

# JBoss Application Server



## Abstract

The JBoss Application Server is one of the leading application servers in the market.

It is open-sourced and offers many services including but not limited to: security, clustering, messaging, transactions, persistence, web services.

The course covers the architecture of the JBoss Application Server, its main components, configuration and trouble-shooting.

The course is based on JBoss Application Server v5.

## Target Audience

Java developers.

Team Leaders.

Project Managers.

## Prerequisites

Familiarity with the Java language.

Familiarity with JavaEE 5.

## Content:

### Introduction to JBoss Application Server (4 hours):

- JBoss Architecture.
- The Microcontainer.
- Directory Structure.
- Main Configuration Files.

### JBoss Services (4 hours):

- Overview on JCA and Datasources.
- Configuration of \*-ds.xml.
- Working with JBoss Naming (JNDI).
- Configuring the Web Container.
- The Invokers Architecture.



**Clustering (5 hours):**

- Cluster & Partitions.
- Load Balancing Strategies.
- Farming.
- Clustered JNDI.
- Clustered EJBs.
- Clustered JMS Destinations.

**Monitoring & Troubleshooting (3 hours):**

- Important MBeans.
- JMX Alerts.
- Logging with JBoss.

**Duration:            2 days.**