

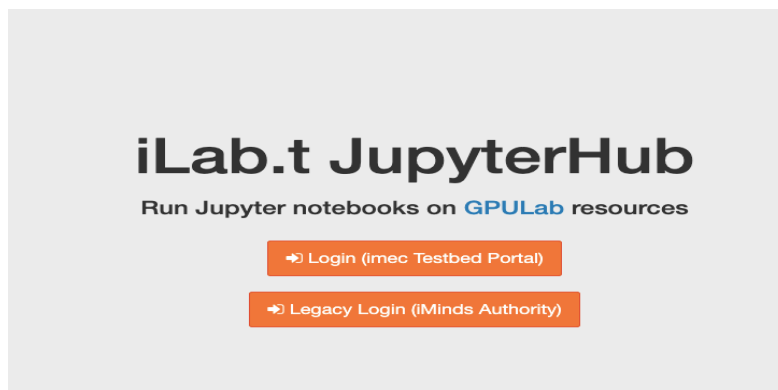
Lab Assignment 4

How to get started Instructions

Please note that, the resources in GPU lab to complete this assignment (GPU, CPU, RAM) will only be available for the limited time. You are free to use Goggle colab or any other resource outside of Lab session for completion of the assignment.

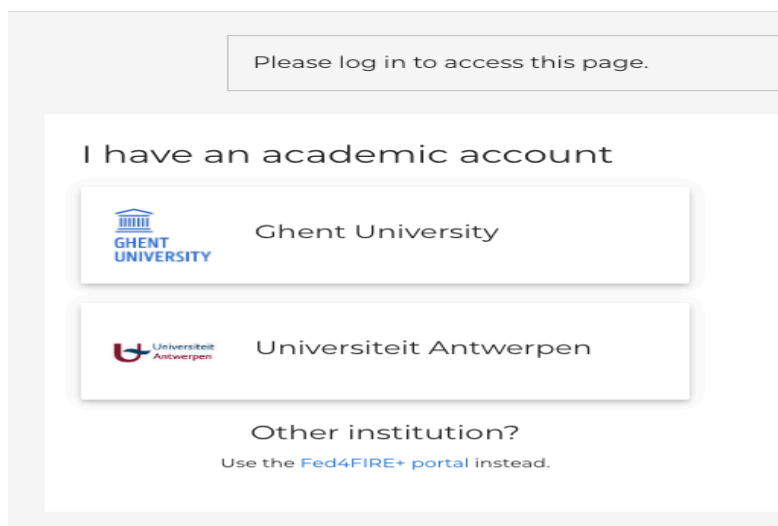
Step 1) Visit following link

jupyterhub.ilabt.imec.be



Step 2) Click on Login (Imec Testbed Portal)

Assuming at this point you already have created account and we have approved your account. Login should look like this



Step 3) Authorize Jupyterhub

JupyterHub on GPULab wants to access your imec Testbed Portal Account

This will allow JupyterHub on GPULab to access your:

- Username
- Full Name
- Email address
- Projects

✓ Authorize

✗ Deny

Note:- Please pay attention to next step. A specific config has been set up for proper use of resources.

Step 4) Fill in details

The details you need to fill in are:-

4.1) Select a project :- rlcourse_xx (xx = number you have been allocated)

4.2) Docker Image:- gitlab+deploy-token-

170:Kjod7MxG9ghoDzRqd6ww@gitlab.ilabt.imec.be:4567/asingh/rl_course:latest

4.3) CPUs:- 2

4.4) GPUs:- 1

4.5) MB Memory:- 14336

4.6) Cluster ID :- 11

The filled in values should look something like this

Server Options

General settings

Load Configuration

Save Configuration

Select a project:

rlcourse_01

Docker settings

Docker Image:

gitlab+deploy-token-170:Kjod7MxG9ghoDzRqd6ww@gitlab.ilabt.imec.be:4567/asingh/rl_course:late

Requested resources

CPUs:

2

GPUs:

1

#MB Memory:

14336

Cluster ID:

11

Job will run on cluster 11

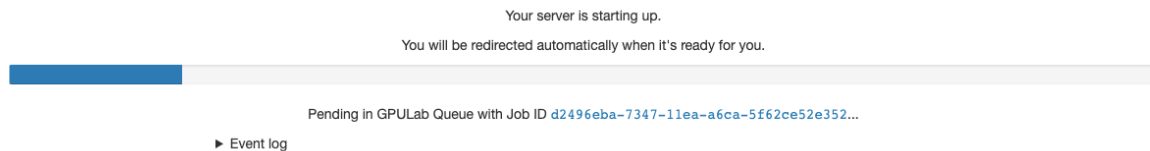
Currently available: 0 GPU's 0 CPU's 11 GB of memory. (details)

Show Advanced Options

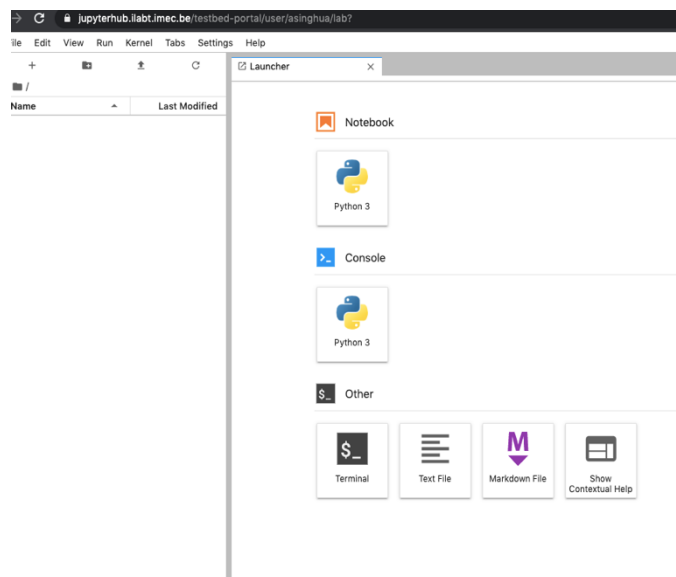
Start

Step 5) Click on start

You should see a screen like this



Step 6) When you successfully get resources, it looks like this



Step 7)

Copy the provided link provided below and paste in the current browser tab where you see the above shown screen.

https://jupyterhub.ilabt.imec.be/testbed-portal/hub/user-redirect/git-pull?repo=https%3A%2F%2Fgithub.com%2FRajawat23%2FRL_Lab&urlpath=lab%2Ftree%2FRL_Lab%2Flab_session7

This link will fetch the git repo and you'll see your Assignment notebook(s).

Step 8) If you close your browser your jupyter hub server will still be running, It's important that you free your resources before you exit.

Follow following steps:-

8.1) File > Hub Control Panel

8.2) Click on **Stop My Server**

Stop My Server

My Server