

1. Save the Xming exe setup file on your local computer.
2. Run the Xming setup exe file to install Xming. Select all the default options set by the installer.
3. Xming application is now installed and located in the Program Menu. Click on Xming to start the X11 Manager on your local system to receive graphics user's interfaces from remote systems.
4. Once Xming is running you should see the Xming application log by the system time in the lower right hand corner.

#### SSH: Secure Shell Client – Command Line Access

1. To download and install a Secure Shell Client go to:  
<https://www.csun.edu/itr/downloads/index.cgi> CSUN authentication is required on this download site.
2. Run the Secure Shell Client Install. Accept all the default installations options.
3. Run the Secure Shell Client from the Program Menu.
4. To connect to a system in JD1102:
  - a. Click on Edit> Settings -> Tunneling
  - b. Make sure the “Tunnel X11 Connections” is checked
  - c. Click OK
  - d. Click on the “Quick Connect” button
  - e. Save the modified settings. Click “Yes”
  - f. Enter Hostname: dcd130.ecs.csun.edu
    - i. **Note:** Hostname go from dcd130 – dcd159. Select one randomly to even out system load on all workstations.
  - g. Enter “User Name” ie vs23324
  - h. Click “Connect”
  - i. Accept and Save security keys.
  - j. Enter CSUN Password
5. You should now have an X11 forwarding terminal. You can run the “xclock” command to test your X11 forwarding.