

Embedded SQL and Stored Procedures for the iSeries & AS/400

This course is for the working SQL/400 and RPG programmer. It covers advanced SQL programming topics for DB2 for the iSeries and AS/400. The curriculum includes everything from syntax and rules to embedding SQL within an RPG IV program. This course will help students increase their understanding of SQL concepts on the iSeries and AS/400 and improve their programming skills.

Students will learn to use advanced features such as static and dynamic embedded SQL statements, in RPG IV programs. They will gain knowledge of SQL cursors to provide row-at-a-time retrieval and update. In addition, students will become skilled in the SQL Procedural Language to create and execute stored procedures.

Duration:

- 5 Days, Instructor-led

Prerequisite:

- Course 207: Advanced SQL/400 for the iSeries & AS/400

Topics Include:

- Introduction to Embedded SQL
- Embedded SQL Error Handling
- Static Embedded Statements
- Dynamic Embedded Statements
- Basic Elements of SQL Cursors
- Positioned Update and Delete Statements
- The Create SQL Program Commands
- SQL Communication Area
- Host Structures
- Host Structure Arrays
- SQL Procedural Language
- Client/Server applications using Embedded SQL