

O230 - Oracle 9i Reports

Course Objectives

This is a practical course covering Oracle's flagship report writing tool, Oracle 9i Reports. The course aims to cover ground level techniques necessary to understand the product, and to implement enterprise standard reports within the development business environment.

| Who Should Attend | Prerequisites | Duration |
|---|--|----------|
| Oracle Analyst/Programmers Oracle Developers Oracle DBA's Oracle Technicians | PC Fundamentals Oracle SQL Oracle PL/SQL | 4 Days |

Course Contents

Report Basics

What is Oracle Reports
Welcome to Report Builder

The Object Navigator

Object Navigator Menus
Object Navigator Toolbars
Object Navigator Structures

Building Basic Reports

Creating Reports using Wizards
Customising Reports in re-entrants mode
Understanding Wizards and side effects

Query Builder

Query Builder Tools
Building a Query using Query Builder

Data Model

Data Model Work Area
Formula Columns
Control Break Groups using Report Wizard
Control Break Groups Manually
Summary Columns using Report Wizard
Summary Columns Manually
Query Properties
Group Properties
Database Column Properties
Multiple Queries & the Additional Default Layout Tool
Query Data Links
Queries: SQL, JDBC, Text, XML
Ref Cursors

Live Previewer & Layout Model

Live Previewer Work Area
Report Formatting using Live Previewer
Layout Model Work Area
Layout Model Tools
Layout Model Menus
Report Formatting using Layout Model
Layout Object Properties
Header and Trailer Pages
Margin Page
Direct Column and Field Referencing

Report Styles

Tabular Report Style
Group Left Report Style
Form Like Report Style
Mailing Label Report Style
Form Letter Report Style
Group Above Report Style
Matrix Report Style
Matrix with Group Report Style

Templates

Template Editor Work Area
Template Data Model
PL/SQL in Templates
Group Levels in Templates
Adding Templates to Predetermined List
Report Parameters
Setting System Parameters
Creating User Parameters
Building Parameter Drop Down Lists
Parameter Form Builder
Parameter Form Formatting

PL/SQL in Reports

PL/SQL Overview
Oracle 9i Support
PL/SQL Editor
Syntax Palette
Find and Replace in PL/SQL
Report Triggers
Format Triggers
Validation Triggers
Creating Independent Program Units
Building and Using PL/SQL Libraries
SRW.Message Built-ins
SRW.Set_Field Built-ins
Conditional Formatting and SRW.Set Built-ins

Report Output and Distribution

Generating RTF Output for Word Processors
Generating Delimited Text File Output
Generating HTML Output
Generating HTML Style Sheet Output
Generating XML Output
Generating PDF Output
Setting Report Distribution Properties
Building a Report Distribution File
Distributing Report Output
Bursting to multiple destinations

Generating Reports for the Web

Creating web layout
Custom JSP report tags



COURSE OVERVIEWS

Opening an HTML document
Embedding Reports into an
HTML document

Chart Wizard
Creating Bar Charts
Different Graph Styles
Adding Charts to Reports