

HTML

HYPertext MARKUP LANGUAGE (HTML)

A basic web page is written in HTML, this is the coding language that takes place behind the scenes, in Code View.

“HTML is just a series of tags that are integrated into a text document. They’re a lot like stage directions - silently telling the web browser what to do, and what props to use.”

Tags are enclosed in <> brackets and usually come in pairs, one indicating the start and one for the end. Whatever is sandwiched in the middle of these tag pairs is defined by the two surrounding selector tags.

Example:

```
<html>
<head>
<title>Hello</title>

</head>

<body>

Hello World!

</body>
</html>
```

Every page starts with the <html> tag. So the webpage above would simply say “Hello World!” as defined in between the <body> tags. From here it’s just expanding your vocabulary. Below are some of the most commonly used tags. When in a web browser (like Safari or IE), choose **View > Source** to see the HTML coding of any page on the web.

Note: This handout include XHTML (Extensible HTML) compliant tags. The changes are mainly reflected in stand-alone container tags.

Basic Page Tags:

<html></html>
Creates an HTML document

<head></head>
Sets off the title and other information that isn’t displayed on the Web page itself, i.e. css, javascript, meta tags.

<body></body>
Sets off the visible portion of the web document

Header Tags:

`<title></title>`

Puts the name of the document in the title bar

Other Header Tags would include Meta Tags, Javascript, CSS, Notes, etc.

Text Tags:

`<h1></h1>`

Creates the largest headline, and so on to...

`<h6></h6>`

Creates the smallest headline

``

Creates bold text

``

Creates italic text

Link Tags:

``

Creates a hyperlink

``

Creates a mailto link, watch that SPAM.

``

Creates a target location within a document

``

Links to that target location from elsewhere in the document

Formatting Tags:

`<p></p>`

Creates a new paragraph

`
`

Inserts a line break

`<blockquote></blockquote>`

Indents text from both sides

`<dl></dl>`

Creates a definition list (no bullets)

`<dt></dt>`

Precedes each definition term

`<dd></dd>`

Precedes each definition

``

Creates a numbered list

``

Precedes each list item (for both `` and ``), and adds a number/bullet

``

Creates a bulleted list

`<div></div>`

A generic tag used to format large blocks of HTML, also used for stylesheet reference

Tags for Graphical Elements:

``

Adds an image

`<hr />`

Inserts a horizontal rule

`<hr noshade />`

Creates a rule without a shadow

Table Tags for Layout:

`<table width="100%" border="0" cellspacing="1" cellpadding="2">`

`<tr>`

<code><td></td></code>	<code><td></td></code>	<code><td></td></code>
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`</tr>`

`</table>`

This table has one row and three columns. `<tr>` `</tr>` creates a new Table Row and

`<td>` `</td>` creates a new cell (column) in that row.

Further Help:

W3C HTML Site < <http://www.w3.org/MarkUp/> >