

In this lab, I learned how to set up the development environment to implement the mbed system.

### (1) Create an github account

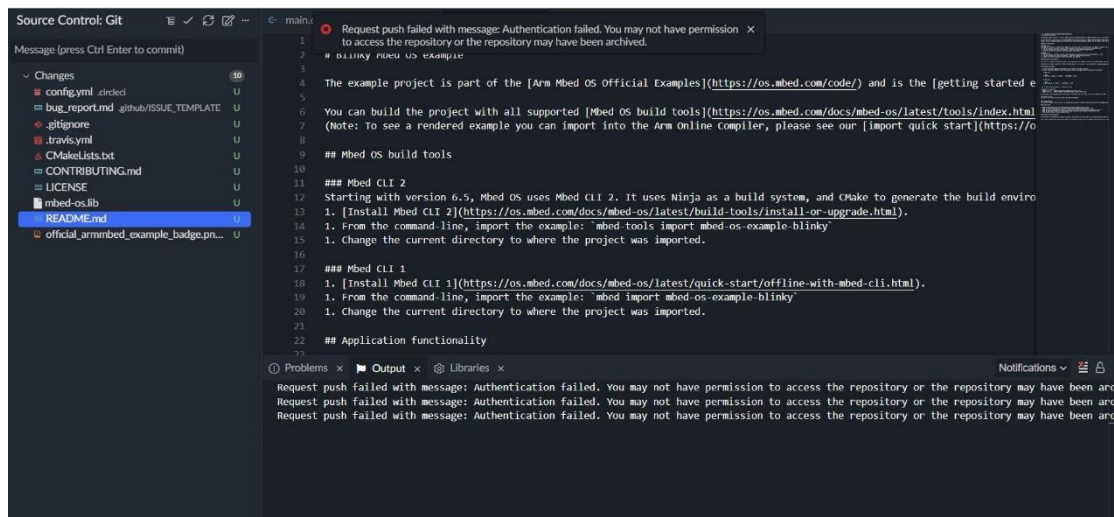
I had created my account a long time ago but just use it to watch other's project and codes. In this step, I learn more feature to github, which are useful for project in future.

### (2) Install VScode, C/C++ compiler and Python

I had install the software and tools before, but this time I complete the whole step to build a more stable development enviroment

### (3) Install Git Dekstop tools and Setup SSH key

In this step, I connected my host and successfully upload my file to github, I also encounter the problem(Authentic problem) I mention in the forum on eclass, I figure it out after reading the official tutorial to solve the problem.



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Source Control: Git
Message (press Ctrl Enter to commit)
Changes
  config.yml dircled U
  bug_report.md github/ISSUE_TEMPLATE U
  .gitignore U
  .travis.yml U
  CMakeLists.txt U
  CONTRIBUTING.md U
  LICENSE U
  mbed-os-lib U
  README.md U
  official_armmbed_example_badge.png U

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2 # Blinking mbed os example
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4 The example project is part of the [Arm Mbed OS Official Examples](https://os.mbed.com/code/) and is the [getting started e
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6 You can build the project with all supported [Mbed OS build tools](https://os.mbed.com/docs/mbed-os/latest/tools/index.html)
7 (Note: To see a rendered example you can import into the Arm Online Compiler, please see our [import quick start](https://o
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9 ## Mbed OS build tools
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11 ### Mbed CLI 2
12 Starting with version 6.5, Mbed OS uses Mbed CLI 2. It uses Ninja as a build system, and CMake to generate the build enviro
13 1. [Install Mbed CLI 2](https://os.mbed.com/docs/mbed-os/latest/build-tools/install-or-upgrade.html).
14 1. From the command-line, import the example: `mbed-tools import mbed-os-example-blinky`
15 1. Change the current directory to where the project was imported.
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17 ### Mbed CLI 1
18 1. [Install Mbed CLI 1](https://os.mbed.com/docs/mbed-os/latest/quick-start/offline-with-mbed-cli.html).
19 1. From the command-line, import the example: `mbed import mbed-os-example-blinky`
20 1. Change the current directory to where the project was imported.
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22 ## Application functionality
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### (4) Installing mbed Studio

Just follow the step, and it works perfectly. But there is some issue that I encounter, The second program can't read the libraries, even though I add the library from the official ARM github, it still has some problem related to Python. So I uninstall it and reinstall the latest version, wola then it work, cant' figure out why but the problem is solved.

### (5) Discussion

It took me a lot of time to set up the system. But it works perfectly by doing the following steps, I thought it's a good start. Also, I am looking forward to have a new laptop, CPU works at 100% everytime running the mbed Studio and also took lots of time.