

Course name : IBM WebSphere Portal V6.1 Application Development 2 – Updated

Code:	WP621
Skill level:	Intermediate
Delivery type:	Classroom (Hands-on labs) OR Instructor Led Online
Duration:	2 days
Course Type:	Public or Private on-site

Price: Call us now for pricing details at **1-630-355-6292**

Introduction:

This course is designed for experienced Java application developers who are beginning to use IBM WebSphere Portal to develop portlets that take advantage of the advanced portal oriented features of WebSphere Portal 6.1 and Rational Application Developer 7.5. They will learn through lectures, reviews of code samples, implementations of best practices and hands-on experience.

In this hands-on lab course, those who are new to WebSphere Portal leverage some of the advanced features of WebSphere Portal V6.1. Create portlet services, AJAX and Web 2.0 enabled portlets. Also, build composite applications, implement the personalization features and brand the portal.

Audience

This intermediate course is designed for new portlet application developers, integration specialists, and software architects responsible for developing solutions using IBM WebSphere Portal V6.1 and RAD 7.5.

Prerequisites

Before taking this course, you should have:

- Knowledge of portlet development equivalent to course IBM WebSphere Portal V6.1 Application Development 1 (WP611)
- Knowledge of portals and WebSphere Portal acquired through experience and/or completion of IBM WebSphere Portal V6.0 Fundamentals (WP010)

Skills taught

- Build a portlet service
- Create and implement AJAX portlets
- Create and implement Web 2.0 portlets
- Implement personalization
- Create a composite application
- Create a portal brand

Course outline

Lesson 1: Building a Portlet Service

Topic 1A: Defining a Service

- Defining Services
- Exploring the Benefits of Using Services
- Examining the Portal Service Interface

Topic 1B: Creating a Service

- Creating Portal Services
- Deploying a Service
- Testing and Updating a Service

Topic 1C: Using Services Best Practices

Lesson 2: Service Resources

Topic 2A: Defining a Resource

- Defining a Resource
- Creating Resource URLs
- Creating a Resource Serving Portlet

Topic 2B: Creating a Service

- Defining Requirements for Resource Serving Portlets
- Examining Restrictions for Resource Serving Portlets
- Investigating Use Cases for Resource Serving Portlets

Topic 2C: Using Resource Serving Portlet Best Practices

Lesson 3: Creating and Implementing AJAX and Web 2.0 Portlets

Topic 3A: Defining AJAX Architecture

- Examining the AJAX Architecture
- Exploring the Benefits of Using AJAX in the Portal Environment

- Exploring Client-Side Components
- Defining Server-Side Components



Topic 3B: Examining Rational Application Developer Tooling for AJAX

- Explore RAD 7.5 tooling for AJAX portlets

Topic 3C: Defining Web 2.0

- Defining Web 2.0
- Examining Portal 6.1 Implementations of Web 2.0
- Describing the Benefits of Using Web 2.0 in Portlet Development

Topic 3D: Creating Web 2.0 Based Portlets

- Explore RAD 7.5 tooling for developing Web 2.0 portlets

Lesson 4: Building Portlet Filters

Topic 4A: Defining Portlet Filters

- Defining a Portlet Filter
- Wrapping Request and Response Objects
- Creating a Filter
- Declaring a Filter
- Examining Filter Use Cases

Lesson 5: Implementing Personalization

Topic 5A: Defining Personalization

- Defining Personalization

Topic 5B: Implementing Personalization

- Creating Personalization Components in RAD 7.5
- Creating a Resource Collection
- Creating Personalization Rules
- Creating Content Spots

Lesson 6: Creating a Composite Application

Topic 6A: Defining a Composite Application

- Defining a Composite Application
- Examining Candidates for Composite Applications

Topic 6B: Building a Composite Application

- Creating a Composite Application Template
- Creating an Application from a Template
- Assigning Permissions to a Composite Application
- Adding a Composite Application in the Portal Hierarchy
- Exporting and Importing Application Templates

Lesson 7: Creating a Portal Brand

Topic 7A: Defining a Theme

- Defining Themes and Skins
- Preserving Internationalization Support

Topic 7B: Creating a Theme

- Examining RAD 7.5 Tooling for Building Themes
- Creating a Theme
- Deploying a Theme to the Local Test Server



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