

Web Overview }

Brush Up Course

So you're sold on web standards. Where do you start?

DocType

— { DocType

— { Validation



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**”.

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

- { Transitional
- { Strict
- { Frameset

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- { Transitional
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Frames aren't indexed so well.

DocType Flavors

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Lenient on some outdated but still popular coding practices.

DocType Flavors

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

DocType Flavors

- { Transitional
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**Or advertisers
who write bad
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.
- { It follows Web Standards of course

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](#)
- { [Firebug](#)

How does validation work?

It's based off of your doctype

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More about validation

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

How do I validate?

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

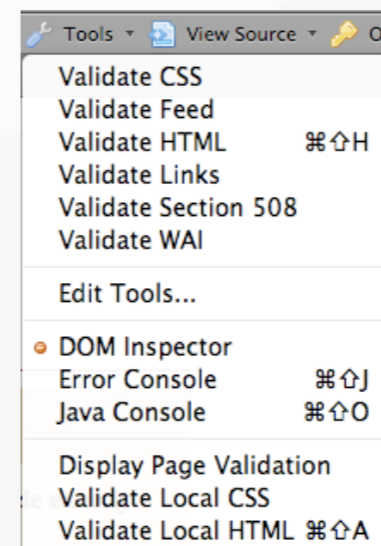
Web Developer Toolbar - Green Checks

- { Download the Web Developer Toolbar for Firefox.



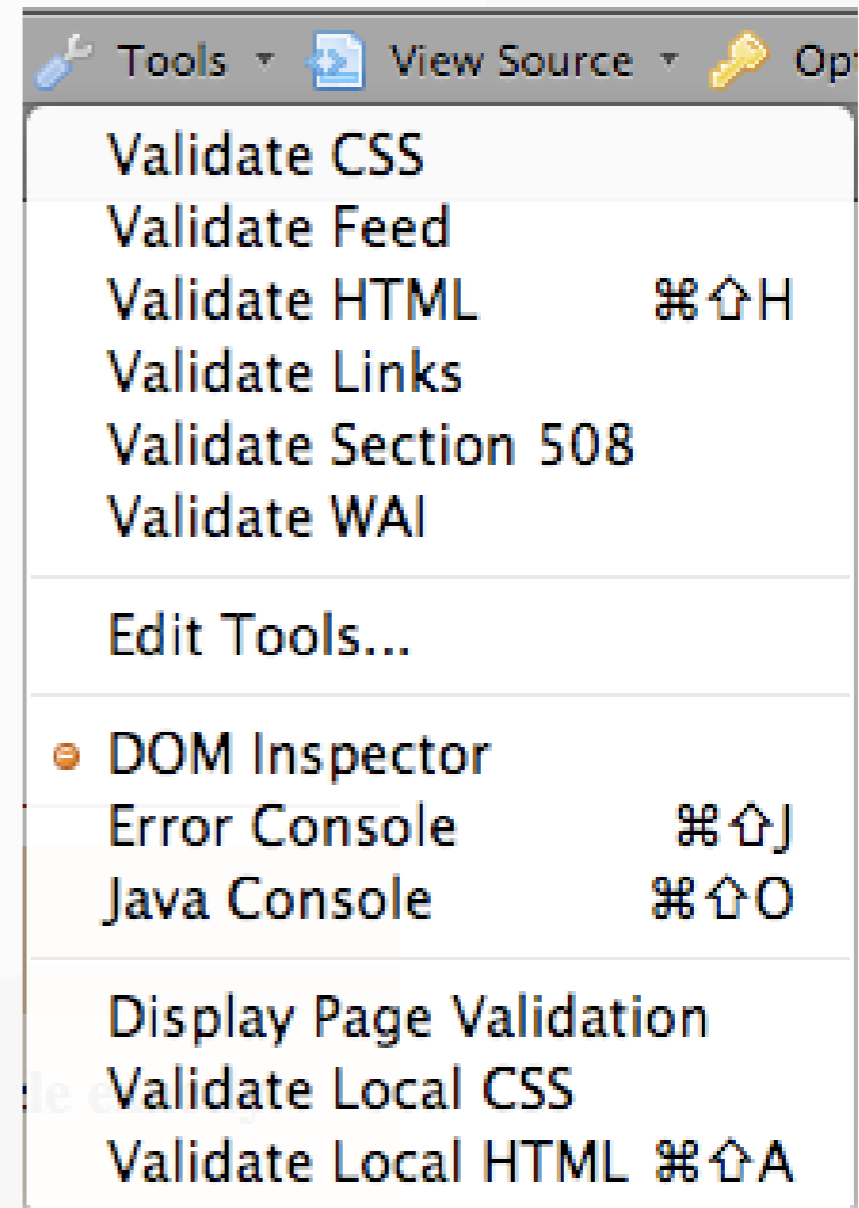
3 Green Check Marks

- { 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