

HTML Validation using W3C.org

It is important to validate your HTML documents against the current recommendations and standards for a number of reasons;

1. It's a professional thing to do
2. It saves the browser from trying to interpret errors and correct them.
3. Validation helps make the website accessible

Validation is a bit like spellchecking/ grammar checking a word document before publishing it

Quote from World Wide Web consortium:

"The World Wide Web Consortium (W3C) develops interoperable technologies (specifications, guidelines, software, and tools) to lead the Web to its full potential. W3C is a forum for information, commerce, communication, and collective understanding."

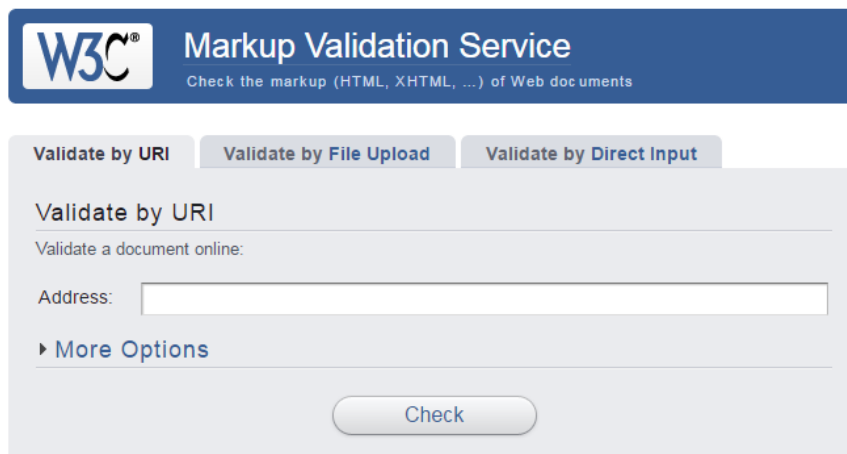
The www.w3c.org produces recommendations and sets standards for markup languages and other web technologies. It has produced an HTML validator that can be freely used to check the markup validity of Web documents in HTML.

Activity

Browse to: <http://validator.w3.org/>

The validator allows you to check markup in 3 different ways:

1. By typing in the URI of the website (more commonly called the URL)
2. By browsing your local device and uploading an HTML document
3. By copying and pasting code directly into its window.



The screenshot shows the W3C Markup Validation Service interface. At the top, there is a blue header with the W3C logo and the text "Markup Validation Service" and "Check the markup (HTML, XHTML, ...) of Web documents". Below the header, there are three tabs: "Validate by URI", "Validate by File Upload", and "Validate by Direct Input". The "Validate by URI" tab is selected. Under this tab, there is a section titled "Validate by URI" with the text "Validate a document online:". Below this, there is a label "Address:" followed by a text input field. Below the input field, there is a link "More Options". At the bottom of the form, there is a "Check" button.

- Copy and paste this HTML code directly into the window and click CHECK.
- The validator should pick up about 12 errors and 1 warnings.
- Paste into a new HTML page in your preferred coding editor and fix errors until you get a GREEN valid code message

```
<!DOCTYPE HTML>
<html>
<head>
<meta charset="utf-8">
<title>Untitled Document</title>
</head>
<body>
<main>
<header>
  <h1>Web Development Rules</H1>
</header>
<nav>
<p><a href="index.html">Web Development Rules</a> <a href="cssdefined.html">What is CSS</a> <a href="htmldefined.html"> Markup Languages</a></p>
<article>
<section>
  <h3>The Rules</h2>
  <p></p>
  <p>
  <p>
</section>
<article>
<h5>
As you go along:
</h3>
<p>All files and folders for a website must be kept in one root folder <br>
  All folder and file names in lower case <br>
  All folder and file names with no spaces <br>
  Home page must be named index.html <br>
  All images must be either jpg, gif or png <br>
  Correctly size images before placing on the web page <br>
  All links must work <br>
  All images must have alt tags <br>
  No use of font tag - use CSS instead</p>
<p>&nbsp;</p>
<article>
  <h5>Before Uploading:</h5>
  <p>All redundant, widowed and orphaned files removed <br>
    All web pages validated using W3C validator
</article>
</main>
</body>
</html>
<footer>It's the bottom of the web page. What is todays date and where is
my copyright symbol?</footer>
```

Validation Tasks

Download the DignansToFix folder from Moodle and validate the **indexToFix.html** file

Validate your own Diganans and Sunflowers HTML pages

