

SW569: IBM WebSphere Portal V5.1 Application Development

3 Days / \$1,950 (plus tax on printed courseware)

Summary Description:

This course helps WebSphere Portal application developers build the skills and knowledge needed to code robust portlet applications using the portal tooling of IBM Rational Application Developer.

Prerequisites

Before taking this course, students should complete Web-based training course SW756, IBM WebSphere Portal V5.1 Fundamentals. Students should also have a strong Java programming background including development experience with J2EE.

Objectives

After completing this course, students should be able to:

- Use the development and test environment provided in IBM Rational Application Developer V6.0 to develop, test, and debug portlets and portlet applications
- Write portlets using the portlet APIs
- Use the portlet tag library to build JSPs for servicing multiple devices and global reach
- Use MVC-based frameworks, JavaServer Faces and Struts Portlet Framework to develop portlet applications
- Use other programmatic interfaces provided by WebSphere Portal V5.1 such as Portlet Services, Property Broker Service, and the Credential Vault Service

Topics Covered

- Introduction to portlets
- Portlet tooling and Rational Application Developer
- Exercise: Introduction to portlet development
- JSR 168 core objects
- JSR 168 configuration objects
- Exercise: Exploring portlet configuration
- Portlet tag library
- Multiple mark-up and device support
- Exercise: Portlet JSP tags and NLS
- Action processing
- Exercise: Handling actions in portlets
- Overview of JSF and SDO
- JSF portlet tooling
- Exercise: Building a "Faces" portlet
- Struts portlet framework
- Exercise: Migrating a Struts Web application to WebSphere Portal
- Exercise: Creating a struts portlet in Rational Application Developer V6.0
- Portlet services
- Exercise: Portlet services
- Credential Vault Service
- Cooperative portlets
- Exercise 9: Cooperative portlets
- Portal branding and tools
- Portlet best practices

Audience

This course is suitable for IBM customers, Independent Software Vendors, Systems Integrators, and IBM technical staff members, including architects and developers who implement portal solutions built on the IBM WebSphere Portal platform.

About WorkFlow Studios

WorkFlow Studios is a Premier IBM Business Partner, reseller of IBM software, and Education Center for IBM Software (ECIS).

Education Center for IBM Software (ECIS)

Our education business is driven by the recognition that the best training environment is one that creates hands-on learning opportunities that dive deep below the surface of the courseware. Our instructors are also consultants who share their expertise and experience in classroom demonstrations of real-world solutions.

Our commitment to you as a student of WorkFlow Studios is simple:

- You will learn from the best in a hands-on, first-class training environment
- We'll dive deep beyond the surface level of the courseware to share our insight and first-hand consulting experience with the topics you'll be learning
- We'll give you access to the latest and greatest technologies in our labs

WorkFlow Studios is authorized to teach the full-suite of IBM's Lotus and WebSphere brand curriculum.

Software Reseller

We are committed to helping organizations like yours establish a successful strategy for licensing software at a good value. In today's tightened economy, managing software as an asset rather than as an expense has become critical. Failing to carefully manage software assets can cost businesses several times more than the cost of the software itself. It's that simple. We understand how to make sure you get the most value for your money whether it's a new software purchase or a renewal.

Services

WorkFlow Studios delivers creative, innovative, and cost-effective IT services and solutions to support your business. Our approach to your business challenge is simple. We learn everything we can about your business, study the challenge from every angle, then propose an elegant solution designed to fit your budget, timeline, and the personality of your business. We'll follow that up with our proven experience to deliver on what we promise. Our services include:

- Application development
- System integration including Web services, EDI, host integration
- System administration and troubleshooting
- System architecture and design
- Staff mentoring
- Staff augmentation