

# CIS 4004: Web-Based Information Technology Spring 2011

FTP On [eustis.eecs.ucf.edu](http://eustis.eecs.ucf.edu)

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# Some Preliminaries

- There are a few things that you will need to do in order to use your `eustis` account to publish a Web page.
- You are not required to use your `eustis` account for this assignment nor the upcoming project, but you certainly have it available. If you want to use another server to host your Web page that is fine also.
- I expect that most of you will create your XHTML documents and CSS files on your own machines and when you get them the way you want them, you will then upload them to `eustis`. You can also do all of your development on `eustis` if you wish. Text editors `vi` and `pico` are available on `eustis`.
- I'll write these notes with the expectation that you will be developing your XHTML documents and CSS files on your own machine and uploading them to `eustis` at some later time.



Windows SSH Secure Shell | ITS - Windows Internet Explorer

Google

File Edit View Favorites Tools Help

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Windows SSH Secure Shell | ITS

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Help Docs

## Windows SSH Secure Shell Initial Connection and Transferring Files.

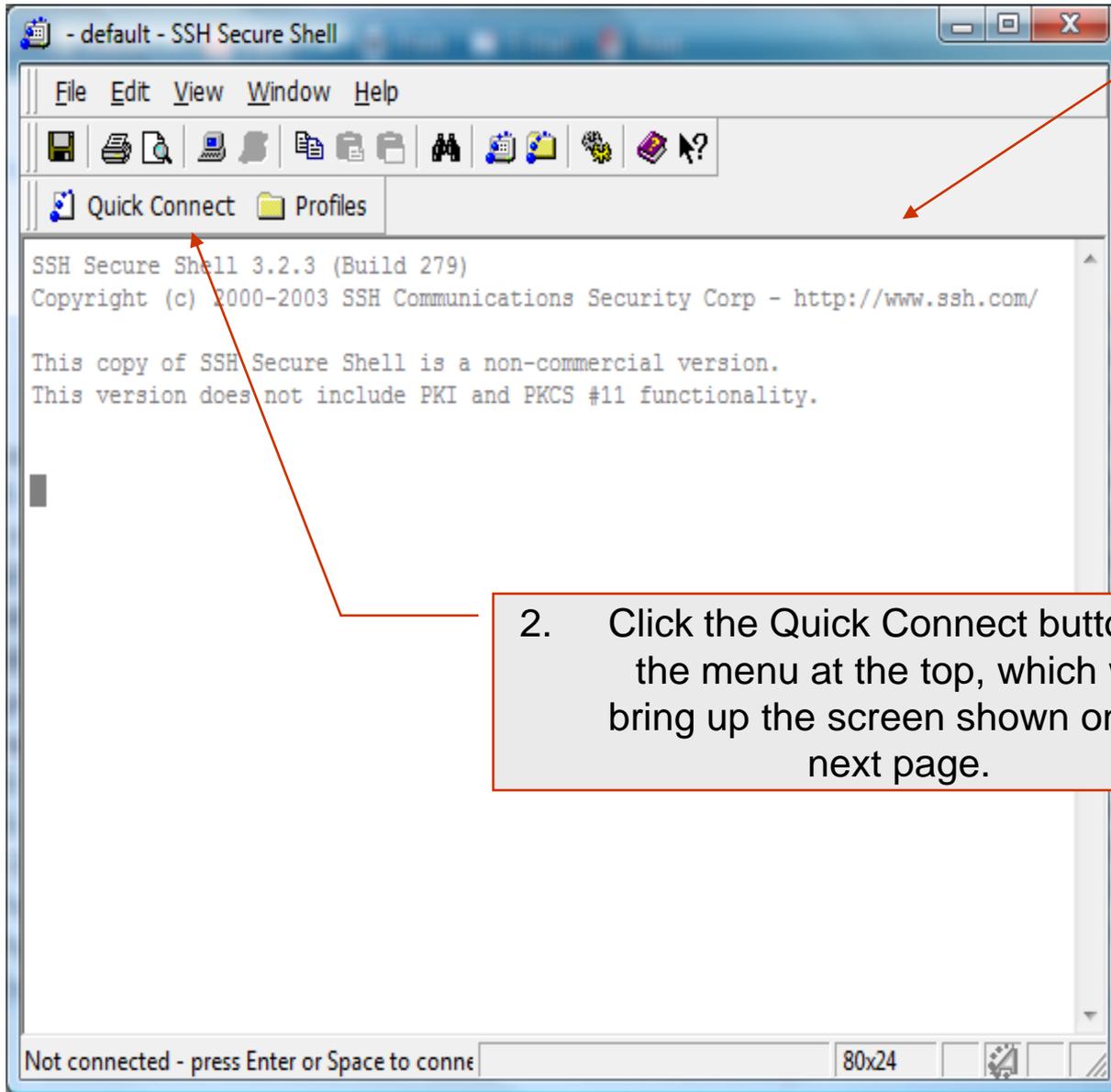
To use these instructions it is necessary to download and install SSH Secure Shell for Windows. If you haven't downloaded this application, do so now:

**SSH Download**  
[SSH Communications Window Client \(Version 3.2.9, which includes support for pass-thru printing\)](#)

1. Once you have installed SSH Secure Shell for Windows, click on the **SSH Secure Shell Client** icon on your

Internet | Protected Mode: Off 100%

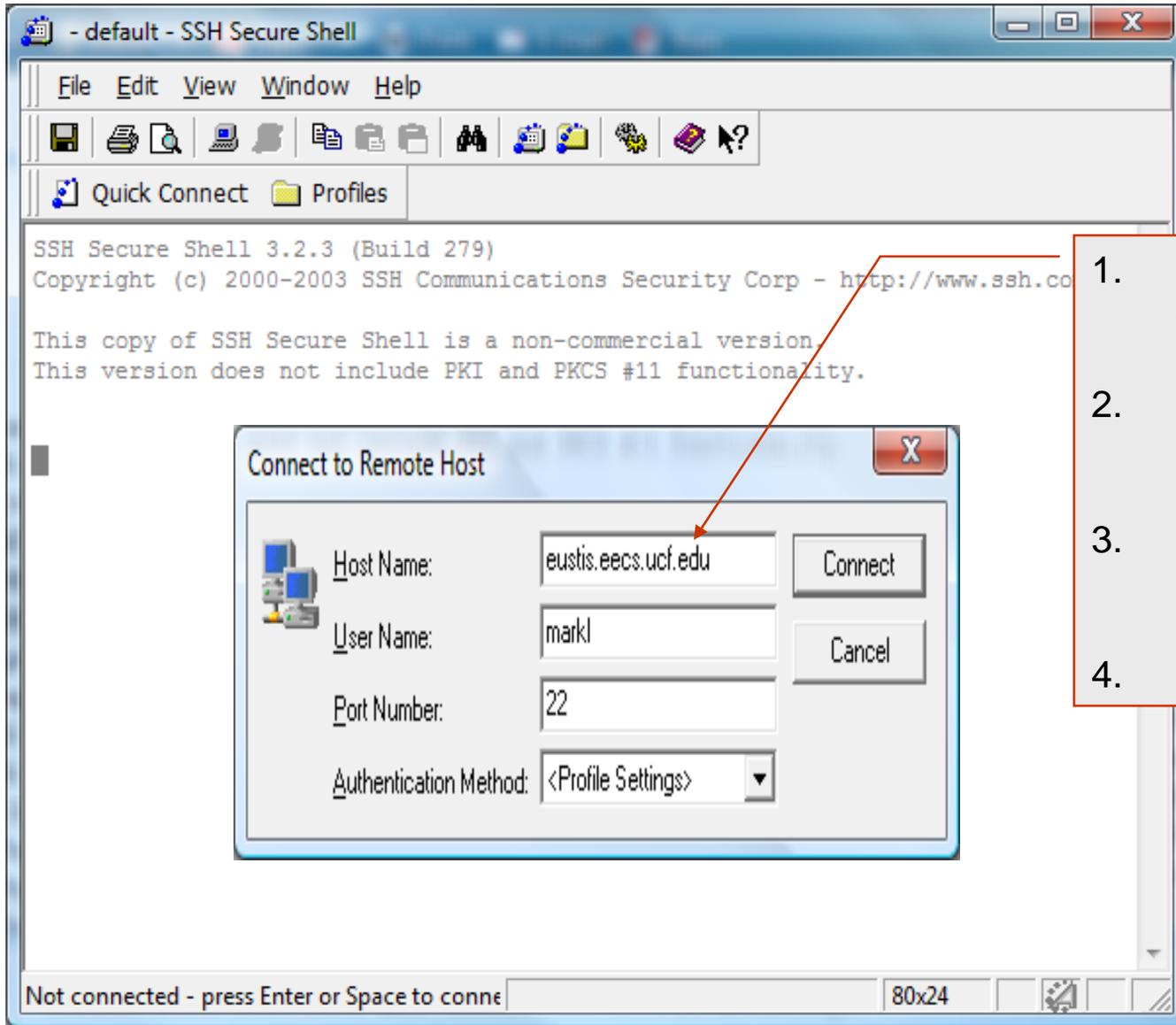




1. Once you install the SSH software, double click the icon labeled "Secure Shell Client: on your desktop. You should then see this screen.

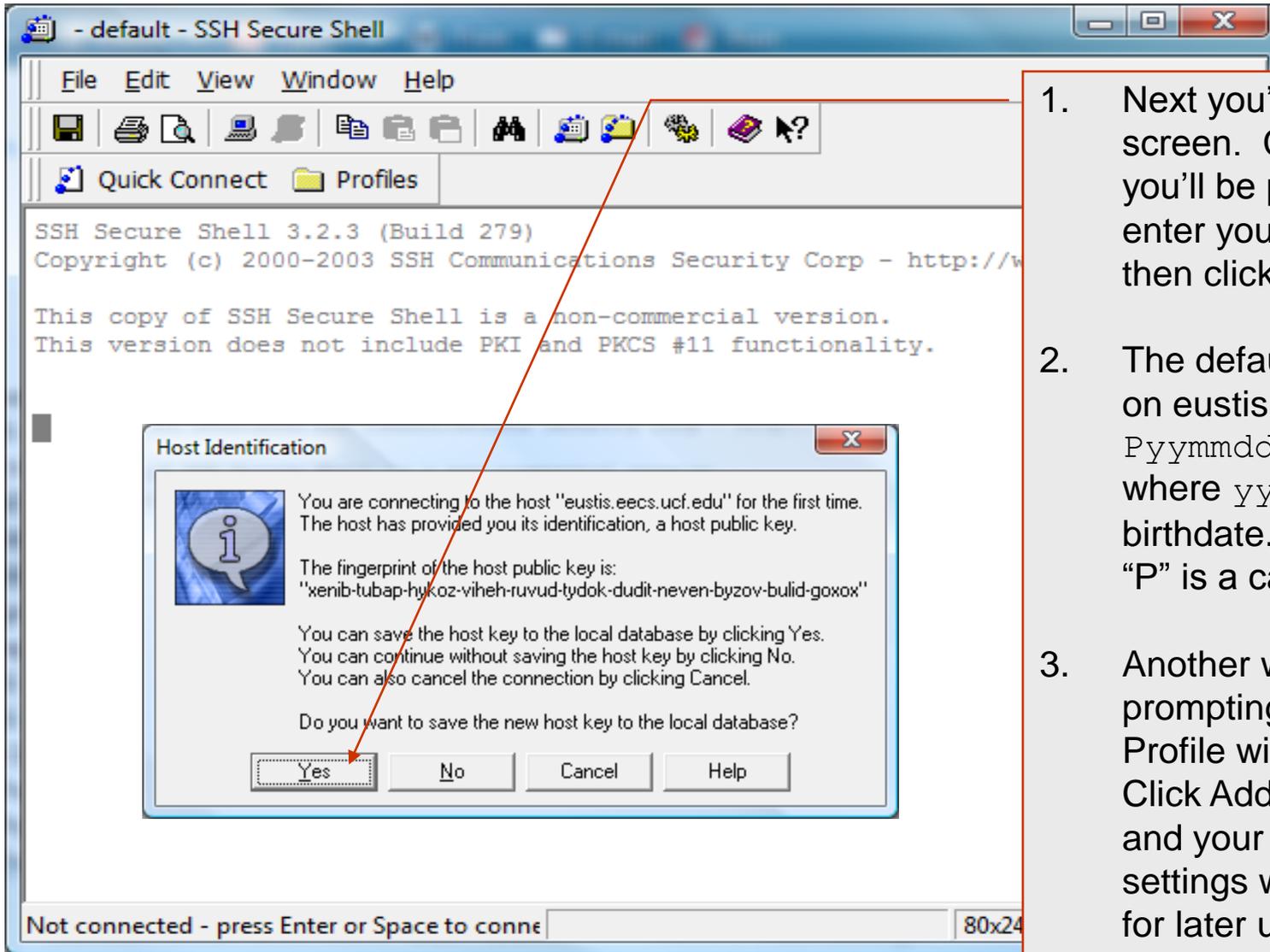
2. Click the Quick Connect button in the menu at the top, which will bring up the screen shown on the next page.





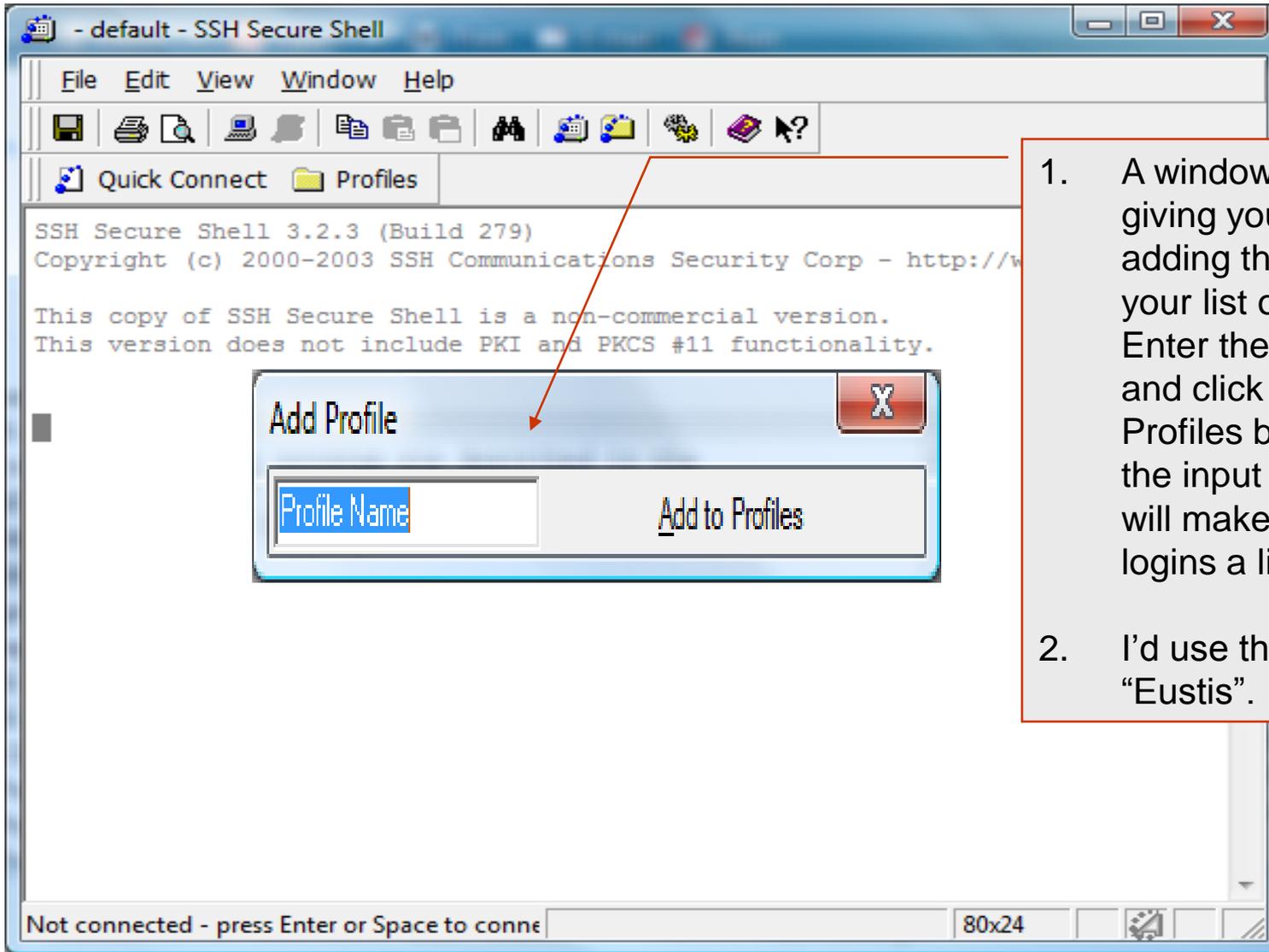
1. Enter Host Name: [eustis.eecs.ucf.edu](http://eustis.eecs.ucf.edu)
2. Enter User Name: [your NID](#)
3. Port Number should already be set to [22](#).
4. Click on Connect





1. Next you'll see this screen. Click "Yes: and you'll be prompted to enter your password, then click OK.
2. The default password on eustis is:  
Pymmdd  
where `yymmdd` is your birthdate. Note that the "P" is a capital letter.
3. Another window prompting you to Add Profile will appear. Click Add to Profiles and your connection settings will be saved for later use.





1. A window will pop-up giving you the option of adding this server to your list of profiles. Enter the name eustis and click the Add to Profiles button next to the input window and it will make subsequent logins a little bit simpler.
2. I'd use the profile name "Eustis".



```
eustis.eecs.ucf.edu - eustis - SSH Secure Shell
File Edit View Window Help
SSH Secure Shell 3.2.3 (Build 279)
Copyright (c) 2000-2003 SSH Communications Security Corp - http://www.ssh.com/

This copy of SSH Secure Shell is a non-commercial version.
This version does not include PKI and PKCS #11 functionality.

Linux eustis 2.6.24-19-server #1 SMP Wed Aug 20 23:54:28 UTC 2008 i686

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
Last login: Wed Mar 17 11:50:42 2010 from 10.173.203.112
markl@eustis:~$
```

Connected to eustis.eecs.ucf.edu SSH2 - aes128-cbc - hmac-md5 - nc 80x24

This is the eustis prompt.

You are now remotely connected to the eustis server via your computer.



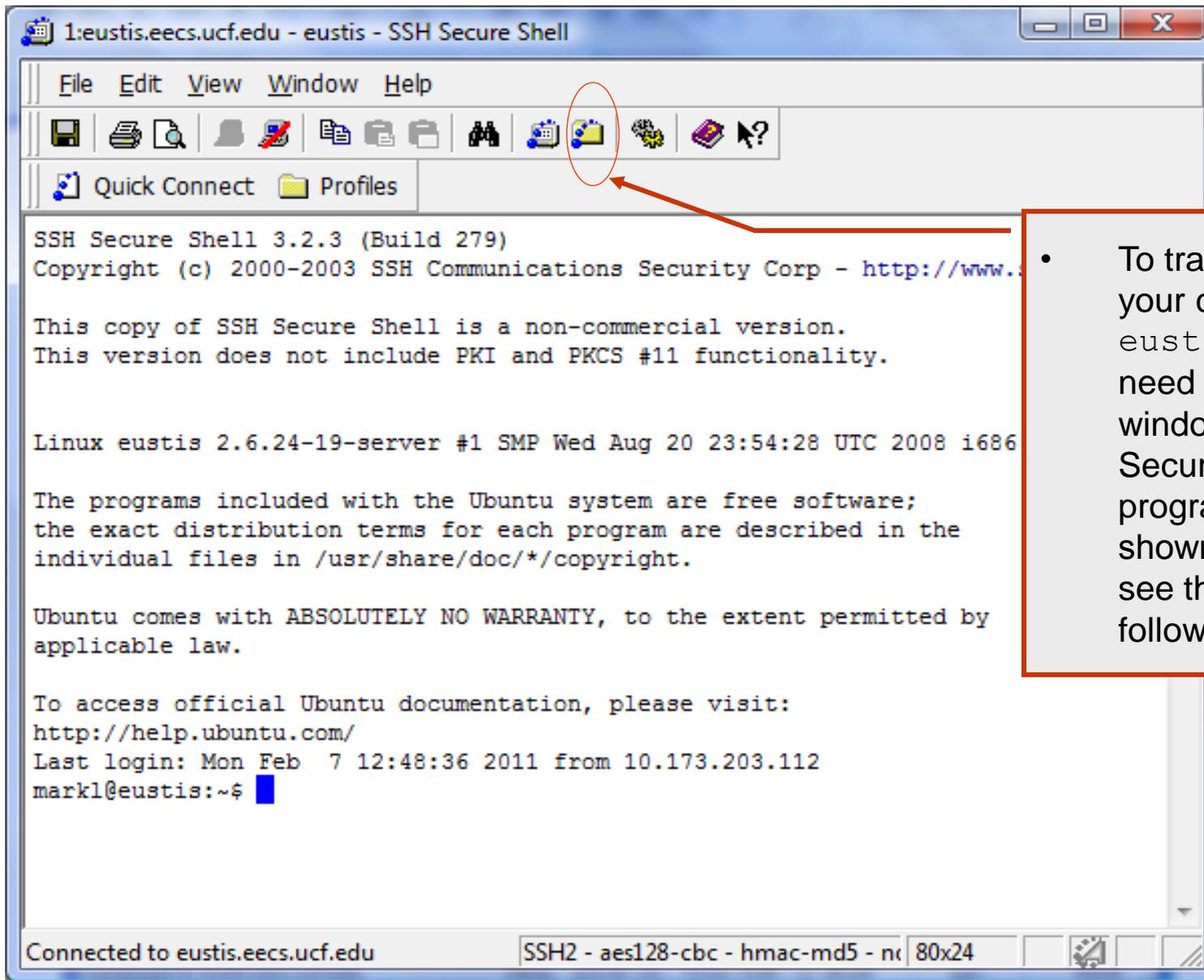
```
eustis.eecs.ucf.edu - eustis - SSH Secure Shell
File Edit View Window Help
Quick Connect Profiles
This copy of SSH Secure Shell is a non-commercial version.
This version does not include PKI and PKCS #11 functionality.
Linux eustis 2.6.24-19-server #1 SMP Wed Aug 20 23:54:28 UTC 2008 i686
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
Last login: Wed Mar 17 11:50:42 2010 from 10.173.203.112
markl@eustis:~$ homepagesetup
I will now check your account for proper setup and create any files
that you are missing. This will set you up with a simple home page.
Going to your home directory...
public_html exists...
going into public_html...
There is already a home.html file, leaving it alone.
There is already a .htaccess file, leaving it alone.
making the base files public readable...
returning to home directory
markl@eustis:~$ █
Connected to eustis.eecs.ucf.edu SSH2 - aes128-cbc - hmac-md5 - nr 91x29 NUM
```

At the `eustis` prompt you need to enter the command `homepagesetup`.

**NOTE:** You will only run the `homepagesetup` command this one time to setup your `public_html` directory on the server. If you run this command again later, after you've put files onto the server, they will be lost. **THIS IS A ONE TIME COMMAND!**

The output from this command may vary depending on the current status of your home directory on eustis.





- To transfer files from your computer onto the eustis server, you need to open a new window called the Secure File Transfer program. Click the icon shown here and you'll see the screen on the following page appear.



# The SSH Secure File Transfer Window

The screenshot shows the SSH Secure File Transfer window with the following components:

- Local Name Table:**

Local Name	Size	Type	Modified
Assignments		File Folder	03/15/2011 11:35:0
Class Photos		File Folder	01/18/2011 11:34:4
code		File Folder	02/15/2011 11:22:0
Exams		File Folder	02/17/2011 02:19:3
Advanced XHTML & CSS ...	1,245,258	Adobe A...	01/25/2011 03:16:3
Advanced XHTML & CSS ...	1,783,808	Microsof...	01/25/2011 03:15:5
Advanced XHTML & CSS ...	3,675,187	Adobe A...	01/20/2011 02:20:2
Advanced XHTML & CSS ...	3,944,448	Microsof...	01/20/2011 02:19:0
Basic Page Layouts - Part ...	2,302,679	Adobe A...	02/08/2011 02:33:2
Basic Page Layouts - Part ...	2,350,592	Microsof...	02/08/2011 02:33:2
- Remote Name Table:**

Remote Name	Size	Type	Modified
public_html		Folder	03/18/2010 02:34:4
- Transfer Queue Table:**

Source File	Source Directory	Destination Directory	Size	Status	Speed	Time
-------------	------------------	-----------------------	------	--------	-------	------

Annotations:

- Enter local folder name here (points to the local path field)
- This is your home folder on eustis. All of your XHTML, CSS, and image documents will need to be placed into the public\_html folder. Double click the folder to move into it as shown on the next page. (points to the public\_html folder in the remote view)
- The left window is the "local" window (i.e., your computer), the right window is the "remote" computer (i.e., the eustis server). (points to both the local and remote views)



2:eustis.eecs.ucf.edu - eustis - SSH Secure File Transfer

File Edit View Operation Window Help

Quick Connect Profiles

C:\Courses\CGS 2585 - Desktop Pl... Add /home/markl/public\_html Add

Local Name	Size	Type	Modified	Remote Name	Size	Type	Modified
Assignments		File Folder	03/18/2010 09:17:0..	index.html	1,538	HTML D...	09/28/2009 04:02:2...
example code		File Folder	03/02/2010 04:17:5..				
exams and reviews		File Folder	02/03/2010 04:49:4..				
Student Pictures		File Folder	02/04/2010 04:49:1..				
300px-Web_browser_usag...	17,350	Opera Im...	01/12/2010 04:15:0..				
500px-Web_browser_usag...	32,772	Opera Im...	01/12/2010 04:17:4..				
Basic Page Layouts - Part ...	2,293,993	Adobe A...	03/15/2010 11:46:3..				
Basic Page Layouts - Part ...	2,265,600	Microsof...	03/15/2010 11:46:2..				
Basic Page Layouts - Part ...	1,690,367	Adobe A...	03/16/2010 03:53:1..				
Basic Page Layouts - Part ...	1,777,152	Microsof...	03/16/2010 03:53:0..				
Basic Page Layouts - Part ...	1,028,096	Microsof...	10/27/2009 04:11:0..				
Basic Page Layouts - Part ...	1,061,376	Microsof...	10/29/2009 01:34:5..				
Basic Page Layouts - Part ...	523,776	Microsof...	10/29/2009 01:32:0..				
calendar.doc	67,072	Microsof...	03/17/2010 12:02:4..				
calendar.pdf	123,110	Adobe A...	03/17/2010 12:02:5..				
Cascading Style Sheets - P...	4,088,421	Adobe A...	02/22/2010 12:44:3..				

Transfer Queue

Source File	Source Directory	Destination Directory

Connected to eustis.eecs.ucf.edu - /home/markl/public\_html

SSH2 - aes128-cbc - hmac-md5 - n 1 items (1.5 KB)

This is probably the only file currently in your public\_html directory (folder). It's a basic home page for your web site with the name index.html.

If you want to see it rendered enter the url: <http://eustis.eecs.ucf.edu/~yournid/index.html>, it will look like the next page. We'll change that later.



File Edit View Bookmarks Widgets Tools Help

Log in to Webcours... x file://localhost/C:/... x Two-Column Liqui... x CGS 2585 - Assign... x This is the title, eve... x

http://eustis.eecs.ucf.edu/~markl/index.html Google

# This is a header, there are 6 different grades of header

This is just text. You will notice that there is a difference between how the header looks and how the text looks. It is more pronounced in a graphical browser, but text browsers (such as Lynx) make due with highlighting, centering, etc. H1 is the most blatant, H2 slightly less so, and all the way down to H6.

This is a new paragraph. One important thing to remember is that the Browser doesn't care how your file is formatted. The browser will only pay attention to the formatting commands within the HTML file. The two used most often are the paragraph break <P> and the line break<br>. HTML directives are preceded by a less-than sign and closed with a greater-than sign, which means that you will have to resort to &lt; for a less-than sign, &gt; for a greater than sign, and &amp; for an ampersand. Luckily, they chose those characters because they aren't used that often, and are still on every keyboard. That was just a line break, so you could see the difference between it and a paragraph break. Now, we will get into links. [Here](#) is a link to the EECS home page. The A stands for anchor, the href field gets set to the URL of where you want the link to go. The text between the anchor directive and the close-anchor will be the actual link visible on the page.



## The SSH Secure File Transfer Window

Locate the file(s) on your computer that you want to transfer to `eustis`. Highlight the file(s).

Simply highlight and drag the file(s) from the “local window” (your computer) over to the “remote window” (`eustis`) into your `public_html` folder.

Local Name	Size	Type	Modified	Remote Name	Size	Type	Modified
intro.html	821	HTML D...	03/18/2008 12:00:0	About Me.html	929	HTML D...	01/29/2010 12:53:5.
mistyday.jpg	67,778	Opera Im...	10/29/2009 02:53:2				
petacchi.jpg	163,001	Opera Im...	11/02/2009 03:58:5				
splash_page.html	1,214	HTML D...	03/15/2011 02:17:5				
theb1365.jpg	186,168	Opera Im...	03/15/2011 02:21:3				
three column fixed width l...	3,368	HTML D...	11/24/2009 02:24:1				
uc.png	25,613	Opera Im...	10/15/2007 04:02:0				
underconstruction.html	941	HTML D...	03/15/2011 02:35:1				
using a javascript library.h...	396	HTML D...	04/10/2008 12:04:3				
volcanic-ash-column.jpg	74,830	Opera Im...	03/15/2011 02:24:1				

Transfer | Queue |

Source File	Source Directory	Destination Directory
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Connected to `eustis.eecs.ucf.edu` - `/home/markl/public_html` | SSH2 - aes128-cbc - hmac-md5 - n | 1 items (929 B)



## The SSH Secure File Transfer Window

Locate the file(s) on your computer that you want to transfer to `eustis`. Highlight the file(s). Use the CTRL key to select more than one file separated by other files. Use the Shift key to highlight several contiguous files.

The screenshot shows the SSH Secure File Transfer Window with two panes: 'Local Name' and 'Remote Name'. The 'Local Name' pane lists files on the user's computer, including `intro.html`, `mistyday.jpg`, `petacchi.jpg`, `splash_page.html`, `theb1365.jpg`, `three column fixed width l...`, `uc.png`, `underconstruction.html`, `using a javascript library.h...`, and `volcanic-ash-column.jpg`. The 'Remote Name' pane lists files on the `eustis` server, including `About Me.html`, `splash_page.html`, `uc.png`, and `underconstruction.html`. A transfer queue at the bottom shows the progress of transferring `splash_page.html`, `uc.png`, and `underconstruction.html` to the remote server.

Local Name	Size	Type	Modified
intro.html	821	HTML D...	03/18/2008 12:00:0
mistyday.jpg	67,778	Opera Im...	10/29/2009 02:53:2
petacchi.jpg	163,001	Opera Im...	11/02/2009 03:58:5
splash_page.html	1,214	HTML D...	03/15/2011 02:17:5
theb1365.jpg	186,168	Opera Im...	03/15/2011 02:21:3
three column fixed width l...	3,368	HTML D...	11/24/2009 02:24:1
uc.png	25,613	Opera Im...	10/15/2007 04:02:0
underconstruction.html	941	HTML D...	03/15/2011 02:35:1
using a javascript library.h...	396	HTML D...	04/10/2008 12:04:3
volcanic-ash-column.jpg	74,830	Opera Im...	03/15/2011 02:24:1

Remote Name	Size	Type	Modified
About Me.html	929	HTML D...	01/29/2010 12:53:5.
splash_page.html	1,214	HTML D...	03/15/2011 02:17:5.
uc.png	25,613	Opera Im...	10/15/2007 04:02:0.
underconstruction.html	913	HTML D...	03/15/2011 02:35:1.

Transfer	Queue
↑ splash_page.html	C:\Courses\CIS 4004 - Web... /home/markl/public_html 1,214
↑ uc.png	C:\Courses\CIS 4004 - Web... /home/markl/public_html 25,613 Complete 1707.5 kB/s 00:00:00
↑ underconstruction....	C:\Courses\CIS 4004 - Web... /home/markl/public_html 941 Complete 57.1 kB/s 00:00:00

Connected to `eustis.eecs.ucf.edu` - `/home/markl/public_html` SSH2 - aes128-cbc - hmac-md5 - nc 4 items (28.7 KB)

Simply drag the file(s) from the "local window" (your computer) over to the "remote window" (`eustis`). (Just hold the mouse key down for the drag.) Voila! Your files are now on the `eustis` server.



# The SSH Secure File Transfer Window

The screenshot shows the SSH Secure File Transfer window with the following components:

- Local Name Table:**

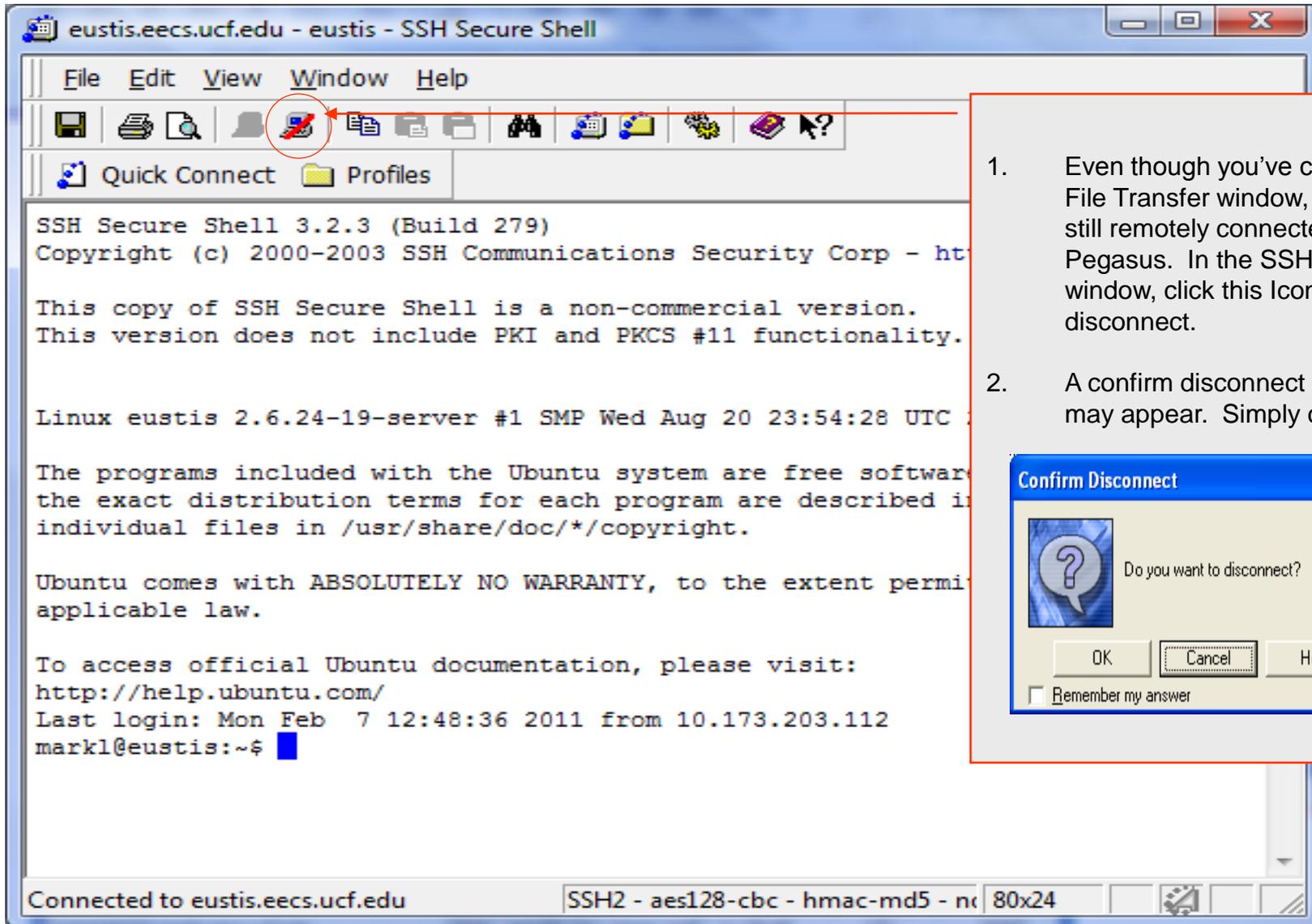
Local Name	Size	Type	Modified
intro.html	821	HTML D...	03/18/2008 12:00:0
mistyday.jpg	67,778	Opera Im...	10/29/2009 02:53:2
petacchi.jpg	163,001	Opera Im...	11/02/2009 03:58:5
splash_page.html	1,214	HTML D...	03/15/2011 02:17:5
theb1365.jpg	186,168	Opera Im...	03/15/2011 02:21:3
three column fixed width l...	3,368	HTML D...	11/24/2009 02:24:1
uc.png	25,613	Opera Im...	10/15/2007 04:02:0
underconstruction.html	941	HTML D...	03/15/2011 02:35:1
using a javascript library.h...	396	HTML D...	04/10/2008 12:04:3
volcanic-ash-column.jpg	74,830	Opera Im...	03/15/2011 02:24:1
- Remote Name Table:**

Remote Name	Size	Type	Modified
About Me.html	929	HTML D...	01/29/2010 12:53:5.
splash_page.html	1,214	HTML D...	03/15/2011 02:17:5.
uc.png	25,613	Opera Im...	10/15/2007 04:02:0.
underconstruction.html	913	HTML D...	03/15/2011 02:35:1.
- Transfer Queue Table:**

Source File	Source Directory	Destination Directory	Size	Status	Speed	Time
splash_page.html	C:\Courses\CIS 4004 - Web...	/home/markl/public_html	1,214	Complete	25.8 kB/s	00:00:00
uc.png	C:\Courses\CIS 4004 - Web...	/home/markl/public_html	25,613	Complete	1707.5 kB/s	00:00:00
underconstruction....	C:\Courses\CIS 4004 - Web...	/home/markl/public_html	941	Complete	57.1 kB/s	00:00:00
- Callout:** A box with the text "Simply close this window when you are done transferring files." has an arrow pointing to the close button (X) in the window's title bar.



## Shutting Down the SSH Client



1. Even though you've closed the File Transfer window, you are still remotely connected to Pegasus. In the SSH Client window, click this icon to disconnect.
2. A confirm disconnect window may appear. Simply click OK.



Pro Cycling 2011 - Splash Page - Windows Internet Explorer

http://eustis.eecs.ucf.edu/~markl/splash\_page.html

File Edit View Favorites Tools Help

Google

Favorites Suggested Sites Free Hot

Zimbra Web Client Log In Pro Cycling

Viewing Your Assignment On The eustis Server – Open your browser and for the URL enter the following:  
`http://eustis.eecs.ucf.edu/~yourUserName/nameOfYourFile.html`

# Professional Cycling 2011



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