

RM/InstantSQL

Micro Focus® InstantSQL provides a simplified but high performance way of using popular relational databases directly from within your RM/COBOL application.

Unlike other techniques, such as embedded SQL, InstantSQL brings most of the advantages of dynamic SQL to bear without the complexity of directly calling the native database API or its ODBC counterpart. Based on ODBC, InstantSQL allows many direct ODBC functions to be called as well, for those instances where more complex functionality is desired.

Product Highlights

Business Challenge

Today's business climate includes a renewed focus on driving down costs within the IT organization. When multiple technologies are used to address a common business need there are unnecessary costs introduced into the management of those systems, building connections between them, and dealing with multiple vendors. A common area in which this is seen is data access. InstantSQL provides a simplified way of using popular, relational databases directly from within your RM/COBOL application.

Product Overview

InstantSQL provides a simplified but high performance way of using popular relational databases directly from within your RM/COBOL application. Unlike other techniques, such as embedded SQL, InstantSQL brings most of the advantages of dynamic SQL to bear without the complexity of directly calling the native database API or its ODBC counterpart. Based on ODBC, InstantSQL allows many direct ODBC functions to be called as well, for those instances where more complex functionality is desired.

Key Benefits

- Leverage the power and flexibility of SQL from COBOL
- Simplify the COBOL code needed to perform data operations
- Ability to combine the power of a native database engine with the reliability of COBOL

Key Features

InstantSQL allows easy access to databases using Structured Query Language (SQL) from RM/COBOL. InstantSQL provides SQL connectivity from RM/COBOL applications to any Open Database Connectivity (ODBC)-compliant data source, including Relativity data sources. InstantSQL is implemented at compile time with a set of copy files and at runtime with a dynamic link library (DLL) or shared object (SO).

InstantSQL provides a set of statements that can be used in an RM/COBOL application to access databases using SQL.

Connection statements

Connect and disconnect from a data source

Query statements

Query a connected data source

Advanced statements

Bind columns and parameters; transactions

Status inquiry statements

Acquire InstantSQL state information

System Requirements

- RM/COBOL v8.0 or later. ODBC version 2.0.12 or later

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Browse statements

Browse available data sources and connected data source structure

Additional Product Information

The Instant SQL runtime component is freely distributable.

Other Key Features

RM/COBOL's runtime system is the core component of a suite of products. Other solutions include:

WOW EXTENSIONS

Windows Object Workshop: WOW Extensions™ gives you an easy-to-use, integrated development environment that supports screen design, coding, compiling, and testing in a modern visual environment.

INSTANTSQL

Database Access with RM/COBOL: InstantSQL™ provides a simplified way of using popular relational databases directly from within your RM/COBOL application.

RELATIVITY

ODBC access to Micro Focus and RM/COBOL data: Relativity® allows core data from sophisticated Micro Focus or RM/COBOL applications to be re-tooled as a full-featured relational database. The data can then be joined with other disparate data and accessed by Windows-based tools seamlessly and transparently.

XCENTRISITY®

Web Server environment for your RM/COBOL applications: BIS offers application developers an opportunity to build Service Oriented Architecture (SOA) applications incorporating legacy business data and logic freely mixed with the latest web languages and tools.