



# Hands on Training for WebSphere Portal6.x Server

Customizable instructor lead course with hands on exercises

# 1

Topics include WebSphere Portalv6.x Server with Administration. Web Content Management (WCM), portal integration technologies such as portlet services, the portal credential vault, composite applications, personalization and cooperative portlet. Choose from different topics to customize for your needs, World-class training material, Flexible Location, A Great Value for your money.

## Top Reasons for Attending our Training Engagement

### Content

The training content is structured to match your organizations specific business objectives and needs. Based on the course you choose, our training engagement topics make the attendees to completely leverage the WebSphere Portal capabilities.

### Structure

Our innovative and flexible learning approach consists of instructor-led learning methods, supplemented with hands-on exercises, mentoring including our World-class training material. You have the choice to customize your training plan by choosing from 90 different topics or use our full training engagement (See our complete course outline on page 3 of the brochure)

### Scheduling

Dates and times are set by you.

### Location

We offer flexibility of location. Training can be provided at your company site or you can choose to join us at our world class training facility in Novi, MI location.

### Collaboration

Our learning environment and approach promotes team members and encourages team to have a high degree of collaboration and teaming.

### Budget

We offer a great value for your money. If the training takes place at your own premises, you will eliminate travel costs and avoid time away from the office (Any training engagement work is done at your company site will be charged at \$1500-\$2000 per day + Actual Expenses (Unlimited attendee's if training engagement is hosted at your company site, prefer to have 6 – 8 max attendees per session for better hand holding)

## Audience

Portal Administrators, Portal Developers

## Pre-Requisites

It is assumed that the individual following this roadmap has basic skills in the following areas:

- Working knowledge of the underlying operating system platforms
- Working knowledge of Internet technologies
- Java or J2EE developer skills as required for customization
- Rational Application Developer V6, Struts, Eclipse, and rich client skills as required for customization
- Basic knowledge of application design and programming.

## Course Objective

- WebSphere Portal Architecture.
- Introduction to WebSphere Portal Server installation and Configuration with DB2 and LDAP.
- Introduction to Themes and skins (creating new theme and registering it in portal server).
- Key concepts in Administration Interface.
- Virtual Portals
- JSR 168 and JSR 286
- Development frameworks
- Introduction to Document Management / WCM / Portlet Factory / Personalization.
- Quikr / Lotus Connections / Domino Integration
- Best Practices

## Course Duration

A full-length engagement spans 2 - 5 business day. Course outline and duration can also be customized.

# 2

## Learn

Courses are designed to provide students with the knowledge and skills to Install, configure, customize and administer IBM's Portal Server. They cover the Portal server architecture, portlet API and how to write Portlets with Rational Application Developer (RAD) , Quikr, Lotus Connection, Lotus Domino integration.

### Typical Course Outline

The instructor led course includes presentations, hands-on exercises designed to help the student utilize the skills acquired. This course is designed for Administrators/programmer/analysts who implement WebSphere Portal.

#### **Course 1: Introduction of WebSphere Portal6.x Server and Programming Model.**

This program provides an overview of WebSphere portals Features and programming model using JSR168 and JSR286 API.

This course offers basic instruction, through lecture and hands-on exercises. **(5 days)**

##### **This course includes:**

- Introduction to WebSphere Portal, key concepts and benefits
- Core Objects and Programming Model
- Struts / Spring framework
- Basic Development using JSR168 & JSR 286 API
- Portlet Life Cycle
- Working with RAD for Portal Development
- Customizing Portal themes using RAD tools
- Struts based portlet development
- Java Server Faces (JSF) based portlet development
- Introduction to Web 2.0, Ajax based portlet
- Cooperative portlet Development
- Creating Portlet Services
- Virtual Portlets
- Mashup's
- Web Services for Remote Portlets
- Quikr
- Lotus Connection

#### **Course 2: WebSphere Portal6.x Server Administration**

This program covers the administration concepts of the WebSphere PortalV6.x Server including the practical knowledge. **(4 days)**

##### **This course includes:**

- WebSphere Portal Architecture.
- Introductions to Portal Architecture Patterns
- Introduction to WebSphere Portal Server installation and Configuration with DB2 and LDAP.
- Clustering, Nodes and Cell deployment
- WAS ND Administration
- Key concepts in Portal Administration Interface.
- Use of Deployment manager
- Integration with LDAP
- Integration with Domino
- Performance tuning
- Log and Audit Checks
- Day to day maintenance

#### **Course 3: Governance Model and Secure deployment of WebSphere Portals. (2 days)**

- Portal Governance Model
- This Program covers the portlet deployment, and security Concepts.
- It describes a set of best practices for writing and working with Portlets.
- Deploying a Portlets on to the server using different methodologies.
- Securing Portlets using different technologies and Best practices