

# UNIVERSITY OF WATERLOO

## UW ASIC GROUP: X-Windows Tutorial

### Description:

This is a no-frills tutorial on using X-Windows to access UNIX applications from a Windows® terminal.

### CONFIGURE X-WIN:

1. On any Nexus workstation:  
**Start > All Programs > Internet Tools > X-Win32 5.1 > X-Config**
2. Click the **Add** button.
3. Select **XDMCP** from the list and click the **Next** button.
4. Enter the following information:  
Session name: **UW ASIC**  
Host name: ***unixStationName.uwaterloo.ca***  
where, *unixStationName* may be one of the following:  

|                 |                |                |                |                |              |
|-----------------|----------------|----------------|----------------|----------------|--------------|
| <i>aho</i>      | <i>ampere</i>  | <i>babbage</i> | <i>backus</i>  | <i>bode</i>    | <i>booth</i> |
| <i>demorgan</i> | <i>faraday</i> | <i>hertz</i>   | <i>huffman</i> | <i>joule</i>   | <i>kilby</i> |
| <i>knuth</i>    | <i>moore</i>   | <i>morse</i>   | <i>nyquist</i> | <i>oersted</i> | <i>ohm</i>   |
| <i>orphan</i>   | <i>ritchie</i> | <i>taylor</i>  | <i>watson</i>  | <i>watt</i>    | <i>wirth</i> |
| <i>zuse</i>     |                |                |                |                |              |
5. Click the **Save** button.
6. Select the Session that you just created from the list and click the **OK** button.

Nothing will happen yet.

### EXECUTE X-WIN:

1. On any Nexus workstation:  
**Start > All Programs > Internet Tools > X-Win32**
2. An X-Win32 Notice window appears, click the **OK** button.
3. An X-Win32 Demonstration window appears, click the **Continue** button.
4. On the taskbar right click “X-Win32” program, and select **Sessions > UW ASIC**.

Be patient. In a moment you will be presented with a UNIX login screen. Login using your UNIX account (see Cadence Tutorial 1). Be patient. In a few moments you will be presented with a “Performance Meter – *unixStationName*” window and a “Terminal” window.

From the Terminal window you may execute SSH and Cadence just as described in Cadence Tutorial 1.