

PLSQL: Procedural Structured Query Language.

It is one of the comprehensive tools of the oracle that is helpful in adding the procedural language features such as

Decision making, looping, exception handling etc... to the powerful SQL.

PLSQL Programs contains 3 sections.

1)Declaration section: In this section we declare the variables ,cursors etc...

2)Executable section: In this section we do the looping, decision making and to the sq. statements...

3)Exception section: In this section we handle the exceptions raised while using the sq. statements.

Every plsql statement should be terminated with semi colon(;)...

Variable: A variable is a named location in memory to which a data can be assigned or from which the data can be read.

Variable declaration: A variable is declared in the declaration section for the process of telling the compiler,the name memory location its type and size.

Variable Declaration Syntax:

Variable_name datatype(size);

Ex: In_num number;

 Ln_flag char(1);

 Ln_msg varchar2(10000);

Assignment Operator (:=)

This operator is used to assign the value on its right to the variable on its left.

EX: In_num:= 0;

 Ln_falg:= 'N';

Plsql Reference

N Colangelo



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Oracle PL/SQL Language Pocket Reference Steven Feuerstein, Bill Pribyl, Chip Dawes, 2004-04-06 Provides quick reference information that will help you use Oracle's PL SQL language including the newest Oracle Database 10g features This is a companion to Steven Feuerstein and Bill Pribyl's Oracle PL SQL Programming **Oracle PL/SQL Language** Steven Feuerstein, Bill Pribyl, Chip Dawes, 2003 This updated edition describes features available in Oracle9i and provides a quick reference that summarizes PL SQL syntax for every developer who uses PL SQL for database programming **Oracle PL/SQL Programming** Steven Feuerstein, Bill Pribyl, 2009-09-17 This book is the definitive reference on PL SQL considered throughout the database community to be the best Oracle programming book available Like its predecessors this fifth edition of Oracle PL SQL Programming covers language fundamentals advanced coding techniques and best practices for using Oracle's powerful procedural language Thoroughly updated for Oracle Database 11g Release 2 this edition reveals new PL SQL features and provides extensive code samples ranging from simple examples to complex and complete applications in the book and on the companion website This indispensable reference for both novices and experienced Oracle programmers will help you Get PL SQL programs up and running quickly with clear instructions for executing tracing testing debugging and managing PL SQL code Optimize PL SQL performance with the aid of a brand new chapter in the fifth edition Explore datatypes conditional and sequential control statements loops exception handling security features globalization and localization issues and the PL SQL architecture Understand and use new Oracle Database 11g features including the edition based redefinition capability the function result cache the new CONTINUE statement fine grained dependency tracking sequences in PL SQL expressions supertype invocation from subtypes and enhancements to native compilation triggers and dynamic SQL Use new Oracle Database 11g tools and techniques such as PL Scope the PL SQL hierarchical profiler and the SecureFiles technology for large objects Build modular PL SQL applications using procedures functions triggers and packages **Oracle PL/SQL Language Pocket Reference** Steven Feuerstein, 2006 The third edition of this popular pocket guide provides quick reference information that will help you use Oracle's PL SQL language including the newest Oracle Database 10g features It's a companion to Steven Feuerstein and Bill Pribyl's bestselling Oracle PL SQL Programming This concise guide boils down the most vital PL SQL information into an accessible summary of fundamental language elements e.g block structure identifiers variables datatypes and declarations statements for program control cursor management and exception handling the basics of records procedures functions triggers and packages and the calling of PL SQL functions in SQL It also includes Oracle's object oriented features collections external procedures and Java integration The third edition describes such Oracle Database 10g elements as regular expressions compile time warnings more implicit conversions FORALL support for nonconsecutive indexes additional nested table functionality user defined quote characters new datatypes BINARY FLOAT and BINARY DOUBLE and enhancements to PL SQL native compilation **Oracle Database 12c**

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Advanced Plsql Programming Boobal Ganesan,2017-08 Oracle PL SQL is undoubtedly one of the most versatile and high performance yielding database languages of all time with many different methods for obtaining a single result This comprehensive guide to Oracle PL SQL will be a handy reference for all Oracle professionals who write PL SQL code in their daily life This book will direct the reader through the unused and unknown yet powerful techniques which can be used in a regular manner in application development This book takes complex technical tasks and explains them in an easily understandable method

Oracle PL/SQL Best Practices Steven Feuerstein,2001 In this book Steven Feuerstein widely recognized as one of the world s experts on the Oracle PL SQL language distills his many years of programming writing and teaching about PL SQL into a set of PL SQL language best practices rules for writing code that is readable maintainable and efficient Too often developers focus on simply writing programs that run without errors and ignore the impact of poorly written code upon both system performance and their ability and their colleagues ability to maintain that code over time Oracle PL SQL Best Practices is a concise easy to use reference to Feuerstein s recommendations for excellent PL SQL coding It answers the kinds of questions PL SQL developers most frequently ask about their code How should I format my code What naming conventions if any should I use How can I write my packages so they can be more easily maintained What is the most efficient way to query information from the database How can I get all the developers on my team to handle

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Oracle PL/SQL by Example Benjamin Rosenzweig, Elena Rakhimov, 2015-02-10 Using PL SQL for Oracle Database 12c you can build solutions that deliver unprecedented performance and efficiency in any environment including the cloud Oracle PL SQL by Example Fifth Edition teaches all the PL SQL skills you ll need through real world labs extensive examples exercises and projects Now fully updated for the newest version of PL SQL it covers everything from basic syntax and program control through the latest optimization and security enhancements Step by step you ll walk through every key task mastering today s most valuable Oracle 12c PL SQL programming techniques on your own Start by downloading projects and exercises from informit.com title 0133796787 Once you ve done an exercise the authors don t just present the answer They offer an in depth discussion introducing deeper insights and modern best practices This book s approach fully reflects the authors award winning experience teaching PL SQL to professionals at Columbia University New database developers and DBAs can use it to get productive fast experienced PL SQL programmers will find it to be a superb Oracle Database 12c solutions reference New in This Edition Updated code examples throughout Result caching of invoker s right functions for better performance Extended support for PL SQL only data types in dynamic SQL OCI and JDBC Security enhancements including ACCESSIBLE BY whitelists improved privilege control and Invisible Columns Other topics covered Mastering basic PL SQL concepts and language fundamentals and understanding SQL s role in PL SQL Using conditional and iterative program control including CONTINUE and CONTINUE WHEN Efficiently handling errors and exceptions Working with cursors and triggers including compound triggers Using stored procedures functions and packages to write modular code that other programs can run Working with collections object relational features native dynamic SQL bulk SQL and other advanced features Advanced Oracle PL/SQL Steven Feuerstein, 1996 This book expands on the techniques provided in Oracle PL SQL Programming taking readers deep into the world of PL SQL packages The book provides much more than advice and examples It comes with a disk containing a full use shareware version of PL Vision a library of dozens of packages written by the author These packages greatly accelerate the development of PL SQL based applications

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