

Integrated J2EE Course – 2 days



Day 1 Course Schedule

Introduction to J2EE

- Client Server architecture
- 2 Tier/3 Tier/n Tier architecture
- Web Server
- Application server

JSP and Servlets

- Different Kind of Servlet
- Servlet Life Cycle
- GET versus POST
- Different between Servlet and JSP
- Servlet Filter
- JSP implicit Object
- JSP tags/JSTL tag
- Web Application Components and Web.xml
- Web application packaging
- Web Application deployment on Web Server

EJB

- What is EJB
- Different Kind of EJB
- EJB Life Cycle
- Home/Local/Remote Interface
- JNDI
- EJB Packing
- EJB Deployment in Application Server

XML

- XML vs. HTML
- Different between XML well form ness vs. validity
- DTD and Schema
- Different purser (SAX/DOM) and their difference
- XQuery/XSLT

Summary Session



Day 2 Course Schedule

Summary session for Day 1

- Review of important concepts
- Question and Answer sessions
- Discussion

Java Messaging Service

- Different Component of JMS
- Different Type of JMS Model (P2P/Publisher Subscriber)
- Different part of Message
- Different type of Message
- Message Driven Bean

Struts and Hibernate

- MVC Architecture
- ActionServlet/ActionForm/Action
- struts-config.xml
- Struts Tag lib
- Hibernate vs. EJB
- Hibernate Configuration File
- Session vs. SessionFactory
- Hibernate Relationship

Miscellaneous Topics

- Application packaging (ANT/Maven)
- Different Command of ANT
- What is Maven, different between ANT and Maven
- J2EE design pattern (MVC/Front Controller/Intercepting Filter/Composit View)
- SOAP and Web Service

NOTE: All topics will be supported by going through relevant and adequate hands-on during the training session