

MW101 – Overview Workshop on JBoss Enterprise Middleware System (JEMS)

Duration: 1 day

Course Goals:

This 1-day workshop will introduce to participants the Architecture, key features and development environment of JBOSS Enterprise Middleware System. The workshop content will be based on presentation slides, demo and hands-on exercises. Covered Topics includes key features of JBOSS, JBOSSIDE (eclipse for JBOSS), J2EE Services (JSP, Java Servlet, JDBC, JMS, EJB and WebServices) and containers, sneak preview of JBOSS implementation of EJB 3.0.

Target Audience

- ❖ IT Professionals who are interested in JBoss/J2EE
- ❖ Application Developers who are considering adopting JBoss for their J2EE solutions
- ❖ IT Decision-Makers who wish to evaluate JBoss as a possible development platform for their organization

Prerequisites:

- ❖ Basic knowledge of J2SE Programming (J2SE)
- ❖ Basic knowledge of HTML, XML, Javascript (Preferred)

Course Content:

- ❖ Introduction to JBOSS AS – Architecture and Key features
- ❖ Quick tour of J2EE Services
- ❖ Using JBOSSIDE for
 - Web Application development
 - EJB development and deployment
 - WebServices development
- ❖ Hands-on Exercises:
 - Installation of JBOSS AS (4.x) and JBOSSIDE (1.5x)
 - Implementation and deployment of web application in JBOSS
 - Setting up JDBC DataSource and Connection Pool in JBOSS
 - Hands-on exercise with Servlet and Java Message Queue
 - Introduction to Enterprise Java Bean
 - Implementation of Web Services with JBOSS