HOWTO: Deployment Server

I assume windows operating system!

If your using mac/linux/solaris, these would not be the actual steps

Pre-requisites:

1. Xming ([http://www.straightrunning. com/XmingNotes/](http://www.straightrunning.com/XmingNotes/))

2. Putty ([http://www.chiark.greenend. org.uk/~sgtatham/putty/ download.html](http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html))

# Connect to deployment machine ('rho'):

1. Run the Xming server on host machine - Machine that you are going to login from

2. Start putty, Under the Category (ribbon on the left) navigate to Connection > SSH > X11. Check Enable X11 forwarding

3. Now go up to session(under category), type in the Host Name(or IP address) as [gateway.coe.neu.edu](http://gateway.coe.neu.edu/). Let the port be 22 and click open.

4. After the exchange of some keys to which you should say YES, you shall be prompted to enter your COE username. On the password prompt, your COE password.

5. This lets you into the Gateway machine (**This is NOT the machine we intend to deploy our builds**)

6. Now, you got to ssh to 'rho' from the gateway machine. So you type in the command

      > ssh -Y rho -p 27

7. It again prompts for your COE password. As you get authenticated this time, you shall login into the machine we are going to use for our deployment.

# Disconnect:

1. Type exit on the putty terminal or just close putty.

# Notes:

1. If you face any problems regarding authentication, please talk to people at the PA desk in 274 SN if you need to reset your password. If you face any other problems, lets take it up on Wednesday may be before or after class.

2. You cannot login into the rho machine directly from the internet or intranet, it has a one way authorized access. Thus you got to first login into gateway and then into rho.

# Important Information:

1. The **database name is ClubUML**. The passwords for Mysql ***admin*** is '*north7495'* and normal **user** is '*north'.* Mysql-workbench is available on rho, so it can be used to look at the database on the local machine

2. Oracle **Java**is installed in **/usr/local/java/bin**

3. There is a directory on [rho.coe.neu.edu](http://rho.coe.neu.edu/) (**/var/lib/tomcat7/webapps/Club UML** that gives rw access to anyone in the csye7945 unix group (getent group csye7945 to see who is in the group).  Anyone in the group should be able to drop a WAR or other type of file into that directory.  I believe that should automatically make it available on the web. This URL: ([rho.coe.neu.edu/manager/html](http://rho.coe.neu.edu/manager/html)) should allow for control of the ClubUML website

4. **Tomcat's** running on port **8080** at the moment. If the tech guys change it, we shall be notified