

## SYNPLIFY PRO

Go to <\\charlie\Dist-Software\PC\Eng\Applications\SynplifyPro>

Double click on fpga8804.exe

Click next

Click next to accept terms

Click next to install synplify pro (not the flexlm license server for floating licenses)

Click next to confirm settings and start the installation

After installation is complete, select "floating (license is on a license server)" and click next

Click next

Click yes to add icon on desktop

Click ok on pop-up window

Click finish

Next you will need to add an environment variable in order for synplify pro to start:

Right click my computer and go to properties

Go to the advanced tab and click on environment variables

At the very bottom of the window, click on new to add a new system variable (not a user variable)

For the variable name type SYNPLICITY\_LICENSE\_FILE

For the variable value type [2225@134.173.38.214](mailto:2225@134.173.38.214)

Click ok 3 times.

## XILINX

Go to <\\charlie\Dist-Software\PC\Eng\Applications\Xilinx\ISE9.2>

Double click setup.exe

Click next

Accept terms and click next 3 times

Enter the following registration ID 1113-9772-2238-2237 and click next

Click next to confirm the directory

Click next without changing any of the modules selected

Click next to accept the updated environment variables

Click install to begin installation

After the installation, Xilinx may require a restart or may prompt you for an entry for the LM\_LICENSE\_FILE environment variable. In the first case, let Xilinx restart the computer. In the second case, the LM\_LICENSE\_FILE environment variable should be set to [2222@theforce.eng.hmc.edu](mailto:2222@theforce.eng.hmc.edu)

If it does not ask you to set the LM\_LICENSE\_FILE variable, you must do so manually. Right click on My Computer and go to Properties.

Go to the advanced tab and click on Environment Variables.

Create a new System Variable called LM\_LICENSE\_FILE with the value [2222@theforce.eng.hmc.edu](mailto:2222@theforce.eng.hmc.edu)

## MODELSIM

Go to <\\charlie\Dist-Software\PC\Eng\Applications\ModelSim>

Double click modelsim-win32-6.2h-se.exe

Select full product

Click next, yes, next, next. (Don't change the installation directory path)

After the installation, answer NO to the question that asks about a HW security key.

Select yes to create a shortcut on the desktop

Select yes to Modelsim adding itself to the system path

Click finish and close the Modelsim license wizard that opens after the installation

Verify that an environment value called LM\_LICENSE\_FILE is already set to

[2222@theforce.eng.hmc.edu](mailto:2222@theforce.eng.hmc.edu) (from the Xilinx installation)

Also create another system variable called MODELSIM with the value

C:\REPLACE\_WITH\_PATH\_TO\_MODELSIM\modelsim.ini

Click ok to save the changes to the environment values and then browse to the modelsim directory and right click on modelsim.ini and then click on properties

Uncheck the 'read only' box and click ok to exit.

Go to start → Run and type 'cmd' and press enter

Type 'compplib -w -s mti\_se -f all' then press enter.

This will compile the Modelsim libraries for use in Xilinx. It will do nothing if Xilinx is not installed.