

HTML Practice 2

Validation Practice

Introduction: The coding standard for this course this semester is HTML 5. We will be using a validation service provided by the World Wide Web Consortium (W3C).

The URL for this validator is: validator.w3.org. You will need to validate every page of every project this semester.

If you need additional help, please refer to the screencasts.

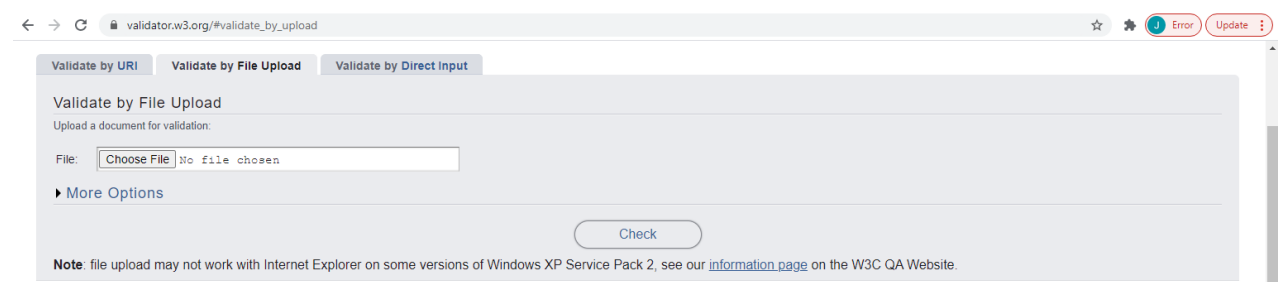
Step 1. Download theHTML2ZippedFiles zipped folder to your desktop and then Unzip (Extract) the folder.

Step 2. Rename the extracted folder HTML2. Remember, we will always have a folder for our practices or projects that will act as the web site folder. All our web pages and resource files will always be nested inside a web site folder.

Step 3. Open the cactus.html page in the text editor of your choice. This page was created beginning with the start.html document.
Notice the <!DOCTYPE> is html, which is the standard for HTML 5. The w3C validator will use this standard to evaluate this document.

Step 4. Open a web browser like Chrome or Firefox. Enter the following URL:
<http://validator.w3.org> .

Note: There is no www in this URL.



Step 5. Choose the Validate by File Upload tab; then click on Choose File to upload your cactus.html file.

Search your computer until you find the cactus.html document you saved. Click the Open button. Your file is now ready to be checked by the validator. Click the Check button. There should be several validation errors in this file.

Step 6. Fix each error in the cactus.html document. If the validator mentions that an attribute on an element is obsolete, simply delete the attribute. In the example below, you would delete align=center to fix the validation error.

5. **Error** The `align` attribute on the `h1` element is obsolete. [Use CSS instead.](#)
From line 8, column 1; to line 8, column 17
`d><body><h1 align=center>Susan'`

Save your cactus.html file after making these changes.

- Step 7. Go back to the W3C validator. Click on the Back button. Find and upload the cactus.html again. Click on the Check button.
Hopefully, you have fixed all the validation errors in the file.

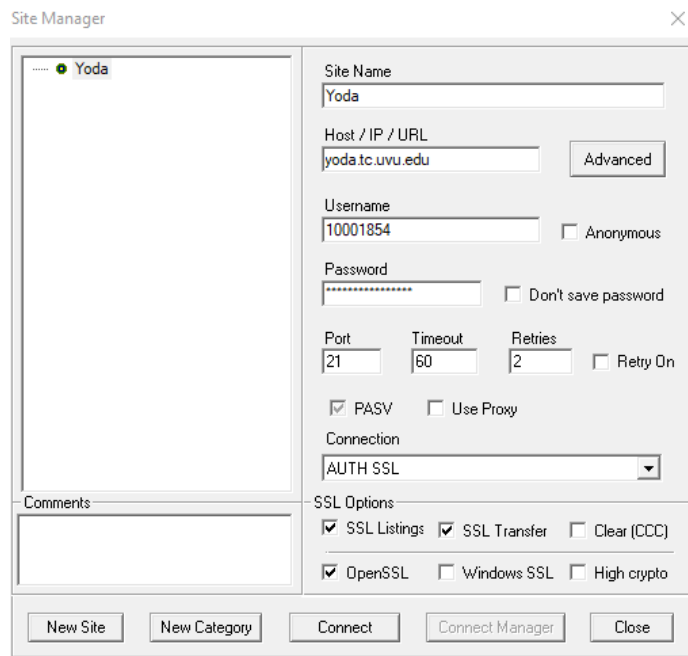
The message should show the following: **Document checking completed. No errors or warnings to show.**

Uploading Practice

Introduction: You will be logging into the Yoda web server to upload your practice folder. You will follow this same process when you upload your Project folders for grading. You should now have a username and password for your directory on the Yoda web server. Use these to login into the web server.

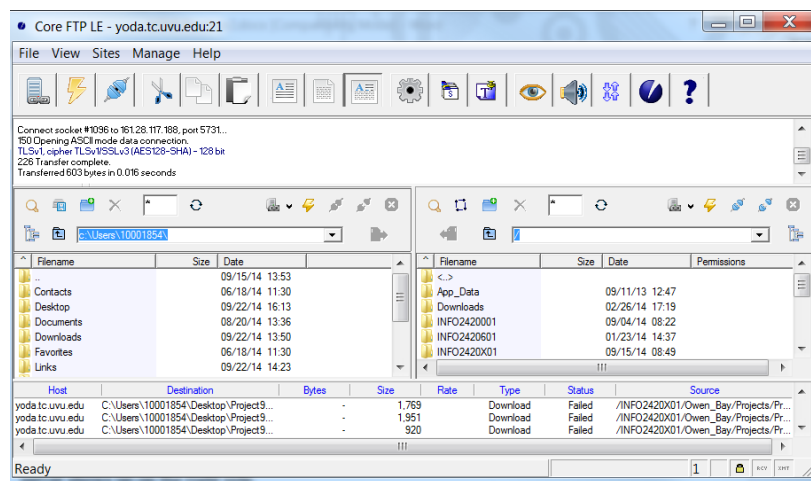
- Step 1. Open the CoreFTP or another FTP client application.
Click on the Open Connection button.

- Step 2. Enter the host name which will be: yoda.tc.uvu.edu
Enter your Username: (same as UVLink)
Enter your Password: (same as UVLink)
Do not worry about the Port Number, Timeout or Retries boxes (leave as is).
Set the Connection Type to AUTH SSL
Select the following SSL options:
- SSL Listings
 - SSL Transfers
 - Open SSL



Step 3. Click on the Connect button.

Step 4. Your local client machine shows up in the left side of the application and the Yoda web server shows up on the right side. Navigate to your account by clicking on your course number and section folder (INFO2420001, INFO 2420X01, etc.).



Step 5. You should now create two directories (folders) in your web root area: a Projects folder and a Practices folder.
Right click in the file area of the web server and choose create directory. Repeat this for the two folders.

Step 6. On the web server, click the Practices folder to move inside the folder which will be your destination folder.
Find your HTML2 practice folder on your local client desktop. Drag the entire folder from the left to the right into the Practices folder on the web server. If you have the HTML1 folder from last week's practice, you could also drag this onto the web server in the Practices folder.

Step 7. View your cactus.html page in the web browser:
<https://yoda.tc.uvu.edu/lastnamefirstname/Practices/HTMLPractice2/cactus.html>

Conclusion: Validation is the process of ensuring that you have written “well-formed” code. This code will act predictably in most browsers. The HTML 5 standard is a good step toward the XML standard. In the future, all web pages are predicted to be XML pages.

You must use an FTP client application to upload folders and files to your directory on the course web server. Use Internet Explorer, Firefox or another browser and the HTTP protocol to view your files once you have uploaded them. You should always check your projects once they are uploaded to make sure your links and graphics work correctly and that your pages validate!