How to deploy projects to AWS Ubuntu servers

Clip: [AWS Ubuntu Servers](http://aws.amazon.com/cn/free/?sc_channel=PS&sc_campaign=acquisition_US&sc_publisher=google&sc_medium=cloud_computing_b&sc_content=aws_generic_bmm&sc_detail=+aws%20+amazon&sc_category=cloud_computing&sc_segment=61345593522&sc_matchtype=b&sc_country=US&s_kwcid=AL!4422!3!61345593522!b!!g!!+aws%20+amazon&ef_id=VTVI0gAAAWg2ShxU:20150421035043:s)

AWS Ubuntu Server is a 3rd party server developed by Amazon.

Logging into the server

1. From mac/linux machine

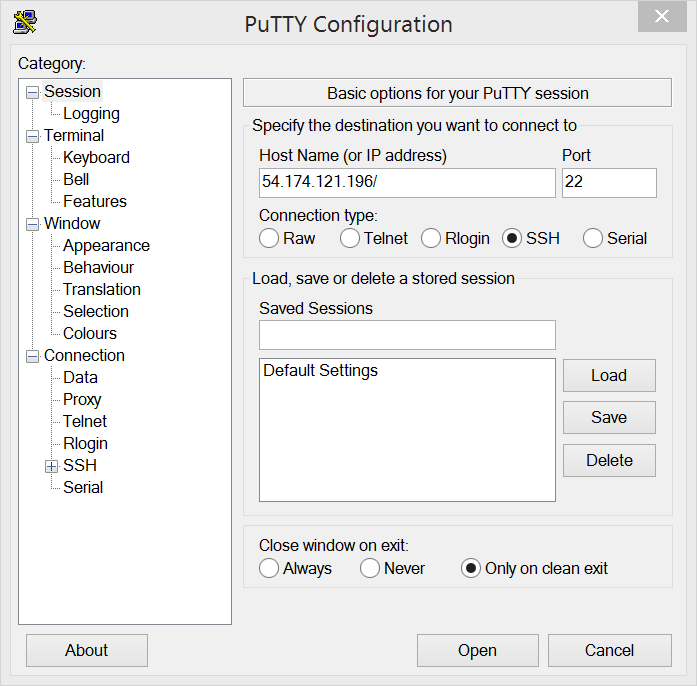
If you have mac or you have some linux OS (e.g. Ubuntu) then you would need to use terminal to connect to the server. Simply open the terminal and type:

ssh student@54.174.121.196

1. From windows machine

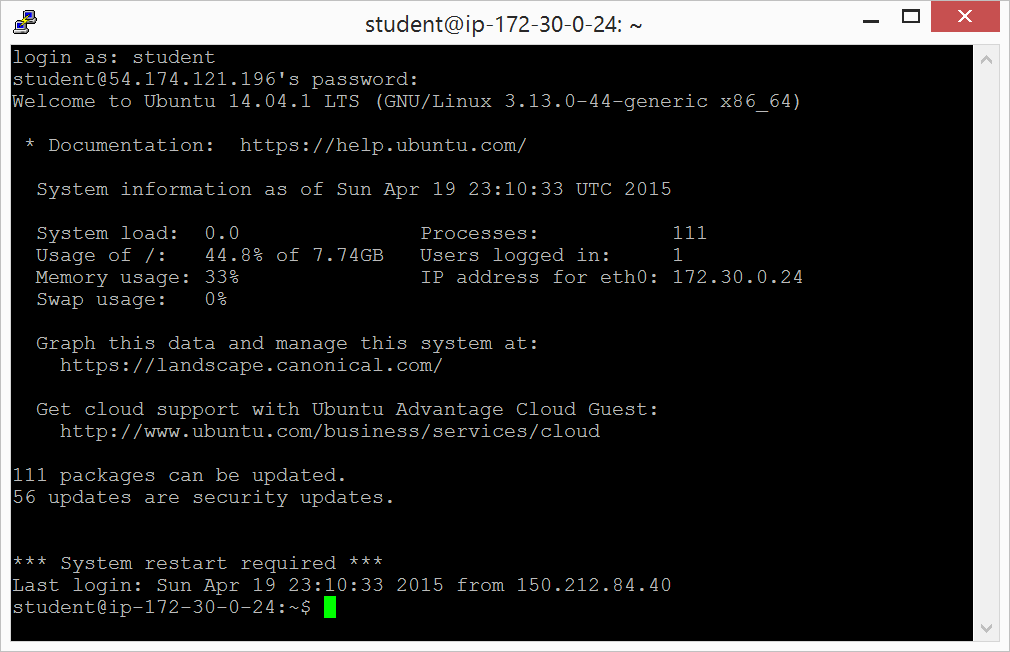
If you have Windows OS, then you need to use [PuTTy](http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html) software. Simply download it and run it. In the opened window enter server IP in the host area and leave port 22 as default. You can also save the setting for future use if you give it a name and click save button. See the picture below for the example:

[54.174.121.196/](http://54.174.121.196/)



Then click open and in the opened window enter your username, hit enter, then enter your password.

(username: student password: infsci271141)



Preparing Ubuntu

geyword.sh, install it

clip: geyword finishes following process:

cd MultiDBs-Utils

mvn install

cd MultiDBs-KeywordSearchG-Server

mvn install

cd MultiDBsKeywordSearchGServerAPI/target

nohup java -jar multidbskeywordsearchgserverapi-0.1-SNAPSHOT.jar > log.out 2> error.log < /dev/null &

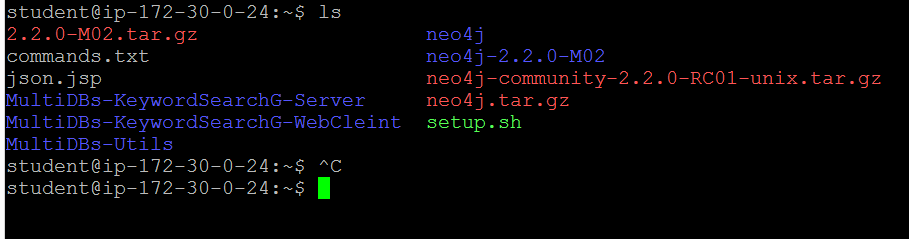
cd /usr/share/nginx

ln -s /opt/project/MultiDBs-KeywordSearchG-WebCleint/public\_html

Getting the source code to the server

1 check project folder

student@ip-172-30-0-24:~$ ls



2 clone all required github repos.

sudo git clone https://github.com/infsci2711/MultiDBs-KeywordSearchG-Server.git

The server code will be served directly from the project folder with Jetty web server, however to server “static” Web UI (Client code) you have several options:

a. Create symlink to the client code in the project folder

b. Copy client code from the project folder to the nginx folder

c. git clone your client code directly in the nginx folder

good luck : )