CIS 4004: Web-Based Information Technology
Spring 2011

FTP On 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.
1. Go to the URL: http://www.colorado.edu/its/docs/authenticate/printouts/win_ssh.html
   You should see this page when you get there.

2. Click on this link.
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
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:
   Pyymmdd
   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”.

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This is the eustis prompt.

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

Enter local folder name here

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.

The left window is the “local” window (i.e., your computer), the right window is the “remote” computer (i.e., the eustis server).
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.
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.
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.

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

Simply close this window when you are done transferring files.
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.
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