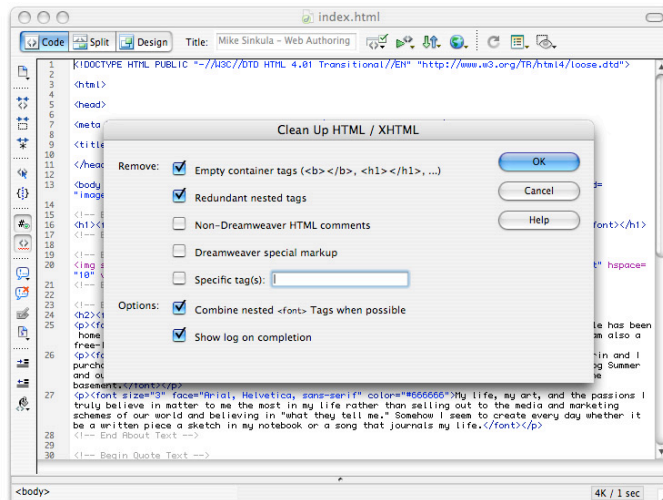


Week Six: Validating, Testing & Publishing

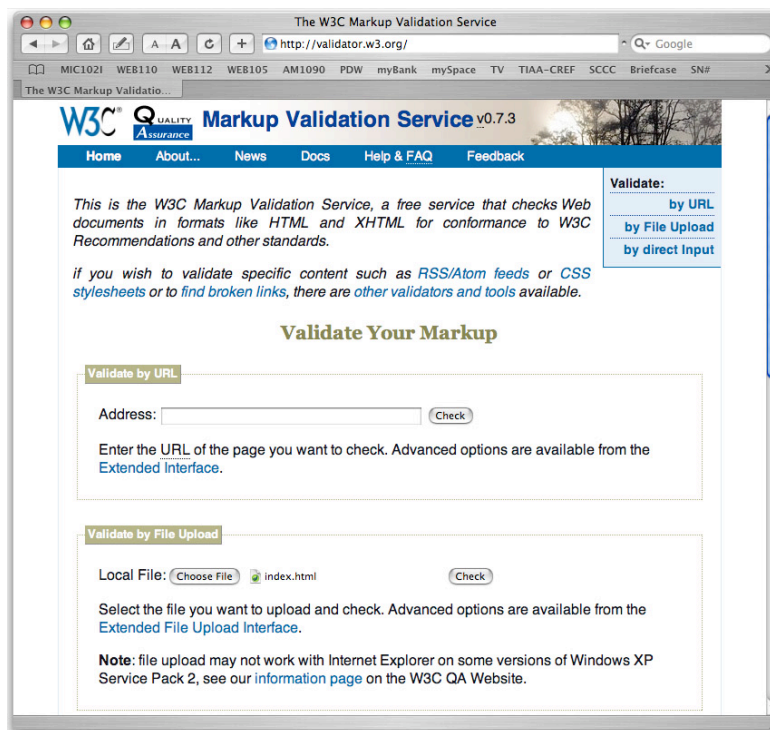
Validating Your Page

- The first step in making sure your page will work correctly is to run your page through a validator
- Many programs, such as Dreamweaver, have built in validator – Choose > Commands Clean Up HTML:



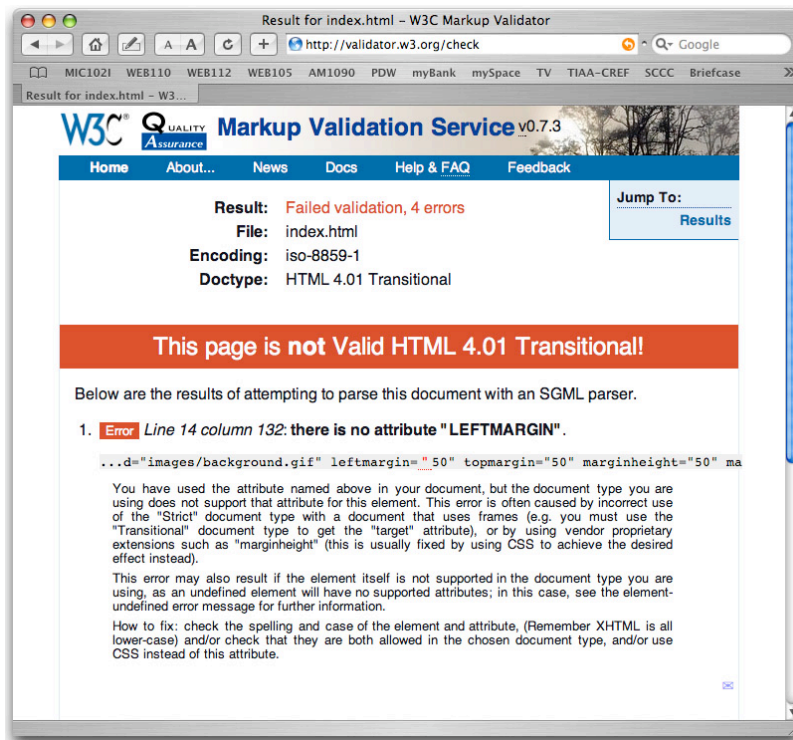
here, the Clean Up HTML command look at the **doctype** information and then will run a series of operations for you based off of your **doctype**

- You can also validate your code via the W3C HTML validator – <http://validator.w3.org/>:



here you can *choose* your local file (file on your disk) and then *check* it

- Once you have checked your page, the validator will let you know of your mistakes:



here you can see that the W3C validator caught the depreciated tag “leftmargin” even though it still works properly in the latest browsers – therefore, let’s move on to testing

Testing Your Page

- While validating your page can be a quick and easy way to point out to you that you forgot to close a tag properly, or are using an outdated method they have a hard time getting the overall big picture you are trying to achieve – they are only human after all
- Thus, testing your page is the only true way of knowing if your page will work cross-browser and cross-platform – you should check your pages in every browser on multiple platforms and ask:
 - Does your page display the formatting as expected – colors, fonts, etc.?
 - Do each of your URLs link correctly?
 - Do all of your images appear?
 - Are things aligned as expected?
 - Does your email link work correctly?
- let’s run through some common mistakes:

Spelling

- I know I am notorious for misspelling everything !!!
- let’s make sure that all of your attributes are spelled correctly:

```

```

- Misspelling your values can also get you:

```
src="images/mikeSinkvla.gif"
```

Path Names

- Having an incorrect path name is notorious for images not displaying:

```
src="mikeSinkula.gif"
```

Spaces

- Do you have spaces when you shouldn't:

```
size = "3"
src="mike Sinkula.gif"
```

Nesting Tags

- Let's make sure that all of your elements are nested correctly:

```
<p>This line has a word that should be <b>bold</p></b>
```

Closing Tags

- Make sure that all of your tags are closed correctly:

```
<p>This line has an incorrect closing tag<p>
```

Know Your Doctype

- Make sure that you are writing your code for your `doctype`:

```
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
```

I needed to remove the closing / from my meta tag as it did not conform to my transitional `doctype`

```
<body text="#666666" link="#666666" vlink="#CCCCC" alink="#FF0000"
bgcolor="#FFFFFF" background="images/background.gif" leftmargin="50"
topmargin="50" marginheight="50" marginwidth="50">
```

these tags are depreciated form the `doctype` I used – however they still tested properly, so I am choosing to leave them alone

Special Characters

- Make sure that your are correctly using special characters from the chart in your book – p. 449

```
<p><font size="3" face="Arial, Helvetica, sans-serif"
color="#666666">&ldquo;Patience is not just a Guns n&rsquo; Roses
song.&rdquo;</font></p>
```

Publishing Your Page !!!

- Once you are done validating and testing your page for errors, you are FINALLY ready to publish it to the web
- I am going to run you through the theory of how to publish to the web then we will take a look at directions to publish to the school's server

Hosting

- The first thing you need to do before you publish your page is to find a host – for this class you will be using the *edison* server here at school – <http://edison.seattlecentral.org/>
- Once you are out of school you might consider an ISP (Internet Service Provider) such as Speakeasy – <http://speakeasy.net/>

Domain Names

- Once you leave school you will need to register a domain name that you will then have your ISP host it for you
- To do so, you will need to check to see that the domain name that you want is available by checking with a domain registrar such as Network Solutions – <http://www.networksolutions.com/>

Connecting to Your Server

- Once you sign up with an ISP and are successfully hosting your domain name, you will need to connect to your server-space to post your HTML pages to the web:

Site Definition for WEB110

Basic Advanced

Site Definition

Editing Files Testing Files Sharing Files

How do you connect to your remote server?
FTP

What is the hostname or FTP address of your Web server?
grace.speakeasy.net

What folder on the server do you want to store your files in?
premiumdw/WEB110/

What is your FTP login?
msinkula

What is your FTP password?
..... Save

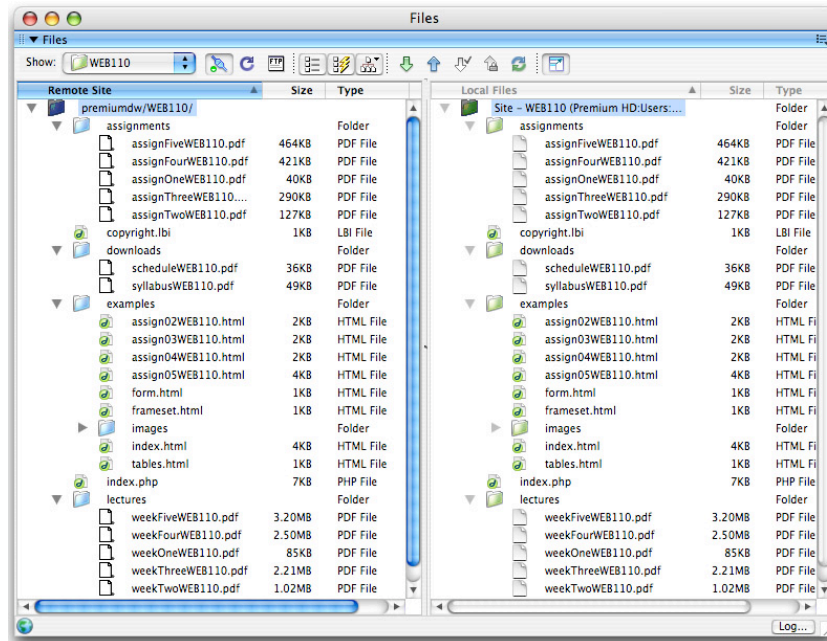
☐ Use Secure FTP (SFTP)

Test Connection

Help < Back Next > Cancel

- To do so you will need to connect via FTP (File Transfer Protocol) and some server and user information:

- 1) **hostname** – or FTP address of your server-space
 - 2) **directory** – or folder name that you want to place your files in under your server-space
 - 3) **login** – basically a username that you have set up with your ISP for your server-space
 - 4) **password** – that you have set up with your ISP for your server-space
- once you have successfully logged in to your server-space, you can then upload your files by a command or dragging and dropping:



Accessing Your SCCC Web Page

- To access a personal web page directly enter the following URL:
_"http://edison.seattlecentral.org/~**logon**"
- where **logon** is replaced by the logon name, in our example we would replace **logon** with jsmith99, be sure to enter this in lower case. **_OR_** Use the **above list** to find the logon of the person whose web page you would like to visit. Click on the first letter of the last name and then scroll down the list to find the name. Click on the name to follow the link to their web page.

Finding your Logon

- Your login is the 8 digit logon that you were assigned for your cmail account. To find this logon either go to the Seattle Central Computer Lab and scan your card through the scanner to view your account information OR use the **login list above** to find your own logon. It will be displayed right after your full name.

Student FTP Instructions

- 1) To load files to your web page you need an FTP client, the one supplied for you in the Seattle Central Computer Lab is called WS_FTP.
- 5) From windows choose Programs -> Network Programs -> WS_FTP
- 6) In the field labeled **Hostname/Address:** enter "**edison.seattlecentral.org**"
- 7) In the field labeled **User ID:** enter your **logon**, all letters must be in lowercase
- 8) In the field labeled **Password:** enter your **password**. This password is the last 6 digits of your Student ID Number
- 9) Click the button labeled ok to connect

10) This will set up an FTP connection to the web server, please note, you are automatically "in" your own public_html directory. The files in the left window in WS_FTP reside on your local machine and the files in the right window reside in your web account directory on the web-server. Use the arrow buttons to transfer files back and forth.