

J003 - Java2 Enterprise Edition Overview

Course Objectives

We aim to deliver a comprehensive introduction to Java Enterprise technology. Technologists will gain from demonstrations of the various Java API's, while managers and architects will gain an understanding of design issues and practicalities of J2EE development, including the use of industry standard tools.

All attendees are invited to partake in a discussion of best practice in J2EE development, and even whether J2EE is the best solution for every Java project.

Who Should Attend	Prerequisites	Duration
Analyst/Designers Analyst/Programmers Technicians IT Managers Project Managers Software Architects	PC Fundamentals Java Programming understanding	1 Day

Course Contents

J2EE Technologies Overview

Components & Containers
 N-tier Architecture
 How the container enables faster application development

J2EE Technologies Overview

Java Naming and Directory Interface (JNDI).
 Java Database Connectivity (JDBC).
 Remote Method Invocation (RMI).
 Enterprise Java Beans (EJB).
 Java Message Service (JMS).
 Servlets
 Java Server Pages (JSP).
 Oracle Containers for Java/J2EE (OC4J).
 Application deployment

Demo: Java Web Application

Using Servlets
 Using Java Server Pages (JSP)
 Using JavaBeans
 Discussion & design

Demo: EJB Application

Using Session EJB
 Using Entity EJB
 Discussion & design

Tools Support

IDE choices
 Build tools
 Testing

J2EE Architecture

J2EE design & patterns
 J2EE best practice discussion
 J2EE issues, solutions & alternatives.