36d911a95dc227a58993b08edad9627f365ba5dd25e0cf5d4bd8ac6bbe9de8209a39a907bd72144b0dccc386cdd4214c7863cf0154d1576a7414883bf822e>

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

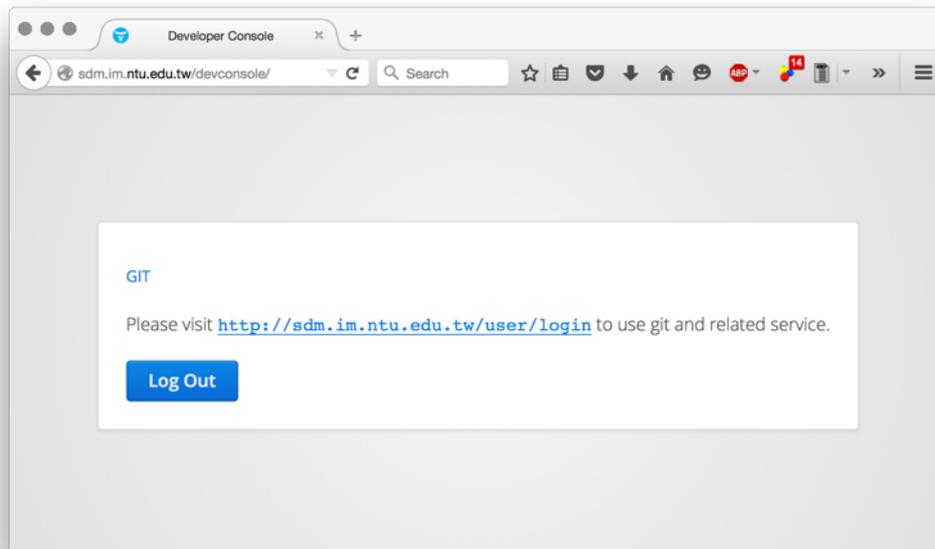
If you encounter any problem or have questions, DO NOT REPLY TO this email address. Instead, please contact pa4373@gmail.com for assistance.

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.

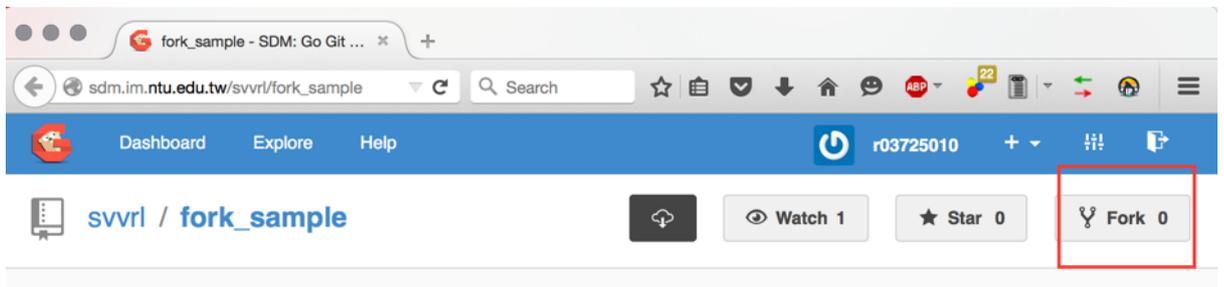
- Using *Gogs* as the course git system.

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

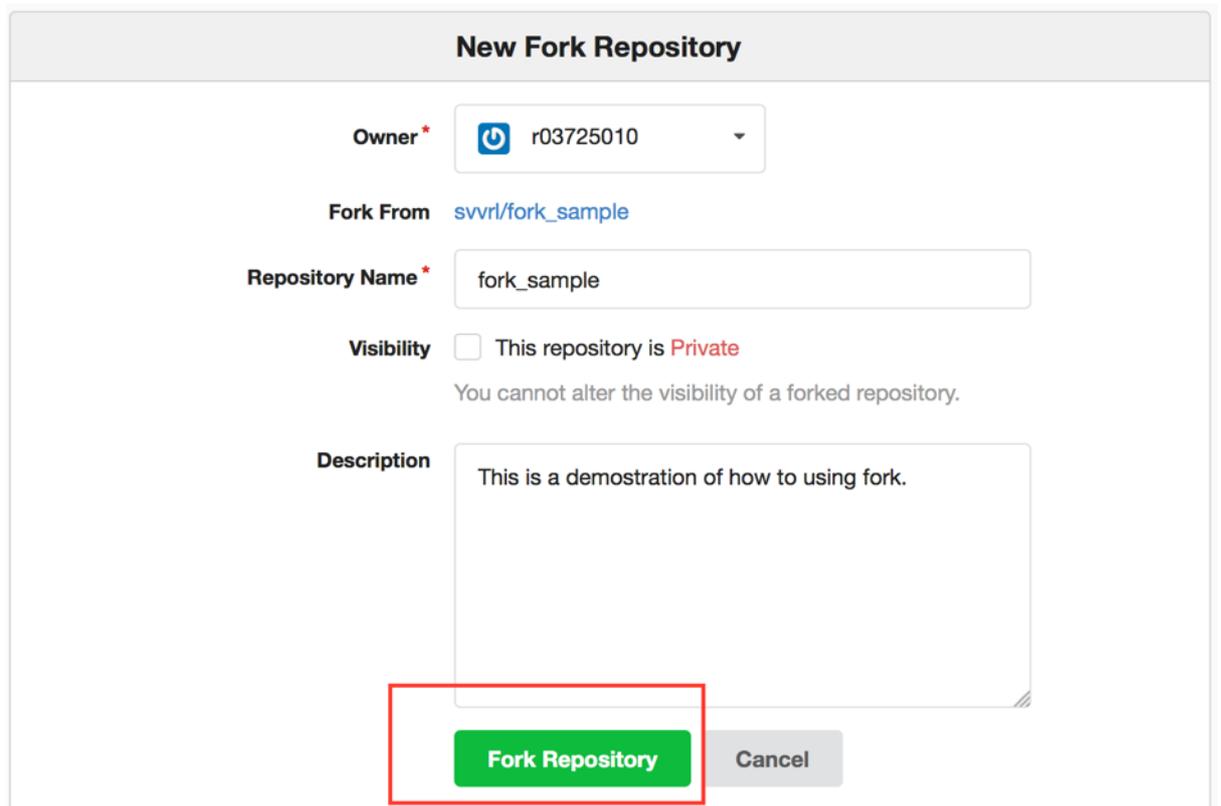
Navigate to <http://sdm.im.ntu.edu.tw/user/login>, login with the same account for the developer console, and you should be able to access the dashboard. **(Email address isn't supported, please use your username instead.)**

- Fork a repository

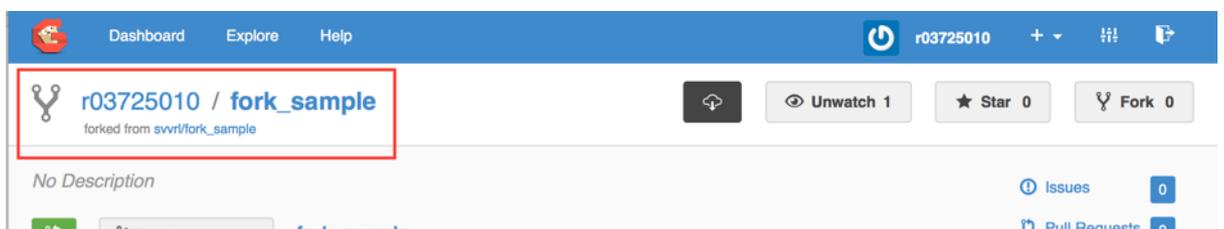
Navigate to http://sdm.im.ntu.edu.tw/svvr/fork_sample, click "Fork" button on the top-left section.



It will take you to the fork settings page. For now, just click “Fork Repository”.



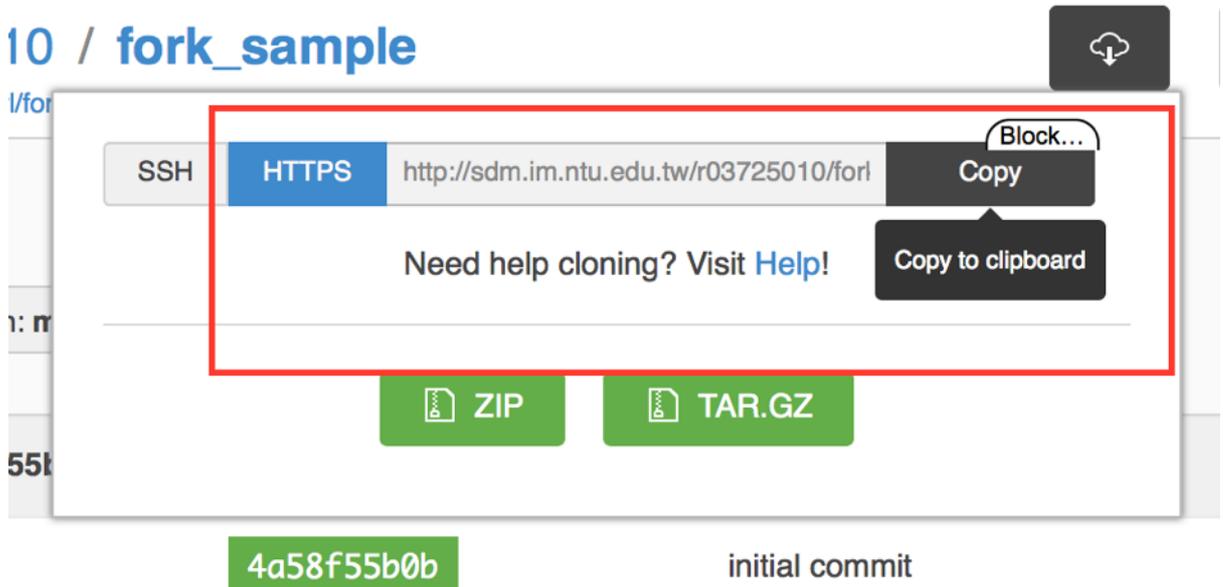
You shall have you own copy now:



- Clone a repository

At your repository page, you can see a button with cloud icon. Hover over the icon, and a window will pop up:

10 / fork_sample



Select “HTTPS” 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>
```

```
1. pa4373@pa4373-linuxdev: ~ (ssh)
pa4373@pa4373-linuxdev:~/sdm2015$ git clone http://sdm.im.ntu.edu.tw/r03725010/fork_sample.git
Cloning into 'fork_sample'...
Username for 'http://sdm.im.ntu.edu.tw': r03725010
Password for 'http://r03725010@sdm.im.ntu.edu.tw':
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0)
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
pa4373@pa4373-linuxdev:~/sdm2015$ ls -la
總計 12
drwxrwxr-x  3 pa4373 pa4373 4096  9月 15 00:57 .
drwxr-xr-x 39 pa4373 pa4373 4096  9月 15 00:57 ..
drwxrwxr-x  3 pa4373 pa4373 4096  9月 15 00:57 fork_sample
pa4373@pa4373-linuxdev:~/sdm2015$ cd fork_sample/
pa4373@pa4373-linuxdev:~/sdm2015/fork_sample$ ls -l
總計 4
-rw-rw-r--  1 pa4373 pa4373 59  9月 15 00:57 README.md
pa4373@pa4373-linuxdev:~/sdm2015/fork_sample$ cat README.md
# fork_sample

This is a demonstration of how to using fork.pa4373@pa4373-linuxdev:~/sdm2015/fork_sample$
[0] 0: bash* "pa4373-linuxdev" 00:57 15-Sep-15
```

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