

Introduction to DB2 LUW

Course Summary

Description

This course takes a hands-on approach to teaching DB2 SQL and application development to COBOL programmers. The course introduces relational database concepts and the DB2 features and facilities used to develop DB2 programs. Hands-on exercises reinforce course material starting on the first day.

Platform: DB2 for Linux, UNIX, Windows

Topics

- Overview
- The DB2 Environment
- SQL SELECT
- Data Definition Language

Audience

This course is designed for application developers and programmers.

Prerequisites

There are no prerequisites for this course.

Duration

One day

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Course Outline

- I. *Overview (1 hour)*
 - A. Relational terminology
 - B. SQL
 - C. Table relationships

- II. *The DB2 Environment (1 hour)*
 - A. Overview of DB2 environment
 - B. The DB2 catalog
 - C. SQL syntax

- III. *SQL SELECT (3 hours with exercises)*
 - A. Predicates
 - B. Sorting and grouping
 - C. Expressions
 - D. Summary functions
 - E. Exercises using select

- IV. *Data Definition Language (2 hours)*
 - A. Introduction to create
 - B. Alter
 - C. Drop for DB2 objects