


## XML

 Duration: 2 Days

 Available Languages: English

### Audience

Software Developers, Web Developers.

### Goals

Learn how to use the XML specification for documents and data.

### Contents

- History of XML, Differences to SGML
- Well-formed Documents
  - Document Prolog
  - Character Encodings
  - XML Versions
  - Standalone Declaration
  - Elements
  - Attributes
  - Predefined Entities
  - Text and CDATA sections
  - Processing Instructions
  - Comments
- Valid Documents
  - Document Type Declaration
  - Entities
  - Conditional Inclusion
  - Element and Attribute Declaration
  - Attribute Types
- Namespaces
  - Purpose of Namespaces
  - Namespaces in XHTML
  - Namespaces in XSLT
  - Namespaces in DTD
  - Namespaces in XML Schema

- Overview of XML-based and XML-related Technologies
  - CSS3
  - XML Schema
  - XHTML5.2
  - SVG
  - SMIL
  - MathML
  - SOAP
  - DocBook
  - DITA
  - XSLT
- Overview of Alternatives
  - TeX / LaTeX
  - PDF
  - JSON
  - REST
  - Markdown
  - CSV

## Booking

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