## Installing Vivado WEBPACK ECGR 2181 - Fall 2015

## Overview

Installing Vivado WEBPACK is pretty easy, assuming the Xilinx tools don't have any hiccups.

1. Go to <u>http://www.xilinx.com/</u> and in the top right hand corner click sign in. In the left frame, there will be a section with "Why register?" with create account link at the bottom, click that.



- 2. Create a Xilinx account, it's pretty easy.
- 3. Go to <a href="http://www.xilinx.com/support/download.html">http://www.xilinx.com/support/download.html</a> and scroll down until you see "Vivado Design Suite 2015.2 Full Product Installation."



- 4. Click on "Vivado 2015.2: Full Installer For Windows Single File Download Image Including SDK" and login if you need to.
- 5. After confirming your detail and clicking next, you should be DLing the software.
- After it's finished downloading, extract the fileming your detail and clicking next, you should be DLing the software.
   After it's finished downloading, extract the files. You may need to install 7zip to do so.
- Do into the directory and open the xsetup application.
- 8. MAKE SURE YOU HAVE A SUPPORTED OS from the screen then click next.

8	Vivado 2015.2 Installer - Welcome 🛛 🗕 🗖 🗙
	Welcome
	We are glad you've chosen Xilinx as your platform development partner. This program can install the Vivado Design Environment, Software Development Kit and Documentation Navigator.
	Supported operating systems for Vivado 2015.2 are:
	- Windows 7 SP1: 64-bit
	- Red Hat Enterprise Linux 6.5-6.6: 64-bit
	- Red Hat Enterprise Linux 7.0: 64-bit
	- CentOS Linux 7.0: 64-bit
	- Ubuntu Linux 14.04 LTS: 64-bit - Additional library installation required
	Note: 32-bit machine support is now only available through LabTools and HW Server standalone product installers To reduce installation time, we recommend that you disable any anti-virus software before continuing.
E XILINX AL PROGRAMMABLE-	
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9. Read and then agree to the licenses.

ε Vivado 2015.2 Installer - Accept License Agreements	_ 🗆 ×
Accept License Agreements Please read the following terms and conditions and indicate that you agree by checking the Lagree checkboxes.	
Xilinx Inc. End User License Agreement         By checking "I AGREE" below, or OTHERWISE ACCESSING, DOWNLOADING, INSTALLING or USING THE SOFTW         behalf of licensee to be bound by the agreement, which can be viewed by <u>clicking here</u> .         I Agree	VARE, YOU AGREE on
WebTalk Terms And Conditions By checking "I AGREE" below, I also confirm that I have read Section 13 of the terms and conditions above con have been afforded the opportunity to read the WebTalk FAQ posted at <a href="http://www.xilinx.com/webtalk">http://www.xilinx.com/webtalk</a> . I under to disable WebTalk later if certain criteria described in Section 13(c) apply. If they don't apply, I can disable We the Software or using the Software on a machine not connected to the internet. If I fail to satisfy the applicable take the applicable steps to prevent such transmission of information, I agree to allow Xilinx to collect the infor Section 13(a) for the purposes described in Section 13(b). I Agree	ncerning WebTalk and erstand that I am able lebTalk by uninstalling e criteria or if I fail to rmation described in
Third Party Software End User License Agreement By checking "I AGREE" below, or OTHERWISE ACCESSING, DOWNLOADING, INSTALLING or USING THE SOFTW behalf of licensee to be bound by the agreement, which can be viewed by <u>clicking here</u> .	VARE, YOU AGREE on
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10. Select "Vivado WebPACK" and click next.



11. On the next screen you shouldn't need to change anything. It's pretty straight forward.



12. The defaults setting should be good but if you want to change the install directory etc do so here. I've changed it from "Current user" to "All users" but that's personal preference. Click next when finished.

٤ Vivado 2015.2 Installer - Selec	ct Destination Directory 🛛 🗕 🗖 🗙
Select Destination Directory	
Installation Options Select the installation directory C:\Xilinx Installation location(s) C:\Xilinx\Vivado\2015.2 C:\Xilinx\Uivado\2015.2 C:\Xilinx\DocNav Disk Space Required Download Size: NA Disk Space Required: 5.72 GB Disk Space Available: 392.88 GB	Select shortcut and file association options  Create program group entries  Xilinx Design Tools  Create desktop shortcuts  Create file associations  Apply shortcut & file association selections to  Current user  All users
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13. This is the overview of the install, check to make sure everything is correct and then click Install.

3	Vivado 2015.2 Installer - Installation Summary 🦳 🗖 🗙
	Installation Summary
VIVADO.	Edition: Vivado WebPACK
	<ul> <li>7 Series (Artix-7, Kintex-7)</li> <li>Zynq-7000</li> </ul>
	Design Tools <ul> <li>Vivado Design Suite (Vivado)</li> <li>DocNav</li> </ul>
	Installation Options <ul> <li>Enable WebTalk for Vivado to send usage statistics to Xilinx (Always enabled for WebPACK license)</li> <li>Acquire or Manage a License Key</li> <li>Install Cable Drivers</li> </ul>
	Installation location
	• C:\Xilinx\Vivado\2015.2 • C:\Xilinx\DocNav
	Disk Space Required • Download Size: NA • Disk Space Required: 5.72 GB
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14. This might take a while so get a cup of coffee/tea.



- 15. After the install of the tools it'll ask to install cable drivers.
- 16. The main installer should be finished now.

ε Vivado 2	2015.2 Installer - Installation Progress 🛛 🗛 🗖 🗙
Installation Progress	
<ul> <li>It took 7 minutes to install files.</li> <li>Done Final Processing.</li> </ul>	UltraFAST Design Methodology
	Xilinx Software Install
Installation completed To add devices or tool from the Help Menu w	successfully. s to this installation, use the "Add Design Tools or Devices" option ithin Vivado or the Program group entry in the Start Menu.
Copyright @ 1986-2015 Xilinx, Inc. All rights reserved.	Comprehensive Design Methodology Enables Accelerated and Predictable Design Cycles www.xilinx.com/ultrafast
Copyright @ 1988-2015 Allinx, Inc. All rights reserved.	< <u>B</u> ack I <u>n</u> stall <u>C</u> ancel

- 17. The license manager should be displayed after it's finished installing.
- 18. Go to obtain license in the left panel.

19. Select webpack and then "Connect Now" which should open up a web browser.

File Help       Obtain License         • est License       Obtain License         • ottain License       Obtain License         • ottain License       Set Proxy         • Ottain License       Set Ringe Licenses         • Ottain License       Set Ringe Licenses         • Ottain License       Set Ringe Licenses         • Manage Licenses Starth Paths       Set Row 30 Day Trial (We Bitstream)         • New System License Set       Set 30 Day Subaution         • New System Information       Get My Purchased Licenses of the soluenses of the soluenses (s)         • Ourse Information       Get My Purchased License via Web/KK, Sick, Including supported devices and aparts information on Vixado Web/ACK, Including supported devices and aparts information on Vixado Web/ACK, Including supported devices and aparts information on Vixado Web/ACK, Including supported devices and aparts information on Vixado Web/ACK, Including supported devices and aparts information on Vixado Web/ACK, Including supported devices and aparts information on Vixado Web/ACK, Including supported devices and aparts information on Vixado Web/ACK, Including supported devices and aparts information on Vixado Web/ACK, Including Star Novado Neb/ACK including supported devices and aparts information on Vixado Web/ACK, Including Star Novado Neb/ACK including Novado Neb/ACK includin	500 C	Vivado License Manager 2015.2	_ 🗆 🗙
Image: License       Obtain License         Image: License       Select one of the following options         Image: License       Start Now 30 Day Trial (No Bistream)         Image: License       Select one of the following options         Image: License       Start Now 30 Day Evaluation         Image: License       Start Now 30 Day Evaluation         Image: License       Select one of the above selected option         Get a free Vivado WebPACK License and start using your Xilink software. You will be for the to the Xilink vebrie where you can generate a license for Vivado WebPACK.         For more information       Sign in formation         Image: WebTalk:       is always enabled for NebPACK license. If a design is using a device contained in WebPACK and a NebPACK license. If a design is using a device contained in WebPACK and a NebPACK license. If a design is using a device contained in WebPACK and a NebPACK license. If a design is using a device contained in WebPACK and a NebPACK license. If a design is using a device contained in WebPACK and a NebPACK license. If a design is using a device contained in WebPACK and a NebPACK license.         Image: WebTalk:       Image: WebTalk is always enabled for NebPACK license.	File Help VIVADC	License Manager	E XILINX ALL PROGRAMMABLE.
APPLICATIONS       PRODUCTS       DEVELOPER ZONE       SUPPORT       ABOUT         Sign in to the Xilinx Licensing Site         User ID       bwoods288       Get easy access to all your design needs when you register on Xilinx.com:         Password	Get License     Set Proxy     Obtain License     Load License     Manage License     Wiew License Search Paths     View License Status     View License Status     View System Information     View Host Information     View Host Information	Obtain License           Select one of the following options           Start Now! 30 Day Trial (No Bitstream)                Get Free Licenses - Vivado WebPACK, SDK, free IP and more           Start 30 Day Evaluation           Get My Purchased License(s)           Connect Now           Save Link As           Description of the above selected option           Get a free Vivado WebPACK license and start using you taken to the Xilinx website where you can generate a For more information on Vivado WebPACK, including su applications, please visit www.xilinx.com.           Note: WebTalk is always enabled for WebPACK users. We preference when a bitstream is generated using the Westing a device contained in WebPACK and a WebPACK Li license will always be used. To change this, please	ur Xilinx software. You will be license for Vivado WebPACK. pported devices and lebTalk ignores user and install lebPACK license. If a design is cense is available, the WebPACK see Answer Record 34746.
User ID     bwoods288     Get easy access to all your design needs when you register on Xilinx.com:       Password	APPLICATIO Sign in to the Xilina	NS PRODUCTS DEVELOPER ZONE SUP	PORT ABOUT
Note: Xilinx employees should Sign In using their Xilinx ID and password. Create Account	User ID bwoods2 Password Forgot you Note: Xilinx employees should Sign In usin	988 password? Sign In g their Xilinx ID and password.	Why register? Get easy access to all your design needs when you register on Xilinx.com. • Sign up for product alerts and news • Join Xilinx support forums • Download software and tools • Order products and tools • Get technical help • Gain access to special content • Register for training and events

20. Confirm your details.

21. In the activate node locked section, select Vivado WEBPACK and then click the "Activate Node-Locked License."

Certificate Based Li	censes						
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P Vivado HLS Evaluation D	cense	Certificate - Evaluation	Node	1/1	Current	30 days	
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22. There should be a pop up, put any comments you want and then click next.

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23. Confirm it's right and then click next.

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- 24. Go and check that you have the license in "View License" tab. If you do, there's nothing else you need to do.
- 25. Otherwise check your email and you should have gotten an email from Xilinx with an xml file. Go to "Load License" and click "Activate License..." and give it the xml file.

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