

The image features a black background with several colorful geometric elements. On the left, there is a vertical purple bar. Below it, a blue shape with rounded corners extends horizontally. This blue shape is followed by a series of four colored segments: a light purple segment, a yellow segment, and a dark red segment. The dark red segment has rounded corners and is positioned above a yellow vertical bar on the right side of the image. The word "Validation" is written in a bold, orange, sans-serif font, centered horizontally across the middle of the image, overlapping the blue and light purple segments.

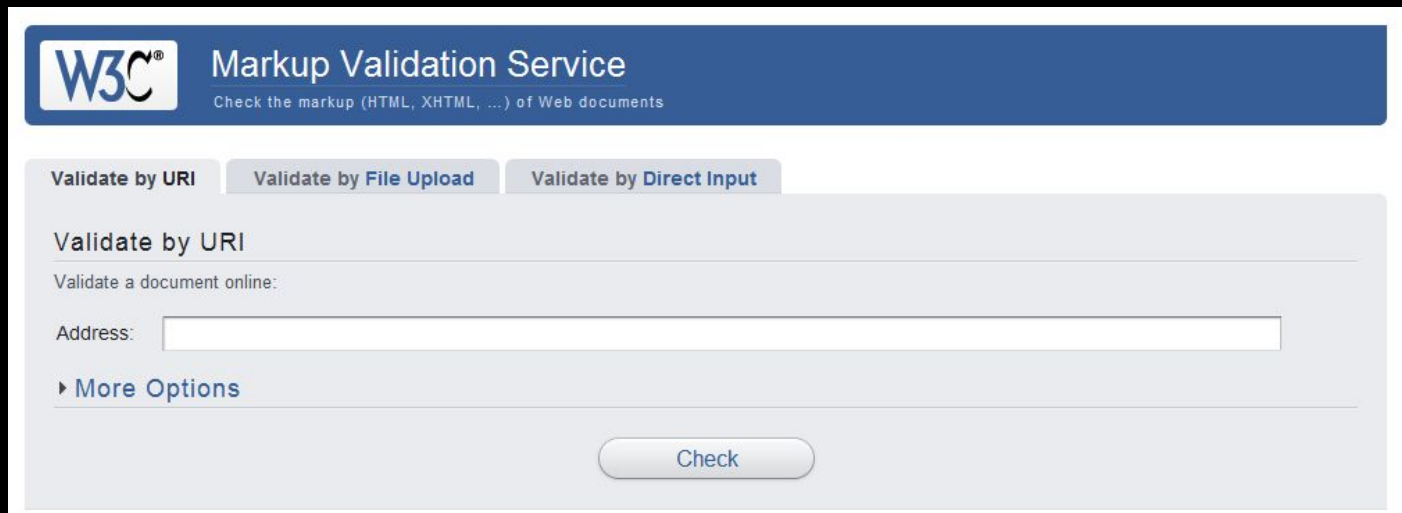
Validation

HTML Validation

- Involves using a "Validator" to check your website to ensure it is "well-formed"
 - That is to say that it conforms to the HTML standards
- Our sites will be validated using a Transitional doctype

W3 Validator

- Allows validation via text-input, file upload or linking
- Free service offered from the World Wide Web Consortium



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. At the bottom of the form, there is a link "More Options" and a "Check" button.

W3C® Markup Validation Service
Check the markup (HTML, XHTML, ...) of Web documents

Validate by URI Validate by File Upload Validate by Direct Input

Validate by URI

Validate a document online:

Address:

► More Options

Check

What is it checking?

- A validator will check for
 - proper case (lower case tags - `
` NOT `
`)
 - all tags are closed
 - self closing tags are self closed (`
` NOT `
</br>`)
 - Structure elements exist
 - Doctype
 - Meta-Information
 - Header
 - Body
 - Proper quotes on attributes (``)

Example 1

```
<html>
<head>
  <title>Awesome Page Numba Two</title>
</head>
<body>
  <font color="red">Hello World, this is
  awesome! </font>
</body>
</html>
```

Example 2

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta content="en-us" http-equiv="Content-Language" />
```

```
<meta content="text/html; charset=utf-8" http-equiv="Content-Type" />
```

```
</head>
```

```
<title>This is some awesome text</title>
```

```
<body>
```

```
<p>This is some awesome text<p>
```

```
</body>
```

```
</html>
```

Example 3

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta content="en-us" http-equiv="Content-Language" />
```

```
<meta content="text/html; charset=utf-8" http-equiv="Content-Type" />
```

```
<title>This is some awesome text</title>
```

```
</head>
```

```
<body>
```

```
<p>This is some awesome text</p>
```

```
</body>
```

```
</html>
```