Docker installation

System requirement

1. 64 Bit, Windows 10 pro or Windows 10 enterprise with Hyper-V available (https://docs.docker.com/docker-for-windows/install/).
2. Internet connection

Step 1

Step by step Docker installation

1. Download Docker for Windows: https://docs.docker.com/docker-for-windows/install/#download-docker-for-windows

2. Double-click **Docker for Windows Installer.exe** to run the installer.

   If you haven't already downloaded the installer (Docker for Windows Installer.exe), you can get it from **download.docker.com**. It typically downloads to your Downloads folder, or you can run it from the recent downloads bar at the bottom of your web browser.

3. Follow the install wizard to accept the license, authorize the installer, and proceed with the install.

4. Click **Finish** on the setup complete dialog to launch Docker.

   Now Docker will automatically start. This will take some time, and machine will restart.

5. Once the machine is restarted. Make sure Docker is up and running.

   Docker icon can be seen in the task bar. Once you keep the cursor on it, it should show 'Docker is running'.

6. Right click on the Docker icon at the bottom of the task bar, and click on 'switch to Linux containers'.

Step 2

Build your own Docker image

1. Get the project folder from Data61 Dropbox (https://www.dropbox.com/sh/28h5r4iuj04ttgv/AADS9HBW24SavezTMvSgkY-za?dl=0)
2. Open the command prompt
3. Change the directory path to the project path
   Ex: **CD .. C:/Data61_WesternWater**
4. Build the Docker image
   docker build –t ww:01 .
   Please make sure you include the '.' after the space in the command as shown above.

Now you can run the tool according to the instructions given in the user guide provided by Data61.