KAIST
EE209: Programming Structures for EE
A Minimal EE 209 Computing Environment

1. Your Account in LabMachine

One time only…

Notes:

• LabMachine is a cluster of computers that is administered by TA.

• The LabMachine consists of 26 computers which have Fedora 12.

• The local computer communicates with LabMachine via a terminal emulation program that can use the SSH protocol. Two such programs are PuTTY (for MS Windows) and Terminal (for Mac OS X).

1.1. Your student id number is **your account ID**.

1.2 Password of your account ID is **ee209**. All students have the same password. Make sure to change the password on **all** 26 machines. When you log in, you refer to the next step(**Conducting a LabMachine Terminal Session).**

> Password Change Command is "passwd"
> If you issue the command "passwd",
> In response to the "(current) UNIX password: ", type the "ee209"
> In response to the "New password: ", type your new password.
> In response to the "Retype new password: ", type your new password.
>
> Note : The change of password is limited to the computer you logged in. You have to change the password on all 26 machines.

2. Conducting a LabMachine Terminal Session

Repeatedly throughout the semester as required…

2.1. Using a Lab Computer Running Microsoft Windows

2.1.1. Launch PuTTY.[1]

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[1] If you want to install Putty, use a web browser to visit the page http://www.putty.org/. Click on the "You can download PuTTY here" anchor. In the resulting page, click on the "putty.exe" anchor. In the "File Downloading" dialog box, click on the "Save" button. In the "Save As" dialog box,

From the "Start | All Programs | PuTTY" menu, click on PuTTY.

2.1.2. Log into LabMachine.

In PuTTY...
Click on the "Window | Colours" Category, and make sure the "Use system colours" checkbox is checked.
Click on the "Session" Category.
In the "Host Name (or IP address)" text box, type any LabMachine IP (143.248.141.52 ~ 143.248.141.77).
Make sure that the "Port" text box contains "22".
Make sure the "Connection type" radio button panel is set to "SSH".
Make sure the "Close window on exit" radio button panel is set to "Only on clean exit".
Click on the "Open" button.

In the resulting PuTTY window…
If you log into LabMachine at the first time, "PuTTY Security Alert" warning message is popped up. If you click the "yes" button, this message is never shown. In response to the "login as:" prompt, type your user id followed by the Enter key. In response to the "password:" prompt, type your password followed by the Enter key. (The password will not echo as you type.)
Confirm that the PuTTY window displays a Unix shell prompt.

2.1.3. Use LabMachine via PuTTY as desired.

2.1.4. Log out of LabMachine.
In PuTTY, issue the "logout" (or "exit") command to disconnect the client from LabMachine (PuTTY will exit automatically).

2.2. Using a Lab Computer Running Mac OS X:

2.2.1. Open a Terminal window.

Click on the "Terminal" button at the bottom of the screen; its icon is a video display with a cursor.

2.2.2. Log into LabMachine.

In the terminal window...
Issue the command "ssh *yourUserId*@143.248.141.52", The available IPs

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choose some appropriate location in your local file system. Then launch PuTTY by double-clicking on the putty.exe file via Windows Explorer.

are: 143.248.141.52 ~ 143.248.141.77
If an SSH-related message appears, type "yes".
Type your password, followed by the Enter key.

2.2.4. Use LabMachine via the terminal window as desired.

2.2.5. Log out of LabMachine.
In the terminal window...
Issue the "exit" or "logout" command.

2.2.6. Close the Terminal window.
Issue the "exit" or "logout" command.