

Introduction to XML

- The Basics of XML
- History of Markup Languages
- Standard Generalized Markup Language (SGML)
- The Creation of XML
- Advantages of XML
- Common Data Storage
- When and when not to use XML

XML Structure

- Understanding XML File Types
- Platform Independence
- Difference between Binary and Text File types
- Anatomy of an XML Document
- XML Declaration
- Processing Instructions
- Proper Comments and Documentation
- Functional XML Documents
- Tools for Working with XML

Defining XML Content

- Understanding Entity References
- Using CDATA
- Standards for XML Grammar
- Creating Namespaces
- Exploring Data Type Definitions
- Applying Schemas

Applying XML

- Understanding the Document Object Model
- Exploring Today's Parser Choices
- MSXML and Expat
- Browser Support of XML
- XML Used in the Web Environment
- Client-Side and Server-Side Scripting
- XML in Stand-Alone Applications

Extending XML

- Applying Style with Cascading Style Sheets
- Applying XSL, XSLT and XPath to XML
- XSL Transforms XML
- E-Commerce using XML