

Web Overview }

DocType

DocType

— { DocType

— { Validation



First Priority of a Web Designer or Developer.

Web Design & Development

To give content meaning through contextual markup.



That process starts
with the doctype



DocType

DocType

This defines how the browser will interpret your web content. Identifying the document to be checked against web standards. Without it the browser will go into “**quirks mode**”.

Quirks Mode

The browser is unsure of the context of the document and makes best guesses at how it will be interpreted.

DocType

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
2 <html xmlns="http://www.w3.org/1999/xhtml">
3 <head>
4 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
5 <title>Untitled Document</title>
6 </head>
7
8 <body>
9 </body>
10 </html>
11
```

This is at the very top of your code.
It's a good thing.

DocType Flavors

- { html
- { Transitional
- { Strict
- { Frameset

DocType Flavors

- { html
- { Transitional
- { Strict
- { Frameset

Frames aren't indexed so well.

DocType Flavors

- { html
- { Transitional
- { Strict
- { Frameset

**html is a new
doctype designating
a html5 document**

DocType Flavors

- { html
- { Transitional
- { Strict
- { Frameset

Lenient on some outdated but still popular coding practices.

DocType Flavors

- { html
- { Transitional
- { Strict
- { Frameset

This is good if you don't have to play nice with depreciated code.

Which one is the best?

That depends on your project.

Is there a way to
check if you've followed
the **rules** correctly?



Validation

Validation

A process of evaluating your code for errors and deprecated features.

Benefits of Validation

- { Search engine friendly content
- { Makes you a better developer
- { Holds web developers accountable for their work. This could be a selling point for yours.
- { Makes your web content accessible to multiple platforms and devices.

Validation Options

- { HTML Validation in Dreamweaver
- { The W3C Markup Validator
 - { <http://validator.w3.org/>
- { The W3C CSS Validator
 - { <http://jigsaw.w3.org/css-validator/>
- { [Web Developer Toolbar](#)

How does validation work?

It's based off of your doctype

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
2 <html xmlns="http://www.w3.org/1999/xhtml">
3 <head>
4 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
5 <title>Untitled Document</title>
6 </head>
7
8 <body>
9 </body>
10 </html>
11
```

It's based off of your doctype

```
3 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
4 <html xmlns="http://www.w3.org/1999/xhtml">
5 <head>
6 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
7 <title>Untitled Document</title>
8 </head>
9 <body>
10 </body>
11 </html>
```

More about validation

<http://dev.opera.com/articles/view/24-validating-your-html/>

How do I validate?

- { 2 Part Process
- { *Green Checks*
- { *Run Validation*

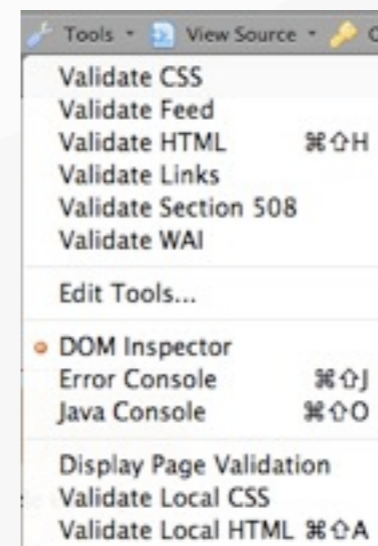
Web Developer Toolbar - Green Checks

- { Download the Web Developer Toolbar for Firefox.



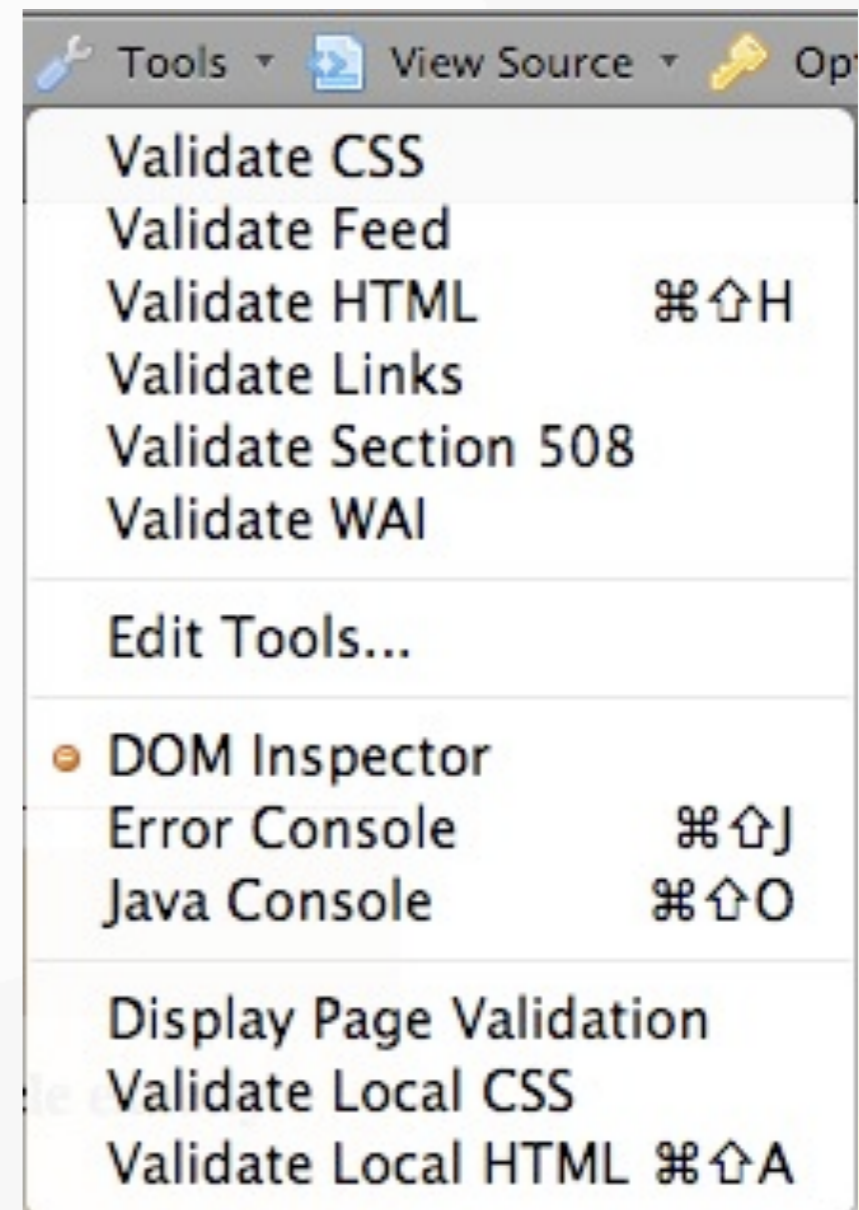
3 Green Check Marks

- { Check for 3 Green check marks all the way to the right of the toolbar.



Validation HTML

— { Tools --> Validate HTML



Try it out!

Download the web
developer tool bar and
validate your favorite
website for HTML and CSS

Don't forget you can also
validate at <http://validator.w3.org/>

Common Errors

- { Forget to close a tag
- { Typos
- { Missing alt's for images
- { Incorrectly nested tags

The truth about validation

- { It's *not* fool proof
- { It won't always point out the “*actual*” error
- { Sometimes validation doesn't make sense

DocType

— { DocType

— { Validation