

XML: Presenting & Transforming with Style Sheets, XHTML & CSS

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 (1 day)

*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 focused introduction to the XML transformation and web publishing. Participants will gain an understanding of the concepts of Stylesheets, XSL and XHTML, the future of HTML. The course will examine dozens of demos covering many aspects of XML processing.

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

- Cascading Style Sheets
- How to bind XML data to HTML
- Understand the importance of XHTML as the future of HTML
- How to use XPath for searching and navigating XML documents
- Describe the role of XSLT in XML solutions
- XSLT formatting objects and their use
- Understand the uses and benefits of XML in building Web sites
- Understand the uses and benefits of XML in distributed applications and Web Services



Intended Audience

This seminar is ideal for web designers and developers, enterprise architects and other roles where solid understanding of XML presentation and data transformation is needed.

TRAINING

XML: Presenting & Transforming with Style Sheets

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

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Outline

XML document structure

- Hierarchical structure
- Document object model

Presenting and publishing XML

- Cascading Style Sheets
- Using CSS with HTML
- Using CSS with XML

Processing XML

- The XSL processing model
- XSL templates
- Matching and filtering
- Converting XML to HTML

Document Transformation and publishing

- Writing XSL
- XML to XML transformation
- XSL formatting objects
- XML to PDF transformation

XML Usage

- On the backend server
- On the web server
- On the client



TRAINING

