XML700 : XSL-FO

Code :   XML700   **Duration :**   2 days   **Category :**   XML
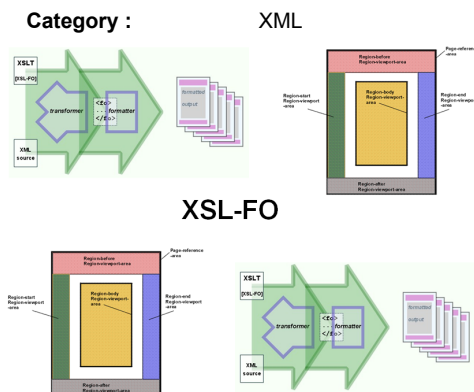
Audience :

This course is intended for designers who want to learn about the formatting of XML and layout of documents with XSL-FO.

Prerequisites :

To participate in this course basic knowledge of XML and HTML syntax is required. Experience with programming is beneficial for a good understanding.

Realization :

The subjects are discussed on the basis of presentation slides. Demos are used to clarify the treated concepts. The theory is interspersed with exercises. The course material is in English.

XSL-FO

Contents :

This is a highly practical course for developers who need to use XSL Formatting Objects to produce sophisticated screen or print output from XML source data. The role of XSLT to produce XSL-FO documents and the role of XSL-FO processors to produce other output like PDf is explained. Attention is paid to the layout master set and the different page master that can be chosen. Also the difference between static content and page flow content is discussed. The use of many elements and and attributes of the XSL-FO language is treated in detail. Both open source tools and XML Spy are used for the delivery of this course.

Module 1 : XSL-FO Intro

An XSL-Overview
XPath, XSLT and XSL-FO
The XSL-FO Processor
Output from the Processor (PDF, Postscript, RTF)
About Shorthand, Short Form and Inheritance
The Structure of an XSL-FO Document

Module 2 : Blocks and Inlines

Blocks and Inlines
Formatting Blocks
Box Model
Border
Space, Indent and Padding
Background
Formatting Text
Inline Elements
Inheritance wrapper
Creating Lists
list-block
list-item
list-item-label
list-item-body
Whitespace

Module 3 : Page Layout

About Pagination – Simple and Complex
Working with Page Sequences
Working with Areas
Area Types, Area Components
Area Positioning
Block and Inline Elements
Tables and Lists
Working with Graphics and Color
Character Properties and Fonts

Module 4 : Page Flow

Cross Document Links
Creating and Index
Creating a Table of Contents
Working with Headers
Page Layout and Flow
Stylesheet Considerations

Module 5 : Additional Content

Links and Graphics
External Links
Graphics
Internal Links
Leaders, Markers and Page Numbers
The Output
Leaders
Columns, Keeps, and Breaks
Columns
Keeps
Breaks