

ORACLE REPORTS DEVELOPER 6i

Duration: 3 days

Develop the skills to effectively utilize the GUI report writer to build reports

Course Description:

This lab-intensive course is designed to lead developers through the steps involved in developing a report. The course covers concepts involved in using the GUI report writer to build reports in various formats which can include buttons, multimedia and OLE2 objects.

Participants will learn...

- Reports 6 Concepts and Objects
- To use the Object Navigator
- To use the Report Painters
- OLE objects
- Basic Report Formats
- Using Build-In Packages
- Report Triggers
- Character Mode executions

Who Needs to Attend:

Application developers, designers, analysts and technical support personnel, plus those who manage projects requiring these skills.

Prerequisites:

Oracle Foundation Classes (SQL Basics & SQL Plus and PL/SQL Workshop) or familiarity with SQL and PL/SQL or [equivalent experience](#).

Course Content:

INTRO TO REPORT BUILDER

- Oracle Reports overview
- Working with Oracle reports

CREATING A TABULAR REPORT

- Creating a tabular report

USING THE OBJECT NAVIGATOR

- Understanding objects
- The Object Navigator
- Understanding the Object Navigator
- Working with object property palettes

USING THE DATA MODEL EDITOR

- Invoking the data model editor
- Understanding the data model objects
- Using the data model tools
- Customizing the painting region
- Building a data model manually
- Finishing with the report wizard

USING THE LAYOUT EDITOR – PART 1

- Using the layout model editor
- Understanding editor objects
- Using layout editor tools
- Basic report formatting
- Layout sections
- Setting object print options
- Manipulating objects

USING THE LAYOUT EDITOR – PART 2

- Setting report properties
- Controlling text spacing and alignment
- Using the drawing tools
- Importing files
- Adding linked files
- Adding OLE2 objects
- Adding buttons
- Exporting files
- Creating frames
- Anchoring objects

BUILDING ADVANCED REPORTS-PART 1

- Building mailing label reports
- Building form letter reports

BUILDING ADVANCED REPORTS-PART 2

- Building break reports
- Building master-detail reports

USER-DEFINED COLUMNS

- Creating user-defined columns
- Formula columns
- Summary columns
- Placeholder columns

BUILDING MATRIX REPORTS

- Matrix report concepts
- Creating a matrix report
- Building a matrix report
- Creating a break matrix report

USING PARAMETERS

- Parameter concepts
- The runtime parameter form
- Working with user parameters
- Validating parameters
- Creating a lexical parameter

USING PL/SQL IN REPORTS

- Understanding PL/SQL
- Pre-defined packages and exceptions
- PL/SQL functions in triggers
- Creating and attaching external PL/SQL
- PL/SQL trace and debug features

WEB REPORTING

- Creating static Web reports
- Manually generating Web report HTML files
- Viewing Web reports with a Web Browser
- Adding HTML Headers and Footers to your Web report
- Adding Bookmarks to your report
- Creating Hyperlinks
- Enabling Dynamic Web reporting

Course Labs:

1. Introduction to Report Builder
2. Creating a tabular report
3. Using the object navigator
4. Using the data model editor
5. Using the layout editor, part 1
6. Using the layout editor, part 2
7. Building advanced reports, part 1
8. Building advanced reports, part 2
9. User-defined columns
10. Matrix reports
11. Using parameters
12. Web Reporting