Oracle BI Publisher for E-Business Suite

Course Summary

Description
Oracle BI Publisher is a template-based publishing solution available within the Oracle Business Suite, within PeopleSoft, and also in a standalone version. Students familiar with desktop tools such as Adobe Acrobat, Microsoft Excel, and Microsoft Word will learn to create and maintain their own reports via the BI Publisher architecture. Attendees will learn how to deploy and maintain a BI Publisher report in an E-Business Suite instance, either 11i or R12. This class will cover the different options available within the BI Publisher Enterprise reporting portal and how to create a BI Publisher Enterprise online reporting application from scratch.

Objectives
At the end of this course, students will be able to:

- Create BI Publisher templates
- Create and maintain reports using BI Publisher Enterprise
- Create and run reports interactively
- Schedule and deliver reports to recipients
- Explore advanced topics in BI Publisher

Topics

- Introduction to BI Publisher
- Creating BI Publisher Data Models
- Creating RTF Layout Templates Using Microsoft Word
- Creating PDF templates using Adobe Acrobat
- Disconnected Report Development
- Custom Calculations
- Report Formatting
- Crosstabs (Pivot Tables)
- Charts
- Developing Layouts with Form Fields
- Parameters and Lists of Values
- Hyperlinks
- Advanced Layout Options
- Report Distribution (Bursting and Scheduling)
- Using BI Publisher Reports in BIEE Dashboards
- Page level Calculations and Context Specific Content
- BI Publisher Analysis Tools
- Introduction to XML Reporting and Data Sets
- Oracle BI Publisher Administration
- Creating Layouts for Check Printing
- Advanced Layout Exercises
- Creating and Deploying a BI Publisher Report in E-Business Suite
- Modifying an Existing Report in E-Business Suite
- Building and Using a Data Template in E-Business Suite
- Advanced E-Business Suite Concepts

Audience

- Business Users
- Report Writers
- Oracle Database Administrators

Prerequisites
It is suggested that students have experience with the following:

- XML
- Oracle SQL
- SQL*Plus

Duration
Four days

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... to Your Success!"

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Course Outline

I. Introduction to BI Publisher
- A. Class objectives
- B. BI Publisher Architecture

II. Creating BI Publisher Data Models
- A. Describe the sample schemas used in course practices
- B. Creating a BI Publisher Report from a BI Answers Request
- C. Creating a BI Publisher Report from the Oracle Database
- D. Creating a Data Template Report
- E. Creating a BI Publisher Report from the OBIEE Subject Area
- F. Creating a Multi-Source BI Publisher Report
- G. Editing Report Properties

III. Creating RTF Layout Templates Using Microsoft Word
- A. Exploring the MS Word BI Publisher Interface
- B. Creating Table Wizard Templates
- C. Uploading (Pushing) Templates to a BI Publisher Report
- D. Creating Multiple Layouts for One Report
- E. Uploading (Pulling) Templates to a BI Publisher Report
- F. Creating Custom Tables
- G. Implementing Totals on Layouts
- H. Creating Summary Group Tables

IV. Creating PDF templates using Adobe Acrobat

V. Disconnected Report Development
- A. Exporting a Data Model
- B. Developing Layouts in Disconnected Mode

VI. Custom Calculations
- A. Row-level calculations
- B. Group-level calculations
- C. Report-level calculations

VII. Report Formatting
- A. Formatting using native Word features
- B. Conditional Formatting
- C. Creating Master Templates
- D. Applying Advanced Conditional Formatting
- E. Applying Page Breaks and Page Numbers

VIII. Crosstabs (Pivot Tables)
- A. Creating Crosstabs

IX. Charts
- A. Creating Vertical Bar Charts
  - 1. Creating Pie Charts
- B. Creating Pie Charts
- C. Exploring Chart Options

X. Developing Layouts with Form Fields
- A. Creating Two-Column Tables
- B. Creating Three-Column Tables
- C. Creating Nested Three-Column Tables

XI. Parameters and Lists of Values
- A. Duplicating Existing Reports
- B. Creating Selection Lists
- C. Creating Parameters
- D. Filtering with Parameters
- E. Creating Cascading Parameters

XII. Hyperlinks
- A. Using Hyperlinks to Drill and Navigate

XIII. Advanced Layout Options
- A. Backgrounds and Watermarks
- B. Annotating Layouts with Drawings and Shapes
- C. Table of Contents
- D. Dynamic Data Columns
- E. Batch Reporting

XIV. Report Distribution (Bursting and Scheduling)
- A. Bursting and Scheduling using a Single Layout
- B. Bursting and Scheduling using Multiple Layouts
- C. Bursting to E-mail
- D. Bursting and Scheduling Options
- E. Scheduling BI Publisher Reports
- F. Viewing saved output and history
- G. Managing scheduled reports

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Course Outline

XV. Using BI Publisher Reports in BIEE Dashboards

A. Including a BI Publisher Report in a Dashboard Page

XVI. Page level Calculations and Context Specific Content

XVII. BI Publisher Analysis Tools

XVIII. Introduction to XML Reporting and Data Sets

XIX. Oracle BI Publisher Administration

A. Security Models
B. Configure data sources, users, roles and permissions, delivery options
C. Administrative tasks
D. Defining a Report Repository
E. Configuring BI Publisher Scheduler
F. Establishing a Database Connection
G. Installing BI Publisher Desktop

XX. Creating Layouts for Check Printing

XXI. Advanced Layout Exercises

XXII. Creating and Deploying a BI Publisher Report in E-Business Suite

XXIII. Modifying an Existing Report in E-Business Suite

XXIV. Building and Using a Data Template in E-Business Suite

XXV. Advanced E-Business Suite Concepts

A. Discuss BI Publisher Bursting in E-Business Suite
B. Discuss Migrating Reports from Oracle Reports to BI Publisher

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