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XSLT Introduction / Intermediate

Duration: 2 Days

Overview:

XSLT (Extensible Stylesheet Language Transforms) enables you to transform XML data from one document type into other XML document types, and even into other formats such as HTML, XHTML, WML, and XQL.

Aspect Training's XSLT Introduction/Intermediate training course teaches attendees everything they need to begin using XSLT in their XML projects.

XSLT is a pseudo-programming language or scripting language used to output text which has been marked up as XML for display in a web browser or other device. It is the engine which brings the interoperability of XML to life in an online environment, and can either output XML statically or on-the-fly (dynamically).

Prerequisites:

Attendance of Aspect Training's XML Introduction/Intermediate training course or equivalent is required.

Continued over....



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Course Topics:

XSLT Basics

eXtensible Stylesheet Language
An XSLT Stylesheet
xsl:template
xsl:value-of
Whitespace and xsl:text
Output Types
Elements and Attributes
xsl:element
xsl:attribute
Attributes and Curly Brackets

XPath

XPath in XSLT
XPath Expression
XPath Terminology
Context Node
Current Node
Context Size
Proximity Position
Location Paths
Axis
Node Test
Predicate
Accessing Nodes
Abbreviated Syntax
XPath Functions
XPath Operators

Flow Control

Looping in XSLT
Sorting with XSLT
Looping and Sorting
Conditions with XSLT

XSLT Templates

xsl:apply-templates
xsl:call-template
Passing Parameters
Copying Nodes
xsl:copy
xsl:copy-of
Removing Content

Advanced Techniques

Working with Lists
Parsing Strings
Outputting Processing Instructions
Outputting CDATA Sections
Using JavaScript to Transform a Page

Multiple XML and XSLT Documents

Including XSLTs
Importing XSLTs
The document() Function

Tying It All Together

Workshop: Sharing data and transforming it for the Web