IT350 Web and Internet Programming

Fall 2005

SlideSet #6: Frames

(from Chapter 5 of the text)

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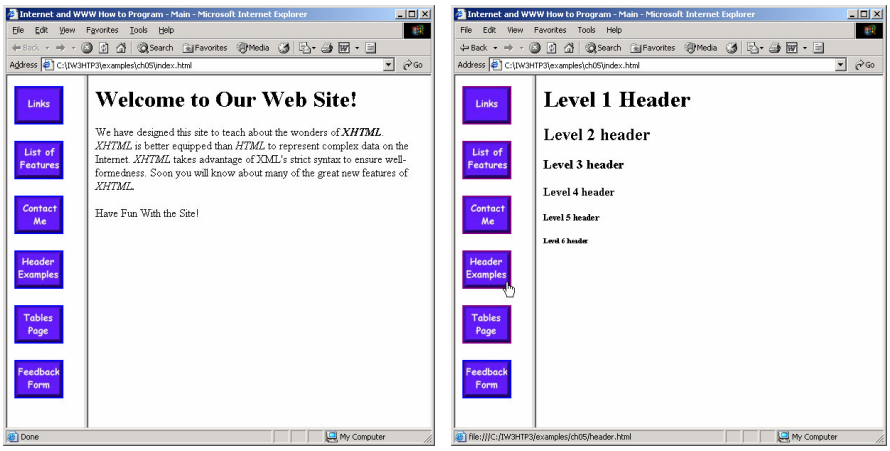
Frames Example



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Benefits of Frames

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Problems with Frames

Result: XHTML 1.1 does not support frames

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Making Pages with Frames

- Two kinds of pages
  1. "Frameset" page: A page with a <frameset> (usually the index.html page)
     DTD: must use "XHTML 1.0 Frameset"

  2. "Content" page
     DTD: must use "XHTML 1.0 Transitional"

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"Frameset" page

index.html

```
<?xml version = "1.0"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Frameset//EN"
   "http://www.w3.org/TR/xhtml1/DTD/xhtml1-frameset.dtd">

<html xmlns = "http://www.w3.org/1999/xhtml">
   <head>
      <title>Internet and WWW How to Program - Main</title>
   </head>

   <!-- the <frameset> tag sets the frame dimensions     -->
   <frameset cols = "110,*">

      <!-- frame elements specify which pages -->
      <!-- are loaded into a given frame      -->
      <frame name = "leftframe" src = "nav.html" />
      <frame name = "main" src = "main.html" />

      <noframes>  <body>
            <p>This page uses frames, but your browser does not
            support them.</p>

            <p>Please, <a href = "nav.html">follow this link to
            browse our site without frames</a>.</p>
       </body> </noframes>

   </frameset>
</html>
```

Content page

nav.html
(1 of 2)

```
1  <?xml version = "1.0"?>
2  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
3     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
4
5  <!-- Fig. 5.10: nav.html          -->
6  <!-- Using images as link anchors -->
7
8  <html xmlns = "http://www.w3.org/1999/xhtml">
9
10    <head>
11       <title>Internet and WWW How to Program - Navigation Bar
12       </title>
13    </head>
14
15    <body>
16
17       <p>
18          <a href = "links.html" target = "main">
19             <img src = "buttons/links.jpg" width = "65"
20                height = "50" alt = "Links Page" />
21          </a><br />
22
23          <a href = "list.html" target = "main">
24             <img src = "buttons/list.jpg" width = "65"
25                height = "50" alt = "List Example Page" />
```

5.10 Nested framesets

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