Using XML and XSLT in Dreamweaver

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This exercise should be completed using the files in the "beginning example" directory. You should unzip these files and then define a site with beginning example as the site root.

Exercise 1: Convert HTML to XSLT

Steps

1. Open HTML file (in Dreamweaver): **content.htm** (File > Open)

2. File > Convert > XSLT 1.0

3. Dreamweaver creates content.xsl

4. Save the page (Ctrl + S).

Exercise 2: Attach an XML Data Source

Steps

1. Open the Bindings panel (Window > Bindings)

2. Click the XML link

3. Select Attach a local file on my computer

4. Click Browse and select page_01.xml

5. Save the page (Ctrl + S).

Exercise 3: Bind the XML Data to the XSLT

Steps

1. Open content.xsl

2. Replace the X of "Page X of Y" by dragging the page/@id (page attribute called id) and replacing the text

3. Replace the Y of "Page X of Y" by dragging the course/@pagetotal and replacing the text

4. Replace the "Title" placeholder with page/@title

5. Save the page (Ctrl + S).

Exercise 4: Attach XSLT to XML

Steps

1. Open page_01.xml

2. Select Commands > Attach an XSLT Stylesheet

3. Browse to content.xsl and click OK

4. Save the page (Ctrl + S).

5. Preview the page in the browser

Exercise 5: Add a Conditional Region

Steps

1. Open content.xsl

2. Select div#textbox

3. Insert > XSLT Objects > Conditional Region

4. Enter in the test field: course/@textbox='on'

5. Save the pages (Ctrl + S).

Exercise 6: Add a Repeating Region

Steps

1. Open content.xsl

2. Replace the "Page content here" placeholder with a repeating region:

   - Select "Page content here" text

   - Click on <p> in tag selector (so the entire paragraph is selected)

   - Drag page/item and drop it on the selected text. An xsl:for-each is created.

   - Select the "Content goes here" placeholder text and apply Paragraph

3. In Code View, replace "Content goes here" with <xsl:value-of select="."/>

4. Save the page (Ctrl + S).

5. Preview page_01.xml in the browser

Exercise 7: Designate Between Paragraphs and Bullets Using CSS

Steps

1. Open content.xsl

2. Select the content in the textbox and make it an unordered list

3. Select the <ul> tag in the Tag Selector

4. Add class="{@class}" as a tag attribute

5. Save the page (Ctrl + S).

Exercise 8: Add Dynamic Links

Steps

1. Open content.xsl

2. Select the Next button then click the <a> tag in the Tag Selector

3. Click the Browse for File icon next to the Link field in the Property inspector

4. Click Data Sources

5. Select course/@next

6. Repeat with the Previous button and course/@prev

7. Save the page (Ctrl + S).

Exercise 9: Add an Image

Steps

1. Open content.xsl

2. Place the cursor in div#content

3. Insert > Image

4. Select Data Sources

5. Select course/page/media

6. Click OK

7. Save the page (Ctrl + S).

Exercise 10: Create a New XSLT page for Flash content

Note: You somehow have to deal with the active content issue in Internet Explorer in a different way than how Dreamweaver inserts the code by default. The code causes the XSLT not to work so you will need to use a different script and many are available on the web.

Steps

1. Select File > Save As

2. Name the file content2.xsl

3. Replace the Image with a Flash object

4. Select Data Sources

5. Select course/page/media

6. Click OK

7. Remove everything in the script tags and the noscript tags

8. Modify the width and height in both places: drag the media/@width and media/@height over and place in curly brackets { }.

9. Save the page (Ctrl + S).

10. Link this XSLT to page_06.xml