

Intro to HTML

Instructor: Brian Choc, T4T

*Please take a seat in the 2nd row.
Class is scheduled to start at 1:00.*

*If you don't have a T4T login yet,
set one up at <http://www.t4tcolorado.net/user>.*

Be sure to sign the attendance sheet!

Intro to HTML - Intro to People

- *Who are you?*
 - *What organization are you with and what is your role there?*
 - *What is your experience with web design or development?*
 - *How is your web presence handled?*
 - *What do you expect, today?*

Intro to HTML - Intro to People

- *Who am I?*
 - *Brian Choc*
 - *Teaming for Technology*
 - *Background*
 - *Presentation preferences and expectations.*

Intro to HTML - Intro to the Class

- *We aim to cover:*
 - *What HTML is and how it works*
 - *How to write basic pages*
 - *The role of editors like Dreamweaver, FrontPage, Nvu, GoLive, etc.*

Intro to HTML - Intro to the Class

This is an introductory class meant to introduce the concepts and semantics of HTML. It is aimed at beginners. This class will not make you an expert, but hopefully you will take away some solid basics.

(Are you in the right room?)

Even *More* HTML

- *Steve Kessler (Denver Dataman) is organizing a five-part series of one-hour classes on HTML.*
- *If you're interested in finding out more, email skessler@denverdataman.com*

Intro to HTML - Outline

- *Introductions (done!)*
- *What is all this stuff?*
- *HTML building blocks*
- *Formatting with Tags*
- *Linking and images*
- *Lists and Tables (time permitting)*
- *Using an HTML editor*

What is all this stuff?

- *Hyper*
- *Text*
- *Markup*
- *Language*

What is all this stuff?

- *HTML is used to create static pages*
- *Depending on what you want to do:*
 - *Server-side scripting: PHP, ASP*
 - *Client-side scripting: Javascript*
 - *Rich content: Java, Flash*
 - *Extending HTML: CSS (a must have!), XML*
- *(These are just some popular examples)*

What is all this stuff?

- *Our focus today is the basic grammar of HTML and a little vocabulary.*
- *Writing HTML by hand is good for:*
 - *Forums and online communities*
 - *Touch-ups, cleaning, and quick fixes*
 - *Impressing your friends*

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HTML building blocks

- *Markup: what are tags?*
- *Head and shoulders knees and toes*
 - `<html>`
 - `<head>`
 - `<body>`
 - `<title>`
 - `<p>`, `<h1>` ... `<h6>`, `
`

HTML building blocks

- *Tags are instructions*
- *Tags are enclosed within angle brackets*
 - >
 - <
- *Tags may have:*
 - attributes
 - contained text

HTML building blocks

- *So let's build our first webpage!*
- *You should name your file something .html or something .htm*
 - *Many servers are case-sensitive*
- *HTML should be contained within a set of HTML tags (once per page), like so:*
 - `<html> Hello world! </html>`

HTML building blocks

- *Let's add some page formatting...*
- *The head section encloses information about the page*
 - `<head> Header stuff here </head>`
- *The title will generally appear in the title bar of the browser*
 - `<title> Page Title </title>`

HTML building blocks

- *The body section encloses the content*
 - `<body> Text, pictures, etc. </body>`
- *Some formatting:*
 - `<h1>Biggest Header</h1>`
 - `<h6>Smallest Header</h6>`
 - `<p>Paragraph</p>`
 - *Line breaks:* `
` *and horizontal lines:* `<hr>`

HTML building blocks

- *Quick quiz!*

- *What will this page look like:*

```
<p>Roses are<br>red</p>
```

violets

are

blue

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Formatting with Tags

*HTML formatting is clunky without CSS.
However, CSS is beyond what we can
cover here today.*

*Remember: There is often more than one
way to accomplish something in HTML.*

Formatting with Tags

- *Making your text big and strong:*
 - `<big>Bigger text</big>`
 - `Bold text`
- *Smaller and emphasized:*
 - `<small>Smaller text</small>`
 - `Italicized text`

Formatting with Tags

- *Outdated, but just in case...*

- `<u>Underline</u>`

- `<strike>Strike out</strike>`

- `Colored`

- *Color uses Hex or RGB values, or one of these preset colors:*

- *aqua, black, blue, fuchsia, gray, green, lime, maroon, navy, olive, purple, red, silver, teal, white, and yellow.*

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Formatting with Tags

- *Who remembers this tag?*
 - `<blink>Guess what this is?!</blink>`

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Linking and Images

- *Links come in two flavors:*
 - *Relative*
 - *home/test.html*
 - */my_files/web/something.jpg*
 - *Absolute*
 - *http://www.t4tcolorado.org/home/default.asp*
 - *c:\documents\web\report.htm*

Linking and Images

- *Links mark-up text like other tags*
 - ` Text `

Linking and Images

- *We won't cover image creation. So, in short, use JPG, GIF, or PNG format.*
- *Image tags work much like links:*
 - ``
 - *Alt text is displayed when the image cannot be*

Linking and Images

- *Quick quiz!*

- *What will this page look like:*

```
<a href="http://  
www.t4tcolorado.org"></a>
```

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Lists and Tables

- *The most common types of lists are:*
 - *Ordered lists *
 1. *Numbered*
 2. ` list items `
 - *Unordered*
 - *Bullets*
 - ` list items `

Lists and Tables

- *The format for each is the same:*
 - ``
 - `List item 1`
 - `List item 2`
 - `...`
 - ``

Lists and Tables

- *Tables are made from three tags:*
 - `<table>` defines a table `</table>`
 - `<tr>` defines a row `</tr>`
 - `<td>` defines a cell `</td>`

Lists and Tables

- *These tags are nested and get messy quickly, making tables obnoxious:*

- ```
<table>
<tr>
<td>Upper Left</td>
<td>Upper Right</td>
</tr>
<tr>
<td>Lower Left</td>
<td>Lower Right</td>
</tr>
</table>
```

- *All this for a 2x2!*

# Intro to HTML - Outline

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- *Introductions (done!)*
- *What is all this stuff? (done!)*
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- *Lists and Tables (time permitting - done?)*
- *Using an HTML editor*

# Using an HTML editor

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- *Let's start with some live practice*
  - *Log in to <http://www.t4tcolorado.net/user>*
  - *Go to the Calendar, and to today's class*
  - *Add a comment*

# Using an HTML Editor

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- *There are lots of HTML editors out there.*
- *They tend to produce sloppy code.*
- *However, they make life easier and TIME IS VALUABLE!*
- *Let's try out Nvu*

# Using an HTML Editor

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- *Please don't use Word.*

# Intro to HTML - Outline

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- *What is all this stuff? (done!)*
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- *Formatting with Tags (done!)*
- *Linking and images (done!)*
- *Lists and Tables (time permitting - done?)*
- *Using an HTML editor (done!)*

# Conclusion

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- *The most important take-away today is a little knowledge about how to understand HTML - writing it by hand is truly secondary at best.*
- *Hopefully you know what you're looking at enough to Google-search for the answers you don't know.*

# Conclusion

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- *Course evaluations will be emailed out soon, please send one back - they help!*
- *I can post these slides online if anyone is interested in having them.*
- *Q & A?*