

Step by step instructions for beginners for creating a basic Web Page at NJIT

All NJIT students, faculty and staff can create personal website and store on Highlander AFS, NJIT's implementation of Andrew File System. **Web.njit.edu** is the web server for AFS. After you create your webpage it will have a URL in the form: <http://web.njit.edu/~yourUCID>.

Step 1: Accounts needed:

1. You must have already created University Computing ID (**UCID**).

For more information about UCID go to: <http://ist.njit.edu/accounts/ucid.php>.

2. You must have Highlander **AFS** account. (AFS accounts are normally created with your UCID.)

For more information about AFS go to: <http://ist.njit.edu/accounts/afs.php>.

For additional information about accounts, please click <http://ist.njit.edu/accounts/>.

Step 2: Validate your AFS webspace.

If you created your UCID after Feb 07, your AFS account is already set up to host a web site.

To check if your web site has been set up, go to **<http://web.njit.edu/~yourUCID>** (replace "yourUCID" with your UCID). If you had previously created a web site, you will be able to see it. If your account has been configured to host a web site but you have not already created one, please read the information at <http://ist.njit.edu/webhosting/indexes.php>.

If you need to configure your AFS account to host a web site, please follow the instructions at <http://ist.njit.edu/webhosting/homepagesetup.php>.

For an animated tutorial on setting up your home page, [click here](#).

Step 3: Obtain the required software:

On-Campus:

1. Install File Transfer Protocol program (FTP) - for moving your pages from your PC to a web server. We suggest either:

- a. **Secure Shell (SSH)** – Allows command line and sFTP connection to your personal AFS space.
To connect

- Log into your AFS account using your [SSH Secure File Transfer client](#).
- Host Name: afconnect[1-2].njit.edu.
- UserName: your [UCID](#).
- Password: your [AFS password](#).

b. **OpenAFS** – [OpenAFS](#) creates a directory in "My Computer" that gives you direct access to your AFS Drive. In computing labs on campus, this drive is commonly referred to as your "H-drive". Your "H-drive" drive will contain the folder "**public_html**". In this folder, locate the **index.html** file. This file represents your homepage. You may edit this page with any webpage editor, providing you DO NOT change the filename.

2. Install web editor. We suggest Microsoft Expression Web or Expression Studio. Available to download from <http://ist.njit.edu/software/download.php>.

3. Once you have logged into your AFS account or configured access to your "H-drive", double click the folder "**public_html**"

- After opening the folder, locate the **index.html** file. This file represents your homepage. You may edit this page with any webpage editor, providing you DO NOT change the filename. (Available to download from <http://ist.njit.edu/software/>).

Off-Campus:

1. Install and run **Virtual Private Networking (VPN)** - allows you to connect to the NJIT network from off-campus. VPN creates a "virtual" network connection to NJIT. Available to download from <http://ist.njit.edu/vpn/download.php>.

2. Follow the instructions listed for "**On-campus**".

Step 4: Prepare your PC and web editor.

We recommend you use Microsoft Expression Web as your web editor. This software can be downloaded from: <http://ist.njit.edu/software/download/> (use vpn when off campus.)

1. Start Microsoft Expression Web (or the web editing software you have chosen) and create a new page. Your first page should have name **index.html**.

2. Expression Web users need to do the following:

- Click on "**File**" - "**New**". Choose "**Page...**".
- Select "**HTML**" and click "**OK**."
- Click right mouse button and choose "**Page Properties...**". Type the title for your page (for example, *Doctor Watson's Homepage*).

Step 5: Edit your page.

1. Make the necessary changes to your homepage. When you edit a hyperlink be sure it is set up with the proper url.

- For pages in your local directory: enter the file name (including directory if necessary). For example, if you store your file named "vita" (we'll call the file vita.html) in your public_html directory (the same directory as your homepage), the link format would be A HREF="vita.html" If you store your "vita" in a sub directory of public_html (we'll call the directory Bio) the link format would be A HREF="Bio/vita.html". Important Note: the URL is case sensitive.
- For pages at NJIT and external sites: enter the full web address. For example, to refer to the NJIT homepage the link format would be A HREF="http://www.njit.edu".

2. When you are finished, be sure to save *and close* your file. If you use OpenAFS, save this file to your "H-Drive", in the **public_html** folder. If you use SSH Secure Shell, you will need to upload any files directly to the **public_html** folder on your AFS space.

Step 6: Upload your page to the web server.

Start your sFTP software (SSH secure shell or OpenAFS) and connect to your web server (afsconnect[12].njit.edu). Copy your homepage file from your PC to your public_html directory on the web server.

Step 7: View your new page:

Congratulations! You have created and published your web page. Be sure to check the page using a browser. The url of your homepage is the name of the web server (**web** or **harp**) followed by **.njit.edu** plus a forward slash (/), tilde (~) and your **login id** for the web server. For example, if your login id is watson, the URL for your homepage will be **http://web.njit.edu/~watson** or **http://harp.njit.edu/~watson**. **Harp.njit.edu** is used to display webpage that contain audio or video.

For additional information about web pages, please visit

http://ist.njit.edu/support/web_pages/index.php

For help with using HTML to create web pages, please visit <http://www.w3schools.com/>

For help with Expression Web, click [here](#).