

Oracle iDS Reports: Build Internet Reports

What you will learn:

If you are a tech support professional, database administrator designer or application developer looking to broaden your your skills--and career options--this five-day course will put you on the path to building and running (both in client-server and on the Web) a variety of standard and custom reports using Oracle Reports 6i.

In this course students build reports and run them in client-server mode and on the Web. Working in a graphical user interface environment, students learn to retrieve, display, and format data in numerous reporting styles. They also learn to customize more complex reports, embed graphical charts, and use the Reports Server. The course covers building reports for the Web, calling Java applets, using reports administration and security.

Audience:

Reports Developer
Technical Consultant
Business Intelligence Developer

Prerequisites:

Required Prerequisites:

Develop Oracle9i: Program with PL/SQL Program Units (or equivalent TBT Library - 74026 and 74027)
Introduction to Oracle: SQL and PL/SQL, or Introduction to Oracle9i: SQL

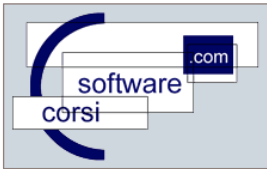
Course Objectives:

Customize more complex reports
Retrieve, display, and format data in numerous reporting styles
Call Java applets by way of using reports
Embed graphical charts
Maximize the fundamentals of administration and security
Use Reports Server

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Course Topics:

Introduction to Oracle Reports



What is Business Intelligence?
Enterprise Reporting
What is Report Builder?
Where Does Oracle Developer Fit In?
Report Builder Components
Getting Started in the Oracle Reports Interface
Customizing Your Oracle Reports Session
Introducing the Course Application

Designing and Running Reports

Designing Reports
Understanding the User Requirements
Choosing the Report Style
Retrieving and Sharing Data
Running a Report
Viewing the Report Output

Report Builder Concepts

Reports Executables
Report Builder Components
Object Categories

Creating Reports Using the Report Wizard

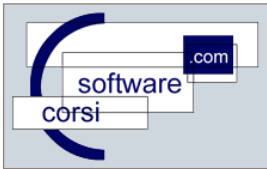
Invoking the Report Builder
Creating a Tabular Report Using the Report Wizard
Modifying a Report Using the Report Wizard
Adding Summaries
Creating Mailing Labels
Creating Letters
Web-Enabling a Report Using the Web Wizard
Publishing and Viewing a Report on the Web

Enhancing a Report in the Live Previewer

What is the Live Previewer?
Modifying a Report in the Live Previewer
Aligning Columns
Setting Format Masks
Manipulating Objects
Changing Text and Modifying Visual Attributes
Creating Format Exceptions
Inserting Page Numbers, Current Date, and Time

Managing Report Templates

The Reports Template Editor
Modifying a Predefined Template
Adding Web Links to a Template for HTML Output
Registering a Customized Template



Reports Storage Methods

- Storage Methods and Requirements
- Sharing Reports Among Developers
- Converting Between Storage Types
- Documenting Reports
- File Types and Portability

Enhancing Reports Using the Data Model: Creating Queries and Groups

- The Data Model Objects
- Changing the Group Structure
- Ordering Data in a Group Using the Break Order Property
- Eliminating Data Using Group Filters
- Adding New Data
- Linking Data from Different Queries Using a Data Link

Enhancing Reports Using the Data Model: Creating Columns

- Maintaining Database Columns
- Using a Database Column
- Creating Summary Columns
- Creating Formula Columns
- Creating Placeholder Columns

Enhancing Reports Using the Layout Model

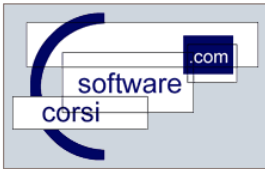
- The Three-Report Sections
- Report Bursting
- Creating a Multipanel Report for Large Sets of Data
- The Layout Model Objects
- Creating Variable-Length Vertical Lines
- Displaying a Video Clip Using a Button
- Implicit and Explicit Anchors
- Positioning One Object Relative to Another Using an Explicit Anchor

Modifying Common Layout Properties

- Web Support for Layout Objects
- Using Format Triggers
- Modifying Web Setting Properties

Modifying Specific Layout Properties

- Controlling the Print Direction of a Repeating Frame
- Controlling Pagination of a Repeating Frame
- Controlling Spacing Between Records
- Creating New Fields in the Layout and Modifying the Properties
- Creating a Link File to Display File Contents



Using Report Parameters and Customizing a Parameter Form

- Creating User Parameters
- Referencing User Parameters
- Creating Lists of Values for Parameters
- Referencing System Parameters
- Creating a Parameter Form Layout
- Customizing the Parameter Form Layout
- Creating Parameter HTML Extensions

Embedding a Chart in a Report

- Creating and Embedding a Graphics Chart Using the Chart Wizard
- Embedding an Existing Graphics Chart in a Report
- Restricting Chart Data with a User Parameter
- Passing Report Data to the Chart
- Creating Chart Hyperlinks

Enhancing Matrix Reports

- The Matrix Data Model
- The Matrix Layout Model
- Creating Matrix Summaries
- Creating a Nested Matrix Report Using the Wizards

Coding PL/SQL Triggers in Reports

- Trigger Types
- Creating Report Triggers
- Creating Data Model Triggers
- Creating Layout Model Triggers
- Writing Common Code

Building Reports for the Web

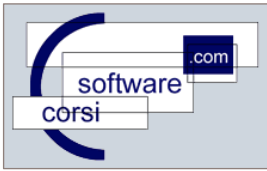
- Static Web Reporting
- Dynamic Web Reporting
- Building Web Drill-Down Reports

Using the Report Builder Built-In Package

- Contents of the Report Builder Built-in Package
- Outputting Runtime Messages
- Managing Temporary Tables
- Modifying Visual Attributes Dynamically
- Controlling the Printer Output Dynamically
- Suppressing Buttons in the Previewer Window Dynamically

Customizing Reports at Runtime

- Building Reports Using XML



Applying Runtime Customizations
Applying Batch Updates

Using the Reports Server

Why Use a Remote Server?
Reports Server Architecture and Configuration
Viewing and Scheduling Reports in the Queue Manager
Controlling User Access

Suggested Next Courses:

[Oracle iDS Forms: Build Internet Applications I](#)
[Oracle iDS Forms: Build Internet Applications II](#)