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Developing IBM i Applications Using SQL Information

Length:	2.0 Days
__Ref:	OL38G-X
Delivery method:	ClassroomInstructor Led Online
Price:	EUR

Overview

This course is designed primarily to teach experienced IBM i RPG IV programmers how to use embedded SQL in IBM i RPG IV programs.

As a secondary purpose, you also learn to create and use simple SQL stored procedures.

Public

This intermediate course is for experienced IBM i RPG IV programmers who want to learn how to use SQL as a means to perform Input/Output (I/O) to access DB2 for i in their applications.

Prerequisites

You should complete the following courses **or** have the equivalent skills taught in these courses):

- *Accessing the IBM i Database using SQL (OL37G)*
- *Developing IBM i Applications Using SQL (OL38G)*

Objective

- Code embedded SQL statements in RPG IV programs
- Create and use of stored procedures

Topics

Unit 1. SQL review

- Lab exercise: SQL review

Unit 2. Using embedded SQL

- Introducing embedded SQL
 - Lab exercise: Change CHAIN to SELECT

- Writing programs that use embedded SQL
- Error handling
 - Lab exercise: Changing native to SQL I/O
- Using a cursor for multiple row result set
 - Lab exercise: Using a cursor
- Using embedded SQL (continued)
- Dynamic embedded SQL
 - Lab exercise: Dynamic embedded SQL

Unit 3. An overview of stored procedures

- Introducing stored procedures
- External stored procedures
 - Lab exercise: Create a stored procedure
- SQL stored procedures