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## **Oracle Reports Developer 10g: Move to the Web**

**Duration** 2 Days

### **What you will learn:**

Oracle Reports has maintained its position as a premier enterprise-reporting tool by keeping pace with rapid shifts in technology. As rapidly as technology has shifted, Oracle Reports has moved from character-based, to graphical-based, to client/server, and now to multi-tier Web-based development and deployment. In this course, you learn how to migrate your existing Oracle6i Reports applications to Oracle Reports 10g (10.1.2.0.2), replacing deprecated, obsolete, and changed functionality with new features.

Oracle Reports 10g takes advantage of Java Server Page (JSP) technology to deliver high quality HTML pages for Web publishing. You are introduced to JSP technology; learn how to create Web reports, and how to enhance your reports by modifying the Web source code. You learn about new features for report development and report deployment introduced since release 6i. Finally, you learn how to deploy your reports using Oracle Application Server 10g (10.1.2.0.2).

- Upgrade report applications from release 6i to release 10g
- Add dynamic report data in an existing HTML page
- Publish reports using Oracle Application Server 10g
- Create Create JSP-based Web reports
- Enhance reports using new features in Oracle Reports 10g

### **Audience:**

- Technical Consultant
- Support Engineer
- Reports Developer
- Business Intelligence Developer

### **Prerequisites:**

#### **Suggested Prerequisites:**

- Knowledge about SQL and PL/SQL

### **Course Objectives:**

- Identifying the benefits of deploying your Oracle Reports applications to the Web with Oracle Application Server 10g
- Migrating your Oracle6i Reports applications to Oracle Reports 10g

- Using Web technologies to enhance the functionality of Oracle Reports applications
- Publishing reports to the Web
- Replacing obsolete and deprecated functionality in your Reports applications
- Utilizing the new development features of Oracle Reports 10g
- Utilizing the new deployment features of OracleAS Reports Services

## **Course Topics:**

### **Why Move Reports Applications to the Web?**

- Reducing Costs
- Improving Productivity
- Increasing Accessibility
- Maintaining Support
- Publishing Enterprise Data
- Leveraging a Standards-Based Architecture
- Utilizing New Features

### **Migrating Reports Applications**

- Deprecated and Obsolete Functionality
- Migrating a Report Application
- Reports Builder User Interface Changes
- Formatting with the SRW Built-in Package
- Replacing OLE2 Objects
- Migrating Charts
- Replacing Buttons
- Referencing System Parameters

### **Developing Reports for the Web**

- What is JSP Technology?
- Building a Web Report
- JSP Tags
- Generating Output
- Adding Dynamic Content
- Customizing Reports JSPs
- Creating a Web Layout Template
- Creating a Parameter Form

### **Using New Features in Oracle Reports: Development**

- Accessing Data with Pluggable Data Sources
- Bursting on a Repeating Group
- Adding a Table of Contents

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- Using PDF in Oracle Reports
  - Inline Formatting Using HTML Tags
  - Using External Style Sheets
  - Adding a Graph to a Web Report
  - Integrating with Oracle JDeveloper

### **Deploying Reports Using OracleAS Reports Services**

- Running the Web Layout
- Running the Paper Layout
- Deploying a Report
- Using a Key Map File
- Extending Oracle Reports Functionality Using Plug-ins
- Managing and Monitoring OracleAS Reports Services
- Implementing Single Sign-On

### **Using New Features in Oracle Reports: Deployment**