

Installation Instruction for Vivado WebPack Edition

ECN-104 - Digital Logic Design

Spring 2019

For this course we'll be using Xilinx's Vivado, Vivado is one of the most popular synthesis and HDL design tool. Xilinx provides Vivado WebPACK edition for free. Follow the instructions given below to create a new Xilinx account and install Vivado WebPACK edition on your computer.

1 Creating a new Xilinx account

1. Go to <https://www.xilinx.com/registration/create-account.html> and create a new account.

2 Downloading the self-extracting installer

1. Go to <https://www.xilinx.com/support/download.html>.
2. Under the section 'Vivado Design Suite - HLx Editions - 2018.3 Full Product Installation', choose the edition depending on your operating system.
3. If you are signed in, you will be forwarded to Xilinx's Name and Address verification page.
4. Enter your details here and click 'Download'.
5. If everything goes well, Vivado installer would start getting downloaded.

3 Installing Vivado WebPACK Edition (on Windows)

1. Start the installer, press *Next*
2. Enter your account details, select *Download and Install Now* and press *Next*
3. Agree to the terms and click *Next*
4. Choose 'Vivado HL WebPACK' and press continue
5. Make sure the checklist on your screen matches Fig. 1 and click *Next*.

6. Choose the installation location and press *Next*

7. Press *Install*

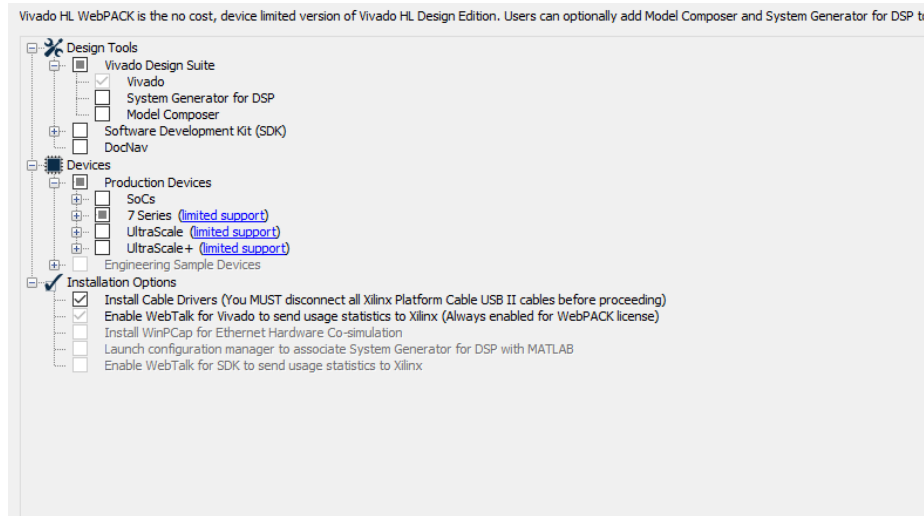


Figure 1: Components to choose for installation of Vivado.

The installer will now download and install all the required components.

Note

Please ensure that Vivado is functioning before your first tutorial on Verilog. If anything goes wrong, create a post on Moodle with relevant details so that we can help you out.

Common Sources of Error

1. Make sure your system date and time are correct. If not, the Vivado installer will fail to sign in onto your account.
2. The configuration used in this course requires ~ 16.3 GiB of disk space, please ensure you have atleast that much space vacant on your installation drive.

Document History

1. Mon Feb 4 12:33:20 IST 2019: Changes are:
 - (a) Added section *Common Sources of Errors*
 - (b) Added section *Note*
 - (c) Add section *Document History*

(d) Updated the tutorial for Vivado 2018.3

2. **Fri Feb 2 22:52:10 IST 2018:** First Edition