



XML: An Introduction

Overview: With your HTML knowledge, you have a solid foundation for working with markup languages. However, unlike HTML, XML is more flexible, allowing you to create custom tags to store and share data across different systems. This course introduces the fundamentals of XML and its related technologies so that you can create your own markup documents.

Prerequisites: We recommend students have knowledge of Microsoft Windows Vista or Windows XP Professional. Helpful but not required: Experience with a markup language such as HTML or SGML (Web Design with XHTML, HTML and CSS: Level 1).

Course Length: One Day

Course Content

Lesson 1: Creating an XML Document

- Introduction to XML
- Create XML Elements
- Create Additional XML Components
- Implement Namespaces
- Implement XInclude

Lesson 2: Validating an XML Document

- Create a DTD
- Validate XML with a DTD
- Create a Schema
- Validate XML with a Schema

Lesson 3: Formatting and Transforming XML Documents

- Display an XML Document Using Cascading Style Sheets (CSS)
- Transform XML to XML
- Transform XML into HTML
- Create an XSL-FO Document
- Display XML Data Using XSL-FO

Lesson 4: Linking XML Documents

- Link to an External Document
- Link to External Sources Using the HTML Namespace

Lesson 5: Accessing XML Documents

- Access an XML Document Using XQuery
- Access an XML Document Using DOM
- Access an XML Document Using SAX