

Oracle Database: Develop PL/SQL Program Units

The Oracle Database: Develop PL/SQL Program Units Ed 2 course helps students enhance their skills as PL/SQL developers by learning to develop stored procedures, functions, packages, and database triggers.

Learn To

- Create triggers to solve business challenges
- Manage dependencies between PL/SQL subprograms
- Design PL/SQL code for predefined data types, local subprograms, additional pragmas and standardized constants and exceptions
- Use the compiler warnings infrastructure
- Create, use, and debug stored procedures and functions
- Design and use PL/SQL packages to group and contain related constructs
- Create overloaded package subprograms for more flexibility
- Use the Oracle supplied PL/SQL packages to generate screen output, file output, and mail output
- Write dynamic SQL for more coding flexibility
- Use conditional PL/SQL compilation and obfuscate (hide) code

Prerequisites

Suggested Prerequisite

- Familiarity with data processing concepts and techniques
- Familiarity with programming languages

Required Prerequisite

- CDT Oracle Database 12c: Introduction to SQL
- Oracle Database 12c: Introduction for Experienced SQL Users Ed 1
- Familiarity with data processing concepts and technique
- Familiarity with programming languages

Audience

- Database Administrator
- Developer
- Implementer

- Systems Administrator

Course Objectives

- Create triggers to solve business challenges
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Course Topics

- Introduction
- Working with Oracle Database Exadata Express Cloud Service
- Creating Stored Procedures
- Creating Functions and Debugging Subprograms
- Creating Packages
- Working With Packages
- Using Oracle-Supplied Packages in Application Development
- Using Dynamic SQL
- Creating Triggers
- Creating Compound, DDL, and Event Database Triggers
- Design Considerations for PL/SQL Code
- Using PL/SQL compiler
- Managing Dependencies