

ENGR857 HW2 Cont'd

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Fall 2006

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Software Needed

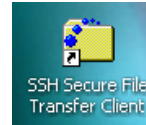
- SSH (Secure Shell)
- hw.tar.gz
- VPR

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SSH

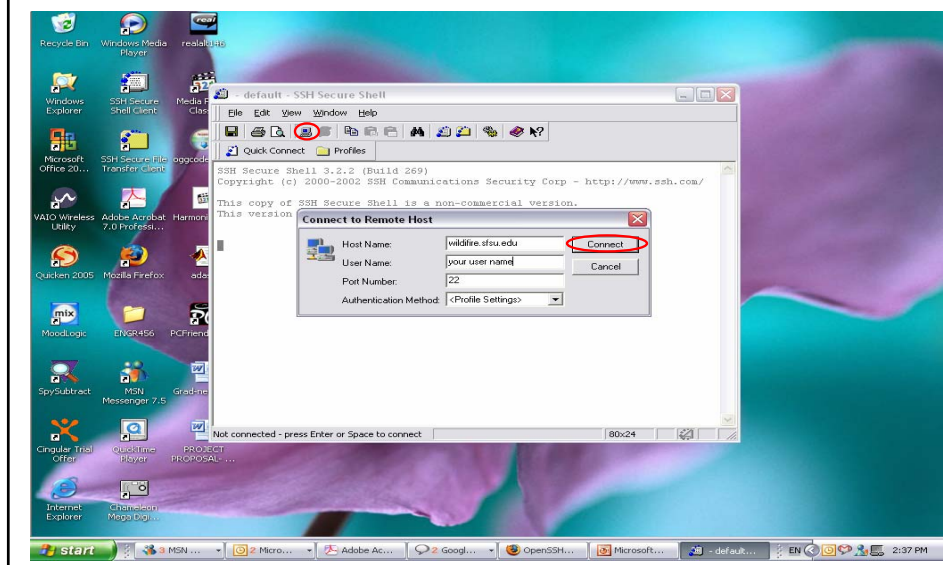
- Download it from <http://www.ssh.com/support/downloads/secureshellwks/non-commercial.html>
- Install it on your laptop
 - SSH Secure Shell Client
 - SSH Secure File Transfer Client



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Use SSH to link to Server *wildfire.sfsu.edu*



hw.tar.gz

- In your account use the following command to copy the hw.tar.gz file into your account
 - `cp /home/yingchen/public/ENGR857/HW2/TAR_file/hw.tar.gz .`
- Unzip and untar the package use the following command:
 - `gunzip hw.tar.gz`
 - `tar -xvf hw.tar`
- You will find the following in your account
 - hw_software: blif, net, splot, tests, trans_count
 - **Makefile (used for VPR)**

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VPR

- VPR is used pack LUTs and FFs together into larger logic blocks.
- Download VPR from the following website:
 - <http://www.eecg.toronto.edu/%7Evaughn/vpr/vpr.html>
- Transfer the downloaded file from your laptop onto your account on the server using SSH

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VPR

- Untar the VPR using the following command:
 - tar –xvf vpr_430.tar
- You will see the following:
 - Files: **manual_430.pdf**, manual_430.ps, README_430.txt
 - Directories: t-vpack, **vpr**
- **Copy over the *makefile* in hw.tar.gz into the *vpr* directory**
- **Use command ‘make’ to generate the executable of vpr**

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Linux

- Wildfire is a Gnu/Linux server
- Links to Linux commands tutorials on the course website

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