


# QMUL GPU Service (Comp Teach) Instruction

V5.2 Updated 1<sup>st</sup> November 2024

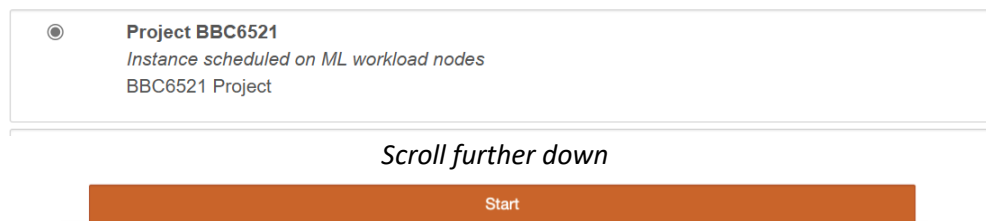
## 1. Login EECS JupyterHub

- Browse <https://hub.comp-teach.qmul.ac.uk> (Firefox or Chrome recommended)



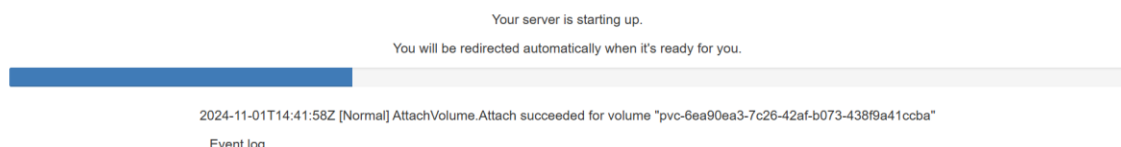
The image shows the login page for QMUL COMP-TEACH. At the top, it says "QMUL COMP-TEACH" and "EMAIL SUPPORT AT COMP-TEACH@QMUL.AC.UK". Below this is a white box with the heading "Sign in to your account". Inside the box are two input fields: "Username" and "Password". The "Password" field has a toggle icon (an eye) to its right. At the bottom of the box is a blue button labeled "Sign In".

- Enter your QMUL College username and password (without the @qmul.ac.uk suffix in the username, same as QMPlus).  
You will then be directed to the Hub Control Panel where you can find a list of servers. Locate "**General Purpose tensorflow: Instance scheduled on ML workload nodes**" and click "Start"



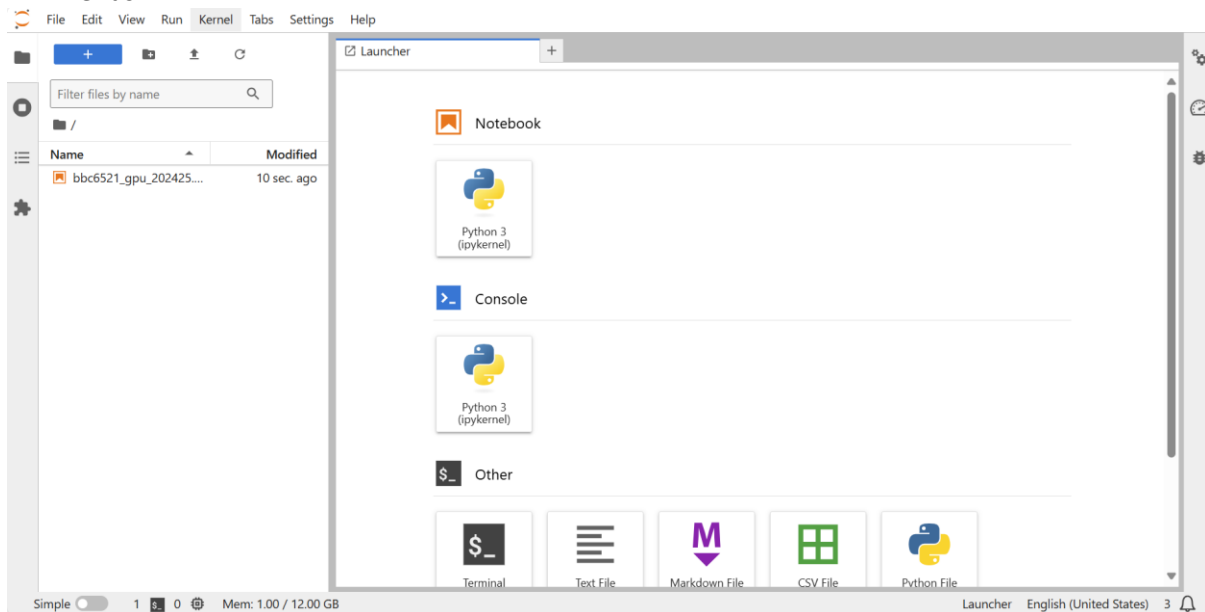
The image shows a snippet of the Hub Control Panel. It contains a table with one row. The first column has a radio button. The second column contains the text: "Project BBC6521", "Instance scheduled on ML workload nodes", and "BBC6521 Project". Below the table is a button labeled "Start".

- It would take a short moment for the server to start. Please be patient and wait.



The image shows a status bar with a blue progress indicator. Above the bar, it says "Your server is starting up." and "You will be redirected automatically when it's ready for you." Below the bar, it shows a timestamp "2024-11-01T14:41:58Z [Normal] AttachVolume.Attach succeeded for volume \"pvc-6ea90ea3-7c26-42af-b073-438f9a41ccba\"" and "Event log".

- Once it is ready, you will be directed to a workspace with the file browser, Launcher and various menus:



- You can now import the basic usage notebook "bbc6521\_gpu\_202425.ipynb" (you may also drag-n-drop into the file browser). Please study the notebook carefully and learn how to work with the server.
- A more detailed documentation of JupyterHub can found at: <https://jupyter.org/documentation>.

## 2. Transferring files to/from servers

To upload your own files, you can simply drag and drop your files into the file browser of the workspace. You can download a file by right-click and choose "Download". This should be similar to most online Integrated Development Environment (IDE).

If you wish to download files directly from the Internet to your user space in the Hub, you can use the command "wget" ([manual](#)) in the terminal. This is usually quicker.

## 3. Disk Quota and Datasets

The disk quota for user space is 24 GB. If you have large datasets for your project, please first discuss with your project supervisor and email [comp-teach@qmul.ac.uk](mailto:comp-teach@qmul.ac.uk) to make a request.

## 4. Technical support

For technical support on accessing and using our QMUL/EECS GPU service, please get in touch with [comp-teach@qmul.ac.uk](mailto:comp-teach@qmul.ac.uk).