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YOUR COURSE, YOUR WAY - MORE EFFECTIVE IT TRAINING

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.

Topics:

1 - 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

2 - 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

3 - Flow Control

Looping in XSLT

Sorting with XSLT

Looping and Sorting

Conditions with XSLT

4 - XSLT Templates

xsl:apply-templates

xsl:call-template

Passing Parameters

Copying Nodes

xsl:copy

xsl:copy-of

Removing Content

5 - Advanced Techniques

Working with Lists

Parsing Strings

Outputting Processing Instructions

Outputting CDATA Sections

Using JavaScript to Transform a Page

6 - Multiple XML and XSLT Documents

Including XSLTs

Importing XSLTs

The document() Function

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