

IBM WebSphere Portal V6.0 Application Development (WP610GB)



Course Duration: 4 days

Audience

The target audience for this course is IBM customers, Independent Software Vendors, Systems Integrators, and IBM technical staff members, including architects and developers responsible for developing solutions using IBM WebSphere Portal Version 6.

Pre-requisites

- J2EE application development skills, specifically servlet and JSP development experience.
- Basic knowledge of portals and WebSphere Portal, acquired by completing IBM WebSphere Portal Version 6.0 Fundamentals (WP010)

Objective

- Use the development environment provided in Rational Application Developer V7.0 to develop, test, and debug portlets and portlet applications
- Write portlets using the JSR 168 portlet API
- Describe the portlet life cycle and the service provided by the portlet container
- Use the portlet tag library to build JSPs for servicing multiple devices and global reach
- Work with the portlet services framework to access extended services available to portlet applications via the portlet container, including the credential service vault, the property broker, and others
- Describe Java Server Faces (JSF) and the SDO programming model
- Demonstrate branding, themes, skins, and portal development tools
- Explain how to integrate Ajax technology within WebSphere Portal

Topics to be covered:

- Overview of WebSphere Portal
- Portlet development tools
- JSR 168: Portlet API
- JSR 168: Core objects
- JSR 168: Configuration objects
- JSR 168: Tag libraries
- Action processing in portlets
- Building Faces portlets
- Portlet services
- Credential vault service
- Branding WebSphere Portal
- Property broker service
- Personalization
- Composite applications
- Integrating business practices
- SOA interaction and collaboration services
- Ajax in WebSphere Portal Server
- Portlet development best practices