

Course: 375    Duration: 1.5 days

## Course Benefits

Java's unique architecture enables programmers to develop a single application that can run across multiple platforms. XML allows non-compatible systems to exchange data. Java and XML together provide a true enterprise application integration. In this course, you gain experience using Java to create and process XML documents. You also use Java to build a working prototype of a Web-based application that can generate, exchange, format and control XML.

## You will learn how to:

- Parse XML with DOM, SAX, and JAXB
- Build Java objects from XML data
- Create new XML documents using DOM, JAXB, and JDBC

## Who Should Attend

Architects, programmers, engineers, managers and those who want to exchange data via XML over networks. Knowledge of Java at the level of Course 321 - Java Programming, plus real-world Java programming experience, is assumed. This course also assumes that participants are familiar with XML at the level of Course 715 - Introduction to XML.

## Course Content

- Parsing with SAX
  - SAX Overview
  - Creating the Parser
  - Implementing the ContentHandler
  - JAXP for SAX
- Parsing with DOM
  - DOM Architecture
  - Loading the Document
  - Primary Node Types
  - Creating and Modifying XML with DOM
  - JAXP for DOM
- JAXB
  - Binding Java / XML Schema
  - Unmarshalling XML to Java
  - Marshalling Java to XML
  - Data Type Mappings

## About ActiveLearning, Inc.

**ActiveLearning** is a leading provider of open-source technology training to IT professionals and managers in the Philippines. The company develops and delivers a broad library of instructor-led courses focused on web development, operating systems, programming languages, databases, computer networks, computer and network security, object-oriented technology, and project management.