

Basic HTML

HTML Defined

HTML – Hypertext Markup Language

- Standard defined by the W3C, providing structure to documents through its use
- Machine recognizable language, expressed as a DTD in SGML, the Standard Generalized Markup Language
- Current and LAST version is 4.0

Use an HTML Editor

- You can create or generate HTML code to build Web pages in many ways
- Many sites on the Web are coded using simple text editing tools such as Notepad
- Many different HTML editing programs are now available

HTML as a Markup Language

- A markup language is a structured language that lets you identify common sections of a document such as headings, paragraphs, and lists.
- An HTML file includes text and HTML markup elements
- The browser interprets the HTML markup elements and displays the results, hiding the actual markup tags from the user

Anatomy of an HTML File

Head

- “Meta” tags, keyword, auto refresh definitions
- Page title
- Document-level script
- Document-level styles
- Base reference defining “start” of any relative references, allows for easy relocation

Tag Structure

All tags are enclosed in < >'s

< and > are reserved for markup tags

Basic Form

- <tag [attribute=value]*></Tag>, closed
- <tag [attribute=value]*>, open tag

Browsers are supposed to IGNORE unknown tags

Viewing Tags

To view the tags behind web pages, click

- View, Source *OR*
- View, Page Source

Web pages are made up of pairs of HTML tags;

- `<center></center>` OR
- `<h1></h1>`



HTML Tags

These tags create a Web page backbone.

- Starts an HTML page: `<html>`
- Inserts title bar text: `<title></title>`
- Begins Web display: `<body>`
- Centers any text: `<center></center>`
- Creates paragraphs: `<p></p>`
- Ends Web display: `</body>`
- Ends an HTML page: `</html>`

Tags in <HEAD>

<meta>

The attributes of this tag define its nature

```
<META HTTP-EQUIV="Refresh"  
CONTENT="300">
```

```
<META HTTP-EQUIV="Pragma"
CONTENT="no-cache">
```

```
<META HTTP-EQUIV="Expires"  
CONTENT="Mon, 19 Feb 2001 03:30:12  
GMT">
```

```
<META HTTP-EQUIV="Content-Type"
CONTENT="text/html; charset=iso-8859-1">
```

The <body> Tag

No required attributes

bgcolor=#RRGGBB

RR,GG,BB are Hexadecimal values representing the amount of that color

Text, href, vlink, alink

Take RGB values representing various text colors

Background = "URL"

Places a background image

Paragraph Tags

<hN></hN>, where N=1-6

- Heading tags, 1 is largest, 6 is smallest

<p></p>

- Closed tag causing a "spaced" line break

Attributes

- ALIGN="{LEFT|RIGHT|CENTER}"

- Open tag causing a line break

Character Tags

Color="#RRGGBB"

Size=[+|-]1-7 or Size=32p

<i></i>

Getting Started

Open Notepad
File|Save As Give the file a .htm name
<html>
 <head>
 <title>A Good Title</title>
 </head>
<body bgcolor="#0000C" text="#FFFFFF"
 link="#CC3333" vlink="#FFCC33"
 alink="#663333">
</body>
</html>

HTML Resources

Barebones Guide
<http://werbach.com/barebones/index.html>
Echo Echo
<http://www.echoecho.com>
