

Using XML and XSLT in Dreamweaver

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You Will Learn How To:

- Create Elementary XML
- Convert HTML to XSLT in Dreamweaver
- Attach XSLT to XML
- Display repeating XML elements
- Display XML elements conditionally



What Is XML?

- Extensible Markup Language
- Meta-language for constructing other languages
- Examples:
 - XHTML (eXtensible HyperText Markup Language)
 - SMIL (Synchronized Multimedia Integration Language)
 - SVG (Scalable Vector Graphics)



What Is XSLT

- Subset of XSL
- Extensible Stylesheet Language Transformation
- Transforms, not only styles (like CSS)
 - Sorts
 - Conditional Regions
 - Repeating Regions



Why XML and XSLT?

- We will transform XML into XHTML using XSLT
- Separation of:
 - Content: XML
 - Presentation: XSLT
- Same content, various devices
 - Computer
 - Print
 - Handheld device (Blackberry, Treo, iPod)



Requirements

- Browsers:
 - IE6+
 - Netscape 8+
 - Mozilla 1.8+
 - Firefox 1.0.2+



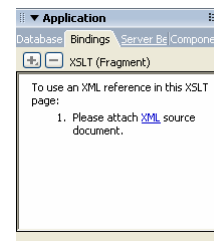
Create XML

- In Dreamweaver: [File > New > XML](#)
- Add tags (elements):
 - <course></course>
 - <page></page>
 - <item></item>
 - <media></media>
- Add attributes
 - <course title="Kup-A-Coffee Roasts">



Convert HTML to XSLT

- In Dreamweaver: File > Convert > XSLT 1.0
- Attach an XML Data Source:
 - Bindings panel
 - Click XML link
 - Select XML file



Bind XML Data to XSLT

- Drag XML data placeholders
- Ex: {course/page/@title}



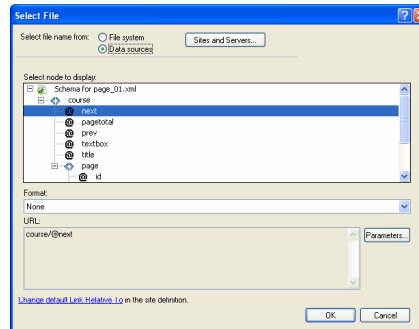
Attach XSL to XML

- Commands > Attach an XSLT Stylesheet
- Adds to XML



Logic in XSLT

- Add dynamic links
 - Code:
<a href="{course/@next}"...



Logic in XSLT

- Conditional Region
 - Insert > XSLT Objects > Conditional Region
- Repeat Region
 - Insert > XSLT Objects > Repeat Region
- Multiple Conditional Region
 - Insert > XSLT Objects > Multiple Conditional Region

Thanks!

- Questions?
- Download the step-by-step instructions and files at:
<http://www.betsybruce.com/conferences/EG2006/>