Installation Guide

ECE270 - Embedded Logic Design

July 26, 2017

1 Register on Backpack

Kindly register for the course on Backpack. Link: Backpack

2 Download

The link to download the file is : Download link from FTP. Or it can be downloaded from Xilinx website also after creating a login.

3 Installation

Follow any of the two links below with some common sense wherever required. The installation should be straight forward.

1. Link1 installation

2. Link2 installation: video

Note: Select the "Vivado System Edition" and select all the devices (specially Artix-7 and Zynq). Although the devices required can be added later also.

4 Licensing

When you run Vivado for the first time, go to "Help −> Manage License". The institute's floating server licenses can be accessed by setting the varaible "XILINXD_LICENSE_FILE=2100@192.168.1.70". Refer the below screen shots.
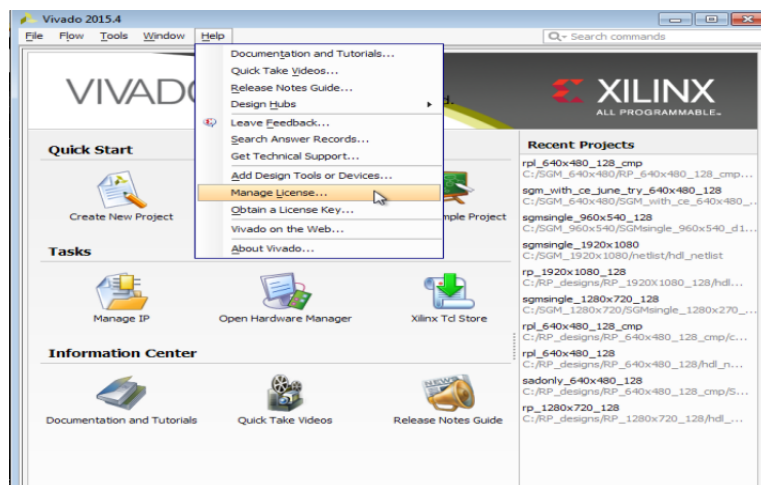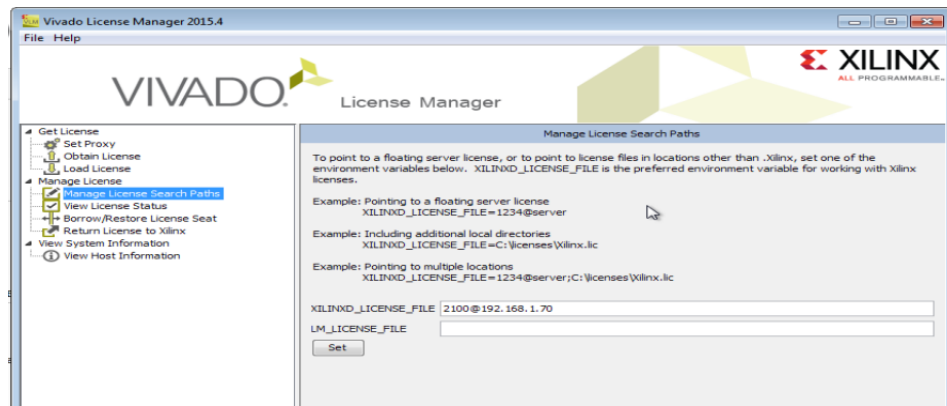

Figure 1:

Figure 2:

5 Good to go.

Congrats you have completed the installation. Try to explore the tool by yourself or maybe follow some very basic online tutorial on how to use Vivado. Following videos will help you getting started (specially the first one, as we will be using Basys3 boards):

1. Video: Digilent: Getting started with Vivado and Basys3; Webpage:Digilent: Getting started with Basys3

2. Introduction to the Vivado Design Suite Interface and Creating a New Project

3. Xilinx: Introduction to the Vivado Integrated Design Suite