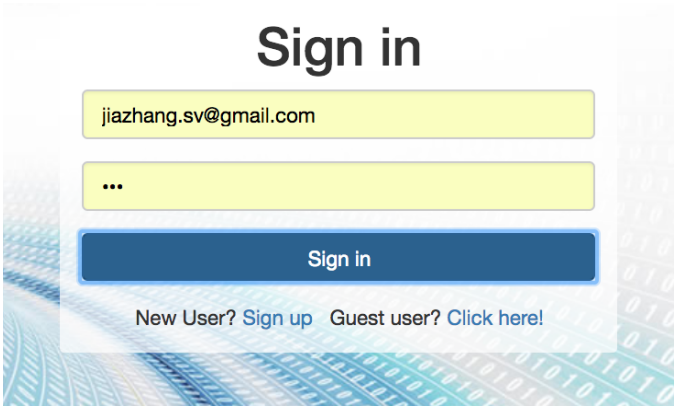
Tutorial of Dockerized App Registration on OpenNEX (Part 2)

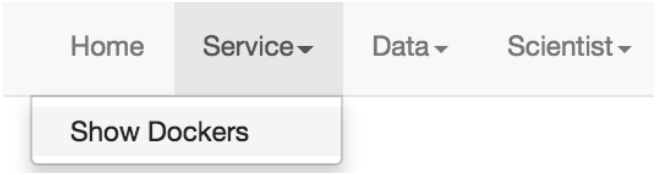
8. Register your dockerized app to OpenNEX App Store (http://hawking.sv.cmu.edu:9003):

8.1 Click on “Applications” button to go to OpenNEX App Store:

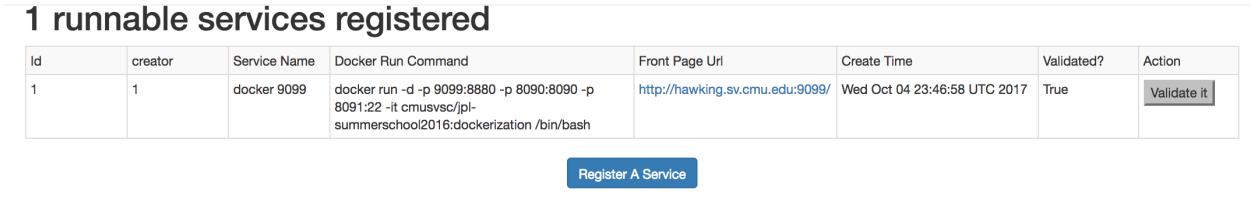
8.2 If you did not have an account, sign up an account. Otherwise, log into the system:



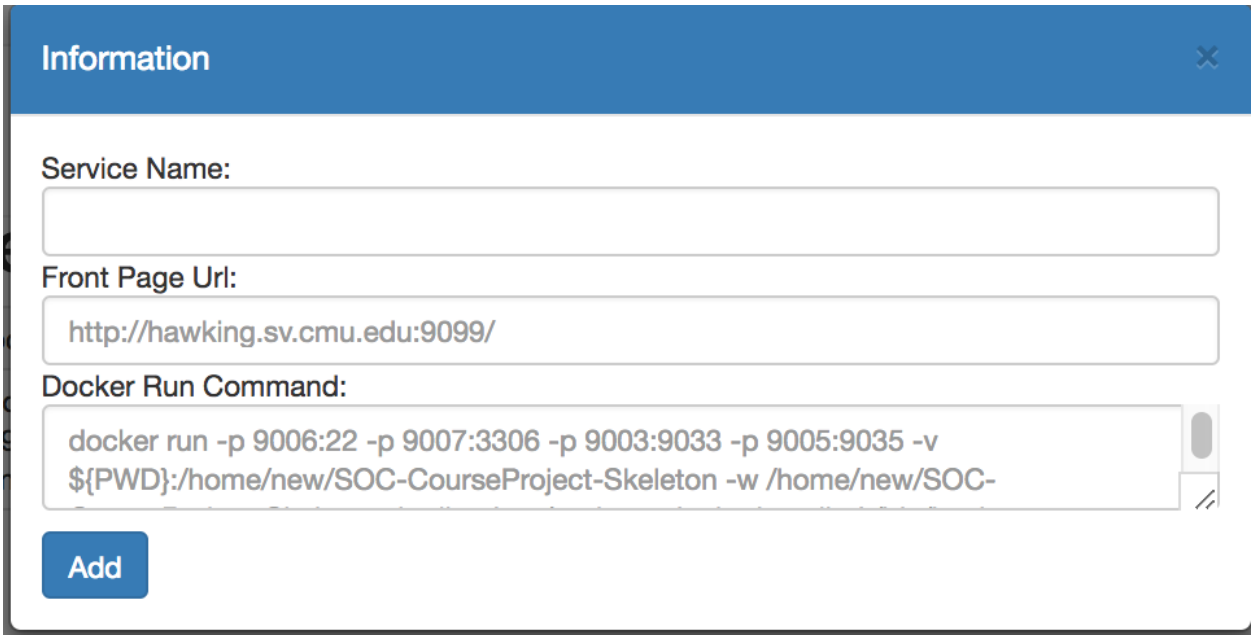
8.3 Go to “Service” Tab, click on “Show Dockers”:



8.4 You will see a list of registered dockerized apps. Then you will click on button “Register A Service”:



8.5 You will fill the following pop up window with information:



8.5.1 Provide Service Name.

8.5.2 Provide Front Page URL (if your dockerized app provides homepage).

8.5.3 Provide a docker run command (so that we know how to run your docker image):

Note that since your app allows others to access, you will need to specify ports. For example,
docker run -p 9006:22 -p 9007:3306 -it <Your_Docker_ID>/<Your_repo>:v1 /bin/bash
The first binding "-p 9006:22" binds port 22 of the container to port 9006 of the host machine (host machine is one of our servers, so you may need to check if the port is available in our side);
The second binding "-p 9007:3306" binds port 3306 of the container to port 9007 of the host machine.
If you have multiple ports to be exposed to your users, then you will provide multiple bindings.

8.6 If you provided the homepage, you can click the link in the docker list to navigate yourself to the web page. If it is up, then it means that your docker container is running. You can thus click the "validate" button to confirm.