# Physics Department Server: Windows Client Setup

**Needed programs and their setup:**

1. **Putty:** Download Putty.exe file from:

   `http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html`

   and save it on the desktop. There is no installation needed for this program.

2. **Xming and Xming-fonts:** Download Xming and Xming-fonts installers from:

   `http://sourceforge.net/project/showfiles.php?group_id=156984`

   and install them one by one by choosing the default options. Make sure at the end of the step "Xming" is not launched, because we are yet to install all the fonts.

3. **Mathematica Fonts:** Download Mathematica Fonts in the zip format by clicking on the link provided in Section I item 1 of the following web-page:

   `http://gears.aset.psu.edu/hpc/software/math/mathem/fonts.shtml`

   You do not need to read the document. Once downloaded XP should automatically unzip the file and show you the contents of the file. Just copy the BDF folder to:

   `C:\Program Files\Xming\fonts`

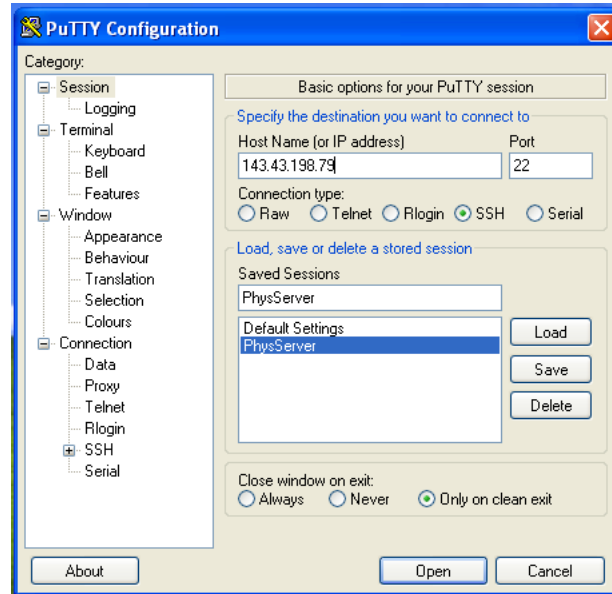   and the font files from inside of the Type1 folder from the unzipped folder to:

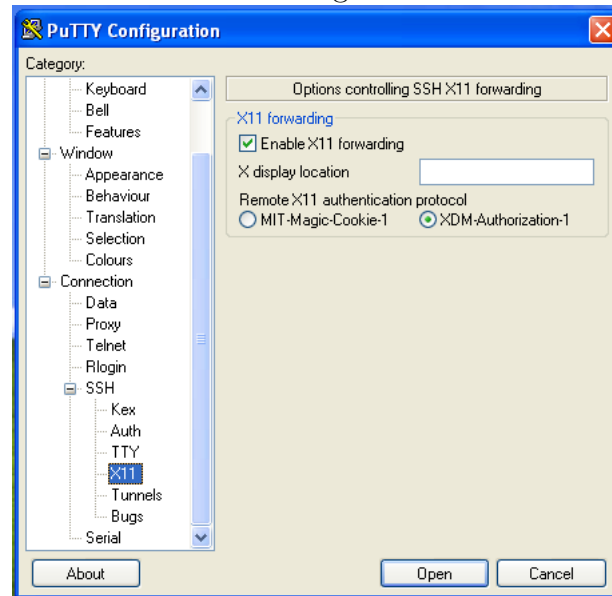   `C:\Program Files\Xming\fonts\Type1`

**Connection:**
Once the above programs are installed here are the steps to follow:

1. Launch the newly installed Xming program you should see a X icon in the windows toolbar.

2. Then launch Putty, and enter the ip address of the server (143.43.198.79). In future, it will have a hostname abacus.wiu.edu for easy reference. UCSS is just too slow in addressing the request to setup the hostname. Like you see in the picture you can save

the setting. Make sure ssh is checked.



3. Then click on the ssh menu in the left column and choose the selected options as seen in the picture below to allow for x11 forwarding.



Once right options are selected give a name to your configuration by going back to the session menu and save it. That way you can recall it when you are trying to connect the next time.

Sincerely,
Kishor T. Kapale
System Administrator,
abacus.wiu.edu