

Toad for Oracle

Course Summary

Description

Toad for Oracle is the only developer tool that helps you simplify your workflow, reduce code defects and improve code quality. This course may be tailored to target your specific training skills objectives, tools of choice and learning goals.

Objectives

At the end of this course, students will be able to:

- Install and configure TOAD for Oracle.
- Work with options and customizations.
- Use the core functions of the product including Schema Browser, Editor, Data Grids, Project Manager, Debugger, Search Utilities, Query Builder, Visual Object Editors, Script Manager and Community Sites.
- Manage connections to the Database.
- Navigate the Oracle Database.
- Create and alter objects..
- Manage scripts and database artifacts.
- Work with Data Grids.
- Use the Editor to build better code faster.
- Build queries visually.
- Use Toad for data management.
- Use Toad reporting.
- Use time savings utilities.

Topics

- Introduction to Toad Features
- Installation and Configuration
- Managing Database Connections
- Utilities
- Navigating the Oracle Database
- Creating and Altering Objects
- Working with Data Grids
- Building Better Code Faster
- Visual Query Building
- Data Management

Audience

This course is geared for those who want to learn about how to install and configure TOAD for Oracle and manage connections to the Database.

Prerequisites

Students should have familiar with

- Google Chrome v32 or higher
- FireFox 26 or higher
- Internet Explorer 9 or higher

Duration

Two days

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Course Outline

I. Introduction to Toad Features

- A. Help Function
- B. Release Note
- C. About ToadWorld
- D. Hands-on practice simulation to learn how to use the Help Function, Release Notes, and ToadWorld

II. Installation and Configuration

- A. How to access SupportLink to download Toad
- B. How to run the installer/installer options
- C. Explanation of user guides
- D. Hands-on practice simulation to learn how to access SupportLink to download Toad, how to run the installer/installer options, and explanation of user guides

III. Managing Database Connections

- A. How to create and configure database connections
- B. How to edit/configure the oracle client settings
- C. Hands-on practice simulation to learn how to create and configure database connections and edit/configure the oracle client settings

IV. Utilities

- A. Automation Designer
- B. Script Manager
- C. Exporting data
- D. File Control Logic
- E. Quest Script Runner
- F. Hands-on practice simulation to learn how to use Automation Designer, Script Manager, Exporting data, File Control Logic, and Quest Script Runner

V. Navigating the Oracle Database

- A. Project Manager
- B. Code Road Map
- C. ER Diagrammer
- D. Object Compare
- E. Schema Browser
- F. Hands-on practice simulation to learn how to use Project Manager, Code Road Map, ER Diagrammer, Object Compare and Schema Browser

VI. Creating and Altering Object

- A. Expanding use of Schema Browser
- B. Query Builder
- C. Working with DDL scripts
- D. Scheduling

- E. Hands-on practice simulation to learn how to use Schema Browser, Query Builder, work with DDL scripts, and using the Toad scheduler

VII. Working with Data Grids

- A. Sort/group/filter/edit/export data
- B. Generate data reports
- C. Use Automation Designer to schedule these tasks
- D. Hands-on practice simulation to learn how to Sort/group/filter/edit/export data, Generate data reports, and Use Automation Designer to schedule these tasks

VIII. Building Better Code Faster

- A. Code Snippets
- B. Executing sql scripts
- C. Viewing Explain Plans
- D. Formatter
- E. Make/strip code
- F. Sql recall
- G. Debugger
- H. Hands-on practice simulation to learn how to use Code Snippets, how to Execute sql scripts, View Explain Plans, use the Formatter, Make/strip code, use Sql recall, and use the Debugger

IX. Visual Query Building

- A. Building sql statements
- B. Reverse engineer sql statements
- C. Create where clauses
- D. Work with Bind Variables
- E. Creating joins and subqueries
- F. Populating tables with sample data
- G. Generate reports on data
- H. Hands-on practice simulation to learn how to Build sql statements, Reverse engineer sql statements, Create where clauses in your sql statements, Work with Bind Variables, Create joins and subqueries, Populate tables with sample data, and Generate reports on data

X. Data Management

- A. Importing/exporting data
- B. Use the Data duplicates wizard
- C. Compare data
- D. Generate data
- E. View and report on data
- F. Hands-on practice simulation to learn how to Import/export data, Use the Data duplicates wizard, Compare data, Generate data, and View and report on data