

O110 - Oracle 10g Forms Part 1

Course Objectives

This practical course covers the fully featured functionality found within Oracle's enterprise graphical development tool, Oracle 10g Forms.

Who Should Attend	Prerequisites	Duration
Oracle Analyst/Programmers Oracle Technicians Oracle DBA's Oracle Developers	PC Fundamentals Oracle SQL Oracle PL/SQL	5 Days

Course Contents

Introduction

Invoking Forms Builder
 Forms Development Tools
 Overview
 Property Palettes

Getting Started

Building a basic Form
 Forms Runtime Overview
 Forms object structure and Object Navigator
 Block concepts
 Block data sources
 Data Block Wizard using a stored procedure
 Layout/Chart/LOV wizard

Formatting a Form

Layout Editor
 Formatting Tools
 Visual Attributes
 Working with Frames
 Working with Canvases
 Property Classes

Multiple Block Forms

Creating forms based on multiple blocks
 Building Block Relationships
 Relationship properties

Windows and Canvases

Stacked Canvases
 Toolbar Canvases
 Tab Canvases
 Window Properties
 Items
 Check Boxes
 Radio Groups
 Primary Key Display Items
 Foreign Key Display Items

Synchronized Display Items
 Calculated Items
 Summary Items
 Retrieving Image Items
 Storing Images in the database
 Buttons
 JavaBean area

Reports

Create Report Objects based on a block
 Report Object Properties
 Run Existing Reports using Run Product
 Building Parameter Lists to Run Reports

Data Lists

List Items
 Simple LOV
 Multiple column LOV
 LOV Properties
 Populating list items with Record Groups
 Creating record groups programmatically

PL/SQL in Forms

Program Units
 PL/SQL Libraries
 Forms Triggers
 Forms Built Ins
 The Navigation Unit
 Basing a Form on a stored procedure
 Using Debug Alerts

Navigating through Form Applications

Forms Parameters

Global Variables
 Call/Open/New/Go Form

Menus

Basic Menu Modules
 Popup Menus

Control Objects & Interface

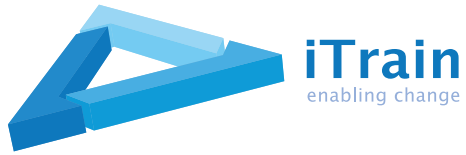
Items
 Property Palette
 Renamed Properties
 New Properties
 Prompt Orientation
 Query All Records Block
 Property
 ToolTips Property
 Calculated Fields
 Formula/Summary Calculations
 Tab Canvases
 Stacked canvas enhancements
 Frames
 Visual Attribute Enhancements
 Graphic Object Functionality
 Sound items
 Images

Forms Events & PL/SQL

Triggers
 System Variables
 Built-in Subprograms
 Dynamic SQL
 Default Keyword
 Composite Datatypes
 PL/SQL Records
 PL/SQL Tables
 Combining PL/SQL Records and Tables

Development Techniques

Smart Triggers
 Array DML Processing



COURSE OVERVIEWS

- Object Sub-classing
- Object Libraries
- Smart Classes
- Template Forms
- Building Hierarchy Trees
- PL/SQL Editor Enhancements
- Using Dynamic PL/SQL
- Using Pluggable Java
- Components (PJC's).
- Client interaction with WebUtil