

XML: An Executive Overview

Duration

1 day

Instructor

Sam Rostam

Class Limit

20 students

Prerequisite

None

Price

On-site:

Please contact SPC for pricing (contact information on page 2)

Public Training:

\$495 (2 days)

*Discount available for early registration

Materials Provided

- Student manual containing the course slides
- Student handouts with class exercises and class studies

Extensible Markup Language, better known as XML, is fast becoming the de facto business language of the Internet, the underpinning technology for Data Exchange, Application Integration and B2B/B2C Web Services.

This one-day seminar provides a comprehensive introduction to the XML. Participants will gain an understanding of the concepts of XML technology and will have the opportunity to examine dozens of demos covering many aspects of XML processing.

Upon completion of this seminar, participants will have a thorough understanding of XML technologies and concepts, including:

- History of XML and preceding technologies that lead to its creation
- Well-formed and valid XML
- Binding XML data to HTML
- XML Schema and Document Type Definitions (DTD)
- eXtensible Stylesheet Language (XSLT)
- XML Parsing with DOM & SAX
- Business-to-Business (B2B) and E-Commerce with XML
- XML Security

Intended Audience

This seminar is ideal for enterprise architects, software developers, project leaders and other roles where a broad yet solid introduction to XML is needed.



TRAINING

XML: An Executive Overview

Instructor

Sam is Sun certified as a Java Enterprise Instructor and Scalable Internet Architect and Trainer for Forte. He has taught courses at Fortune 1000 companies across North America. Most recently as a Senior Consultant at Sun Microsystems Palo Alto CA, he focused on Internet, eBusiness & Enterprise Systems Architecture in Java and Forte. Engagements included projects at Motorola, TransCanada Pipeline, Bank of America, HP, US West, Airborne Express, US Air force, GM and Applied Materials.

Sam holds certifications on adult learning and effective teaching techniques as well as Sun/iPlanet certifications on eBusiness infrastructure and systems integration using Java, LDAP and Portal. He holds an MSc from SFU and studied in a PhD program at UBC.

With over 12 years experience as a trainer, an educator, software engineer and an enterprise systems consultant, Sam brings a unique perspective for effective learning. His teaching experience includes BCIT, SFU, TechBC and UBC.

For more information on this or other SPC Springboard courses, please visit www.spcspringboard.com or e-mail SPC at info@spc.ca

Software Productivity Center
Suite 460—1122 Mainland Street
Vancouver, BC V8M 4T8
www.spc.ca

Toll Free: 1.877.548.1948 Fax: 604.689.0141
Vancouver: 604.662.8181 Toronto: 416.885.0512

Outline

Background & Introduction

- Why XML?
- Will it change the web?
- Will it change the world?

Authoring XML Documents

- Anatomy & Specification
- Well-formed document

XML vs HTML

- How do they relate?
- Will they co-exist?
- XML Binding to HTML

XML Document Structure

- Valid documents
- Document Type Definitions (DTDs)
- DTDs vs Schemas
- Namespaces

XML Document Publishing

- Using Cascading Style Sheets (CSS)
- Using XSLT
- Converting XML to HTML

Processing XML Data

- Parsing XML documents
- Standard XML parsers: DOM & SAX

Emerging XML Technologies

- B2B/B2C & E-Commerce
- SOAP, ebXML, UDDI
- Integration Servers
- XML Security



TRAINING

