

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

Brush Up Course

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

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Frames aren't indexed so well.

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

DocType Flavors

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**Lenient on some
outdated but still
popular coding
practices.**

DocType Flavors

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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

Brush Up Course

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/>

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?

<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

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—{ Validation