

Cpsc 216 - HTML in More Detail

2.1 HTML Document Structure

① element

- a simple HTML structure
- over 130 distinct elements in HTML
- elements are represented with tags.

② tag

→ an HTML markup instruction identified by

`<tag>`

- opening tag → beginning
- closing tag, `</tag>`, indicates the end.

`<p> Good Day. </p>`

Minimal HTML Document:

`<!DOCTYPE html>`

← specifies language!

<html lang="en">

<head>

specify character set!
⇒

<meta charset="UTF-8">

<title> MyTitle </title>

</head>

<body>

Hello World!

</body>

</html>

See ~ / chapter2 / index-template.html
- a good starting point for every
page!!

Tools:

- ① HTML Editor → used for creating/editing HTML documents.
→ Pulsar, Notepad++, Sublime, etc.

② HTML Viewer

- some editors have a previewer built in
- some editors allow to run a local server for testing purposes.

③ Investigating Within a Browser (when we don't have source code)

Chrome: View → Developer → Developer Tools

④ Validating HTML → check that the code conforms to the "HTML Living Standard"

① <https://validator.w3.org/>
W3C Markup Validator

② Within the Chrome Developer Tools !!

2.2 Basic HTML Tags

→ see html files in
the Chapter 2 folder
(paragraph, section)

2.3 Comments.

<!--

(starts a comment)

-->

(ends a comment)

2.4 Lists

→ see html files in Chapter 2

2.5 Tables (Basic)

<table>

<tr>

Row!

Header column

<th> Row 1 column 1 </th>
<th> Row 1 column 2 </th>
<th> Row 1 column 3 </th>

</tr>

Regular (Data) Column

<tr>

<th> Row 2 Column 1 </th>

<td> Row 2 Column 2 </td>

<td> Row 2 Column 3 </td>

</tr>

</table>

Notes:

① <th> ... </th> indicates a header, and is displayed in bold.

② <td> ... </td> indicates a regular column datum.

③ we can use rowspan and colspan attributes to span multiple rows / columns.

Example:

B			B
----------	--	--	----------

Alice	C
Fred	D

<table>

<tr>

<th colspan="2"> Bob </th>

<td> B </td>

</tr>

<tr>

<th> Alice </th>

<td colspan="2"> C </td>

</tr>

<tr>

<th rowspan="2"> Fred </th>

<td rowspan="2" colspan="2"> D </td>

</tr>

</table>

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