

O320 - Oracle 9i Designer Part 2

Course Objectives

This practical course covers the physical implementation of the Oracle Designer logical model, developed in the Oracle 9i Designer Part 1 course.

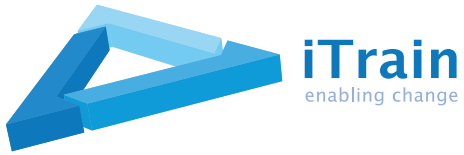
In particular, it covers the physical database design implementation together with the development and implementation of PL/SQL server side routines using the Designer 9i Design Editor tools.

Using the module specification components of the Design Editor, the course covers detailed generation techniques and also considers reverse engineering processes.

Who Should Attend	Prerequisites	Duration
Oracle Analyst/Programmers Oracle Technicians Oracle Designers	Oracle SQL Oracle PL/SQL Oracle Forms Part 1 Oracle Designer Part 1	5 Days

Course Contents

Database Transformer Introduction Database Design Transformer Transformer Dialog Tab Dialog Options Table Mappings Other Mappings Run Options Options	File Menu Edit Menu View Menu Navigator Menu Utilities Menu Generate Menu Tools Menu Options Menu Run Menu	Windows Module Components Usage Linking Usage Other Item Definitions Reusable Components Application Logic Module Diagrams Types of Usage Linking Usage Module Display Diagram Generate Default Links
Data Modelling Conversion Models to Databases and Implementation Entities Looking at Software Reality Table Naming Conventions Implementing Relationships Implementing Recursion Recursion Conversion - Indexes Implementing Sub-Types & Exclusivity Sub-Type Methods Domain Conversion Operational Issues Normalisation De-Normalisation	Server Model - Schema Introduction Domains Tables Indexes Primary Key Constraints Foreign Key Constraints Check Constraints Sequences Views Materialised Views Clusters Schema Diagrams Advanced Queues	Menus Introduction Module Structure Diagram
Design Editor Introduction Navigator and Properties General Settings Customisations	Application Transformer Introduction Application Transformer Dialog	Preferences Introduction Preferences Navigator Preference Sets Templates Forms Preferences Reports Preferences
	Modules Introduction Module Definition LOVs Navigators (Trees) Arguments	Generators Introduction Forms Generation Form Options Menu Option Compile Run Standard Other The Reports Generator



COURSE OVERVIEWS

Report Options
Using Different Layouts

Reverse Engineering

Introduction
Regeneration
Reverse Engineering
Reconciliation

Version Control

Merge
Compare
Configurations
Dependency Analysis

Schema Model - PL/SQL

Introduction
PL/SQL Development
Database Implementation
PL/SQL Development
Triggers
Table API - Examples