



Using Secure Shell network protocol and File Transfer Protocol to store files and web pages on the iSchool and UT servers

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Secure shell is a network protocol and it also happens that the PC program we've chosen to login in to the server is called "Secure Shell." But the word secure shell is more than just a single program. For instance when logging into the server on a Mac you use Terminal but the protocol for logging in is still secure shell.

FTP stands for File Transfer Protocol this is just another network protocol. As it happens the program called Secure Shell offers FTP-like features. To transfer files on a Mac you can use a lot of different tools but we are suggesting you use Fetch or Fugu. Both programs can be freely downloaded. Fetch can be downloaded from Bevoware as can the program Secure Shell.

Remember the two protocols above are like two windows to the same room which is the server (i.e. a computer) you are logging into remotely.

Using the iSchool Web Server

You have 150 megabytes of space on the iSchool web server to which you may upload files via SSH or FTP using the host **login.ischool.utexas.edu**

Logging into the iSchool Server Using a PC

PC users need to download the SSH Secure Shell Client from Bevoware. It is free to UT students.

<http://www.utexas.edu/its/bevoware/>

*you might already have it when you set up your password for your iSchool account.

To log into the iSchool Server using the terminal side (i.e. the command line side) click the Quick Connect button. The host

name is: **login.ischool.utexas.edu** then enter your iSchool user name and leave the port setting at 22 then enter your password. Viola!

Creating a Web viewable Folder on a PC

For now, we are going to leave the Terminal view of the Secure Shell program alone. Open the FTP view of Secure Shell (the one with a picture of a file folder). We are going to make a directory. "Directory" is another name for "Folder" so now use the Create new folder button. Name the directory **public_html** any file you place in this directory will be available on the web at the address below:

<http://www.ischool.utexas.edu/~youruserid>

Though, you'll need to add the filename and extension. To add files, open the desired directory and drag files over. Remember you will only be able to view files in the browser if they are in the **public_html** directory. Don't use spaces when naming files for the web instead use the underscore key.

Logging into the iSchool Server Using a Mac

Mac users have the program already and can access it via **Terminal** in the **Utilities** folder. You don't need to download anything. Terminal is a Mac facsimile of the Secure Shell Terminal view. If you wanted to connect you'd type into the command line:

```
ssh -l youruserid@login.ischool.utexas.edu
```

Creating a Web viewable Folder on a Mac

For now open the FTP Program Fetch and use the Create new folder button. Name the Folder **public_html**. Now any file you place in this directory will be available on the web at

<http://www.ischool.utexas.edu/~youruserid>

Though you'll need to add the filename and extension.



Using Webspaces

Neither PC nor Mac users need to download anything for this task. You have 150 megabytes of space on the UT Webspaces server which may be used for web sites or file backup. Your Webspaces is accessible using your **UT EID** and password. Connect to Webspaces using the web-based interface at

<https://webspaces.utexas.edu>

To host web pages using your Webspaces. When you login create a **www** directory it works the same as the public_html directory. You can drag and drop files and view them in a browser at <http://webspaces.utexas.edu/~uteid/www/> though again you'll need to add the filename and extension.