

Course duration

- 2 days

Course Benefits

- Learn how the Formatting Objects (FO) language works
- Learn to auto-generate FO documents from XML with XSLT
- Learn to use a Formatting Objects Engine to generate PDF documents from XML

Available Delivery Methods

Public Class

Public expert-led online training from the convenience of your home, office or anywhere with an internet connection. Guaranteed to run .

Private Class

Private classes are delivered for groups at your offices or a location of your choice.

Course Outline

1. Formatting Objects Basics
 1. The purpose of XSL-FO
 2. How XSL-FO Works
 1. XSL-FO Document Parts
 2. An XSL-FO Example
 3. The Root Element: root
 4. layout-master-set and simple-page-master
 5. Regions
 6. page-sequence
 7. flow and static-content
 8. block
 3. Static Content
 1. region-before and region-after
 2. static-content
2. Blocks and Inlines
 1. Formatting Blocks
 1. Box Model
 2. Border

- 3. Space, Indent and Padding
 - 4. Background
 - 5. A Formatting Example
 - 6. Formatting Text
- 2. Inline Elements
- 3. Inheritance
 - 1. wrapper
- 4. Creating Lists
 - 1. list-block
 - 2. list-item
 - 3. list-item-label
 - 4. list-item-body
- 5. Whitespace
- 3. Page Layout
 - 1. Page Masters
 - 2. Simple Layout
 - 1. fo:simple-page-master
 - 2. fo:region-body
 - 3. fo:region-before, fo:region-after, fo:region-start, and fo:region-end
 - 3. page-sequence-master
 - 1. Creating a Cover Page
 - 2. Odd and Even Pages
 - 4. Blank Pages
 - 1. break-before and break-after
 - 5. Columns
- 4. Links and Graphics
 - 1. External Links
 - 2. Graphics
 - 3. Internal Links
- 5. Tying It All Together: XSL-FO
 - 1. Tying it all Together
- 6. Keeps, Orphans, and Widows
 - 1. Keep Constraints
 - 1. keep-with-previous and keep-with-next
 - 2. keep-together
 - 2. Orphans and Widows
- 7. Leaders, Markers and Page Numbers
 - 1. The Output
 - 2. Table of Contents
 - 1. Page Numbering
 - 3. Leaders
 - 4. Markers
- 8. Tables
 - 1. Creating Tables
 - 1. fo:table
 - 2. fo:table-column
 - 3. fo:table-header, fo:table-body, fo:table-footer

- 4. fo:table-row
- 5. fo:table-cell
- 9. Footnotes and Floats
 - 1. Footnotes
 - 1. xsl-footnote-separator
 - 2. Floats

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience in the following *is required* for this XML class:

- XML
- XSLT

Experience in the following *would be useful* for this XML class:

- HTML

Prerequisite Courses

Courses that can help you meet these prerequisites:

- [Introduction to XML Training](#)
- [XSLT 1.0 and XPath 1.0 Training](#)
- [XSLT 2.0 and XPath 2.0 Training](#)

Follow-on Courses

- [Introduction to XML Schema](#)