



Building J2EE Applications Course

36 Contact Hours

Target Audience

Senior developers

Prerequisites

To succeed fully in this course, attendee should be well versed in Java

Course Outline

- J2EE Overview
- J2EE server side components overview (Servlet and JSP, EJB)
- Building and running a sample web application in NetBeans
- Architecture of project files and Glassfish overview with admin console
- Servlets
- Life cycle of servlets
- Building and running a sample servlet
- Parameter passing to servlet and manipulation on server side
- Introduction to JDBC and Advanced JDBC
- Working with Data
- Working with Meta Data
- Introduction to Session Management
- Session Management techniques using Servlets
 - Using J2EE Session Management API (HttpSession)
 - Using Cookies
- Introduction to JSP
- Life Cycle of JSP
- JSP Elements
- JSP Implicit Objects
- Building and running a sample JSP
- Introduction to JAVA Collection Framework (ArrayList, Hashtable etc)
- How to use collection classes to build Shopping Cart
- Session Management in JSP
- Introduction to JSTL



- Using Built in JSTL
- Building and using Customized JSTL
- Introduction to EJB
- Building and Running a Session Bean (Intro)
- Building and Running a Message Driven Bean (Intro)
- Building and Running an Entity Bean (Intro)
- Introduction to JAVA Mail API
- Introduction to Applet
- Building and running a sample Applet
- Servlet refresher
- Introduction to Applet / Servlet communication
- Introduction to Web Services
- Building a sample Web Service
- Building a Web Service Client to use a Web Service

ENGO SOFT

