

Oracle 9iR2AS Developing Portals

Course Summary

Description

This class is intended to get developers up and running with the development and deployment capabilities of Oracle 9iAS Portal. Students will create a Portal, a Portlet Provider and Portlets using portlet development kits for PL/SQL (PDK-SQL) and for Java (PDK-Java). The different APIs that enable the Portal Framework services will be covered. Students will also use the Oracle Portal 3.0 authentication model.

Topics

- Portal architecture and benefits
- Providers/portlets
- Portal development kit
- Deploying portlets with PL/SQL
- Application server and portlets
- Framework events
- Registering/deregistering a provider
- Adding portlets to a portal page
- Rendering/Removing a portlet
- Portlets in PL/SQL packages
- Portlet methods/show modes
- Provider and portlet PL/SQL packages
- Portlet parameters/multiple parameters
- Scope of portlet parameters
- Apache and mod_plsql
- Oracle Portal page processing
- Programming PL/SQL for the Web
- WebDB and the HTP and HTF packages
- HTML and PL/SQL
- WebDB vs. portlets
- Custom portlets
- Coded portlets
- Database Services vs. Web Services
- Portal Development Kits (PDKs) PDK-PL/SQL, PDK-JAVA
- Registering a provider
- Portlet record
- Portlet packages
- Portlets using PL/SQL
- Provider registration flow
- Registering providers and portlets using PL/SQL
- Security and Security APIs
- Web-based authentication
- Managing access
- Application privileges
- Secured access to portal resources.
- Security services
- PL/SQL Session Context/Storage APIs
- End-user personalization
- Preference Storage API
- Portal Errors
- Error stack
- Customizing error messages
- Raising exceptions
- Logging portlet events
- Translation services with the National Language API
- Web Service providers
- JPDK
- Portlets using Java Servlets/JSP
- provider.xml files
- Apache Jserv and Servlets/JSP's
- Cascading Style Sheets
- Third-party SSO applications

Audience

This course is designed for Developers.

Prerequisites

Students should have an understanding SQL and PL/SQL to successfully complete this class. HTML is recommended but not required.

Duration

Five days