

Creating Your Own Pitt-hosted Web Page (for Mac Users)

Multimedia in Language Teaching Workshop Series

Robert Henderson Language Media Center

Na-Rae Han

Two Steps

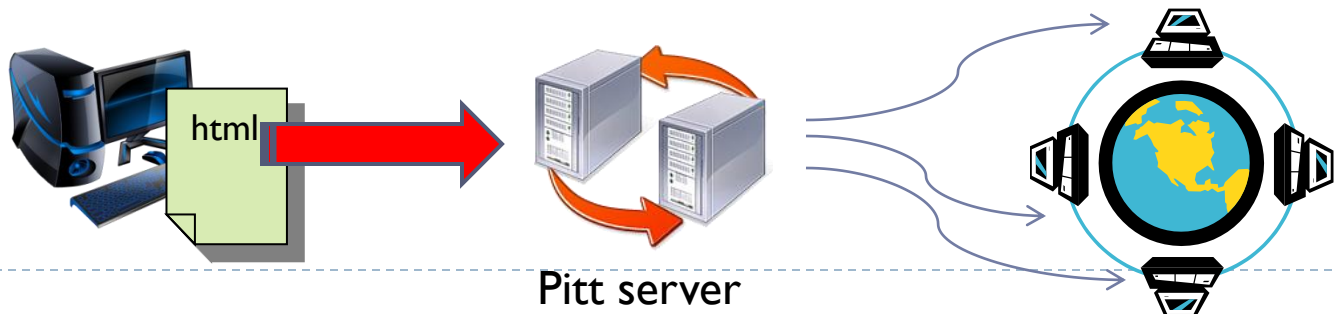
1. Create a web page and save it as an html file on your home computer

- ▶ You need: [html editing software](#)



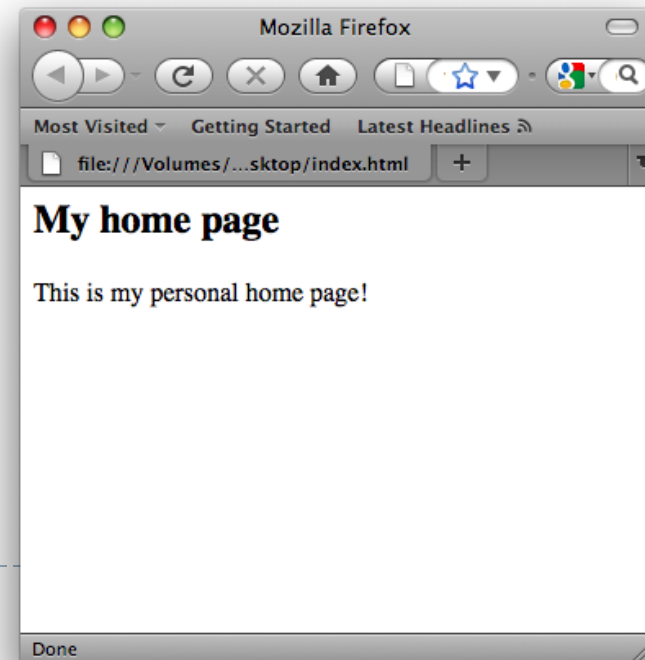
2. Upload your html file onto your designated Pitt server location (where it is published to the web!)

- ▶ You need: [secure file transfer \(sftp\) software](#)



Creating a Web Page File

- ▶ Web page documents ends in `.html` or `.htm`
 - ▶ Html files are just like text files, with `.html` extension!
- ▶ Html document example
 - ▶ Open `TextEdit`, and type in following lines:
`<html>`
`<body>`
`<h2>My home page</h2>`
`This is my personal home page!`
`</body>`
`</html>`
 - ▶ Go to “Format”, select “Make Plain Text”
 - ▶ Save file as `index.html`
 - ▶ Now open the file in your browser.
You should see →

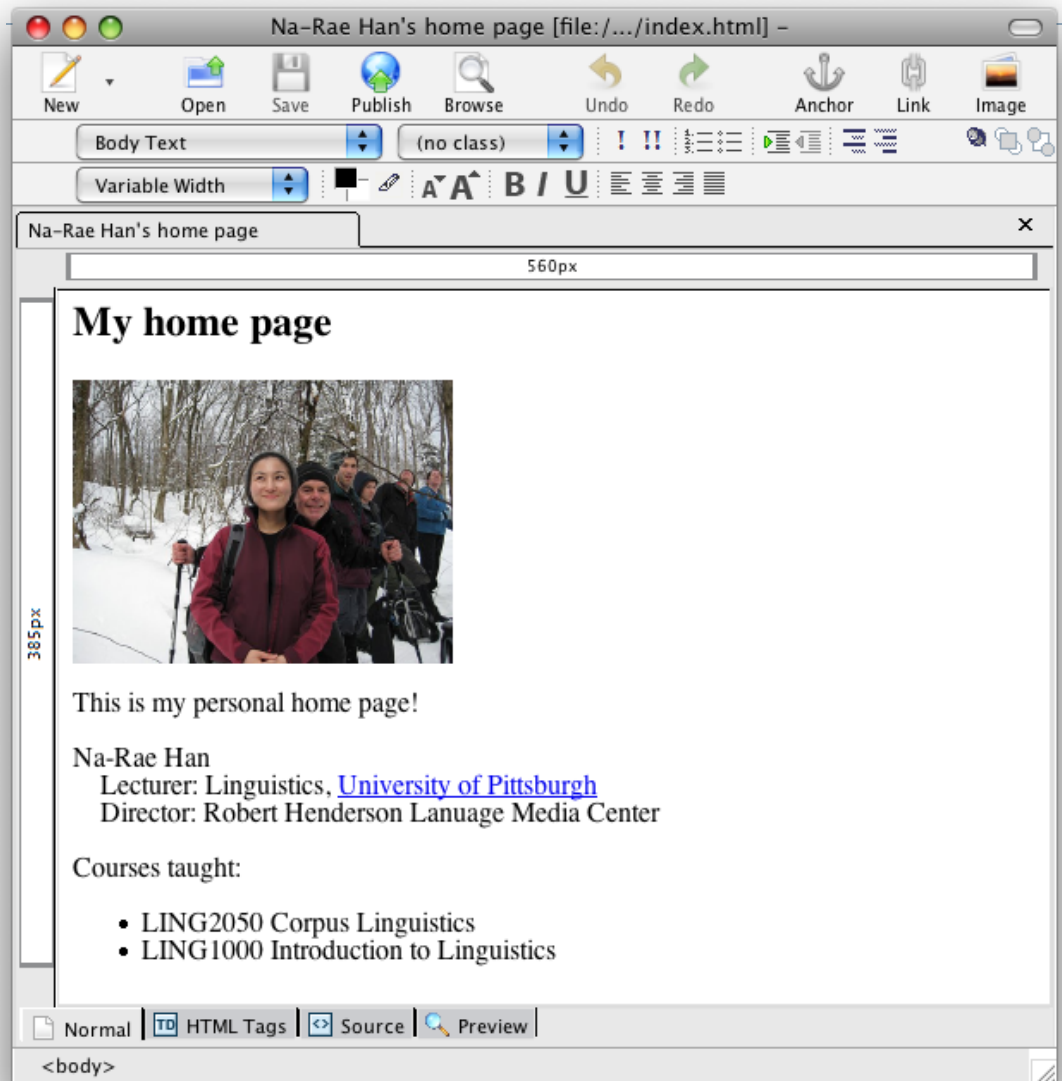


Editing html Files

- ▶ Learning html tags and hand-coding html files can be cumbersome
 - We can use WYSIWYG html editing software
- ▶ Popular html editors
 - ▶ **Adobe Dreamweaver CS5**
 - ▶ \$124 through [Pitt software purchase](#)
 - ▶ **KompoZer** (Free download)
 - ▶ We will use this one!
 - ▶ <http://www.kompozer.net/download.php>

KompoZer

- ▶ Free
- ▶ No installation necessary – download the dmg file, extract the program onto your desktop, and it is ready to use!



With KompoZer, You Can:

- ▶ Design layout of your page
- ▶ Change font face, color, size
- ▶ Create bullet-point/numbered lists
- ▶ Create tables
- ▶ Insert **html links** into your text
 - ← Can also link to **image files** as well as **.pdf files!**
- ▶ Insert pictures into your page by dragging photo file
 - ▶ Make sure your **photo.jpg** file is in the **same directory** as your **index.html** file! Do this BEFORE, not after, editing your **index.html** file. (Makes file linking and server uploading simpler.)
 - ▶ For this workshop, please download this image file, save it as **photo.jpg** and use it in your html file:
 - ▶ http://www.publicdomainpictures.net/pictures/1000/nahled/IMG_2504.jpg

Finished Editing Your Web Page?

▶ Important notes on your files

- ▶ Make sure to keep your **.html files** and any files that are referenced in it (**.jpg** photo files, **.pdf** document files) in the **same directory!**
- ▶ Your file names should NOT contain a **white space**. Use “**_**” (underscore) or “**-**” (hyphen).
- ▶ Kompozer lets you resize an image directly on index.html file, but you should never embed a big image file. Always **shrink down big images** beforehand, using an image editing program. Otherwise your page will load slowly. Any size smaller than 800x600 pixels is good.

▶ You should now have two files:

- ▶ **index.html**
- ▶ **photo.jpg**

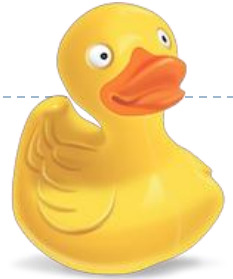
Now you need to upload these files onto Pitt server.

Uploading your Homepage Files onto Pitt Server (1): Using `fetch`



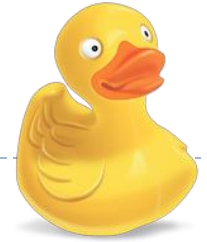
- ▶ `fetch` – Free, command-line based interface
 - ▶ <http://fetchsoftworks.com/>
 - ▶ Download the dmg file, and extract the program
- ▶ Accessing Pitt server using `fetch`
 - ▶ Follow instructions here:
http://technology.pitt.edu/Documents/network/unix-timesharing/Secure_UNIX_Mac_FINAL.pdf
- ▶ Copying your web page over to pitt server in `fetch`
 - ▶ You will need to first create a “html” directory under “public”
 - ▶ Now copy your files (html and jpg) into the “public” directory
- ▶ You’re done! Open a browser and view your home page, which should be: <http://www.pitt.edu/~username>

Uploading your Homepage Files onto Pitt Server (2) : Using **cyberduck**



- ▶ **Cyberduck**: free ftp client software
 - ▶ <http://cyberduck.ch/>
 - ▶ Easier to use: directory view, drag-and-drop, etc.
 - ▶ Download the executable file, and it's ready to use!
 - ▶ We'll use this one in our workshop.

Configuring Server Connection



▶ Click
“Open Connection”

- ▶ Protocol: **SFTP**
- ▶ Server:
unixs.cis.pitt.edu
- ▶ Supply your **Pitt**
username and
password

A screenshot of a server connection configuration dialog box. The dialog has a title bar with a lock icon and the text "SFTP (SSH File Transfer Protocol)". Below the title bar, there are several fields: "Server:" with a dropdown menu showing "unixs.cis.pitt.edu", "Port:" with a text box containing "22", "URL:" with a text box containing "sftp://naraehan@unixs.cis.pitt.edu:22/" and a yellow warning icon, "Username:" with a text box containing "naraehan", and "Password:" with a text box containing ".....". There are two checkboxes: "Anonymous Login" (unchecked) and "Add to Keychain" (checked). At the bottom right, there are three buttons: a help button with a question mark, a "Cancel" button, and a "Connect" button. At the bottom left, there is a "More Options" button with a right-pointing arrow. Red arrows from the text on the left point to the "SFTP (SSH File Transfer Protocol)" dropdown, the "Server:" dropdown, and the "Password:" text box.

▶ And “Connect!”

Your Personal Directory on Pitt Server

Create a directory named “html” inside public unless it’s already there.

- ▶ Uploading files and directories is easy: just drag and drop!

Filename	Size	Modified
Backup	36 B	8/18/09 4:38 PM
bin	9 B	8/18/09 4:38 PM
News	2.0 KB	8/18/09 4:38 PM
private	2.0 KB	8/18/09 4:38 PM
public	2.0 KB	10/22/10 2:00 PM
html	2.0 KB	3/4/11 1:30 PM
han_CV.pdf	46.5 KB	Today 2:30 PM
hiking.jpg	95.6 KB	Today 2:29 PM
index.html	2.6 KB	4/19/10 2:37 PM
ling.html	2.0 KB	4/14/10 8:06 AM
style.css		
try		
workshop		

Every file inside this “public/html” directory is visible on the web.

This where your **index.html** and other files (**jpg**, **pdf**, etc.) should go.

Your Homepage is Ready!

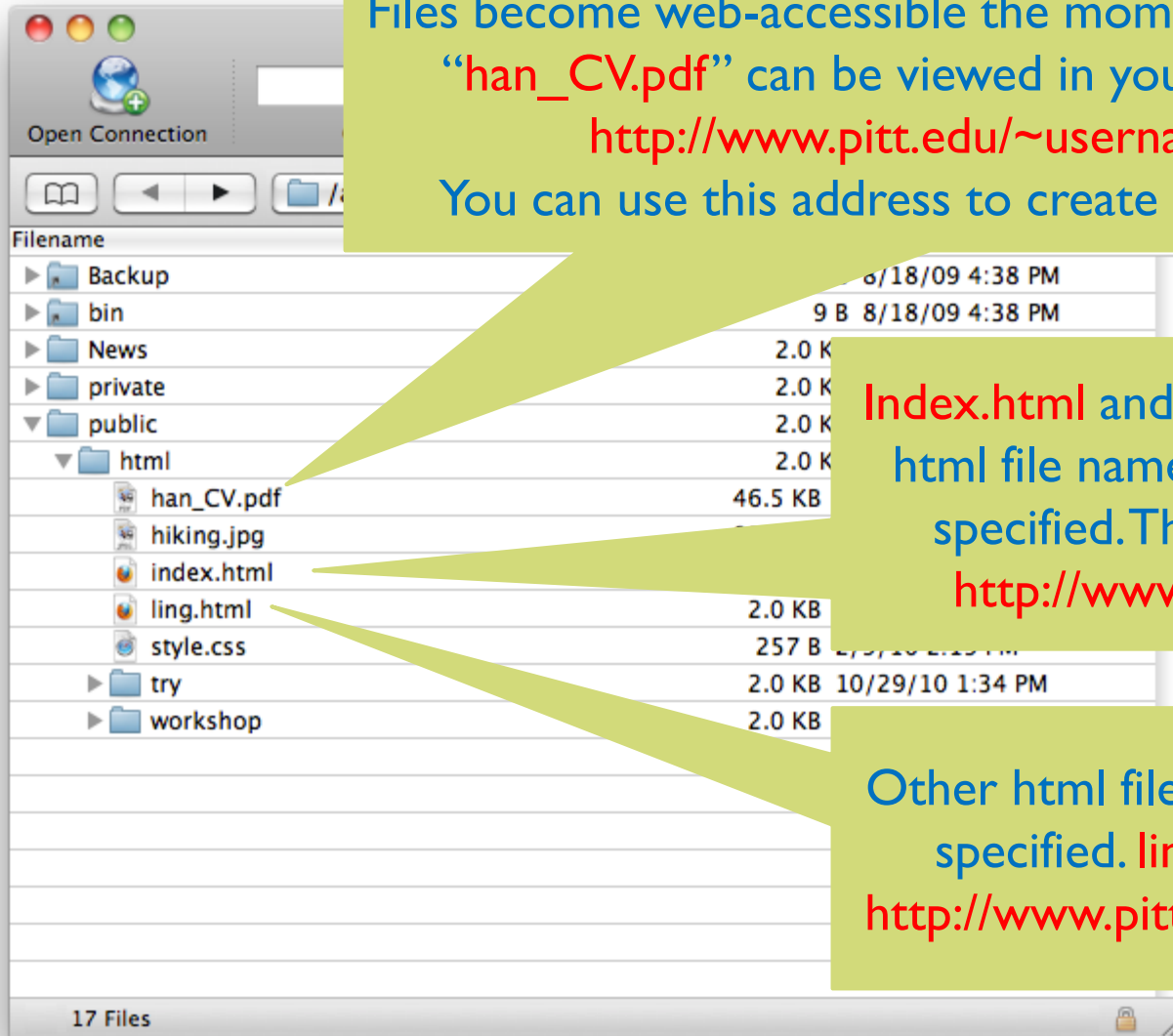
- ▶ After copying over [index.html](#) and other files, your homepage is instantly published to the web.
- ▶ Open your home address and verify it's there. This is your address:
 - ▶ <http://www.pitt.edu/~username>
 - ▶ If you made another directory, say “[class](#)”, under [public/html](#) and then stored your [index.html](#) file there, then your address is: <http://www.pitt.edu/~username/class>
 - ▶ If you gave your html file a name other than [index.html](#), say [research.html](#), then your address is: <http://www.pitt.edu/~username/research.html>

Understanding http Address & File Names

Files become web-accessible the moment you upload them. This “han_CV.pdf” can be viewed in your browser by opening:

http://www.pitt.edu/~username/han_CV.pdf

You can use this address to create a link on your html file.



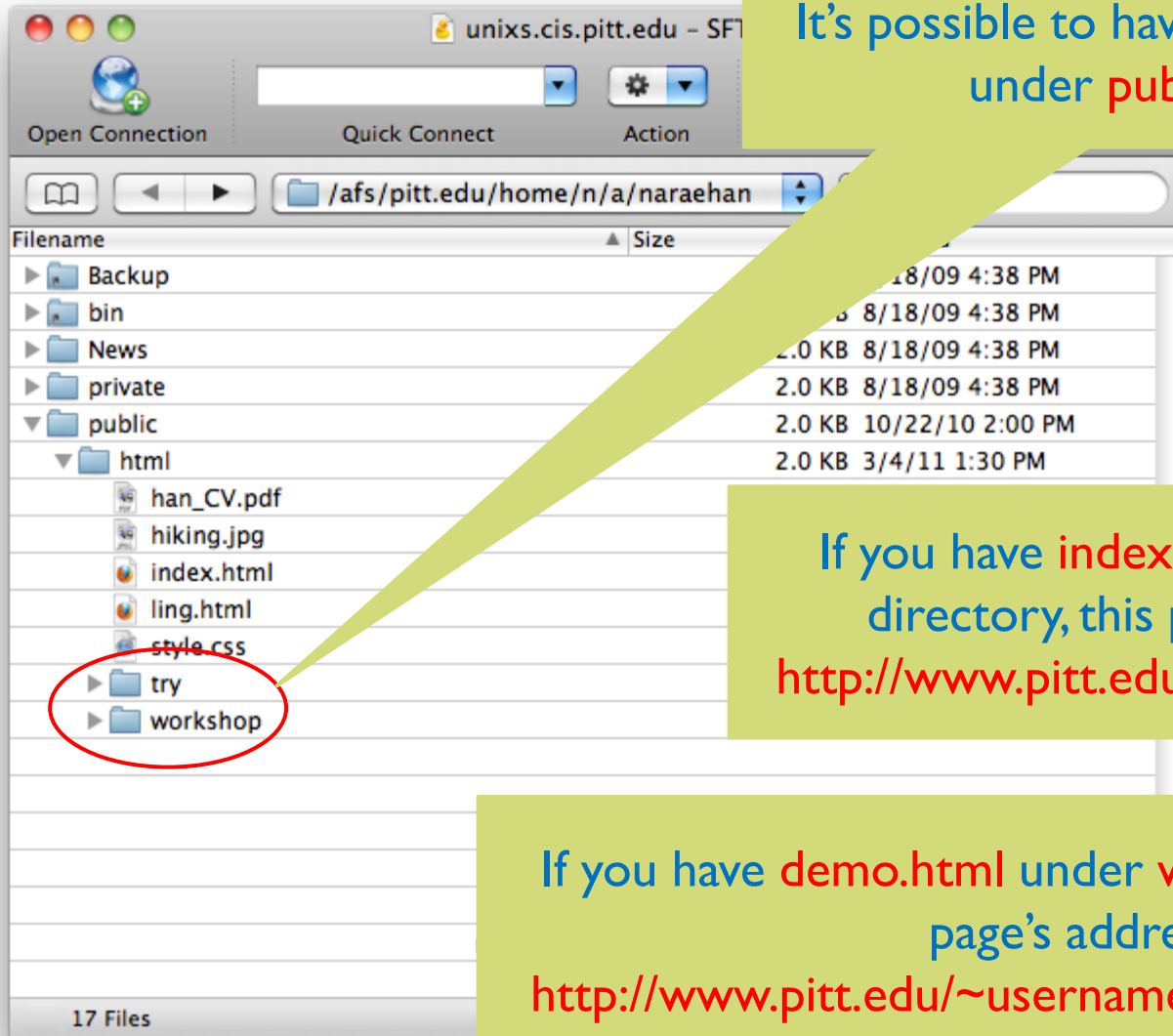
Index.html and index.htm are the default html file names and do not have to be specified. They can be accessed at:

<http://www.pitt.edu/~username/>

Other html file names, however, must be specified. ling.html is accessible at:

<http://www.pitt.edu/~username/ling.html>

Subdirectories and Web Address



It's possible to have subdirectories under **public/html**.

If you have **index.html** under **workshop** directory, this page is accessible at:
<http://www.pitt.edu/~username/workshop>

If you have **demo.html** under **workshop** directory, this page's address is:
<http://www.pitt.edu/~username/workshop/demo.html>

Adding Designs

▶ Adding design elements: **CSS templates**

- ▶ Free ones available online. You can download them and apply to your page.

- ▶ <http://www.freecsstemplates.org/>

- ▶ <http://freehomepagetemplates.com/>

- ▶ Download a template and then unzip it.

- ▶ Applying CSS template:

- ▶ From KompoZer, click “CSS Editor”

- ▶ “Linked Stylesheet” → Choose “File”

- ▶ Navigate into the unzipped directory, select “style.css” file

- ▶ Hit “Create Stylesheet”

- ▶ Now your homepage looks nicer! →

- ▶ Don't forget to upload the CSS template file

and directory onto the server!



Pitt Computing Services Help Pages

- ▶ General information on creating Pitt-hosted web pages can be found here:
 - ▶ <http://technology.pitt.edu/network-web/unix-timesharing.html>
- ▶ Creating web page how-to (pdf file)
 - ▶ http://technology.pitt.edu/Documents/network/web-sites/html_inst.pdf
- ▶ Accessing Pitt server how-to (pdf file)
 - ▶ http://technology.pitt.edu/Documents/network/unix-timesharing/Secure_UNIX_Mac_FINAL.pdf