



Rocket® InstantSQL

(formerly a Micro Focus® product)



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

Unlike other techniques, such as embedded SQL, Rocket 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, Rocket InstantSQL allows many direct ODBC functions to be called as well, for those instances where more complex functionality is desired.

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 Rocket RM/COBOL application.

Product overview

Rocket InstantSQL provides a simplified but high performance way of using popular relational databases directly from within your Rocket RM/COBOL application. Unlike other techniques, such as embedded SQL, Rocket 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, Rocket 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.

System requirements

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

Key features

Rocket InstantSQL allows easy access to databases using Structured Query Language (SQL) from Rocket RM/COBOL. Rocket InstantSQL provides SQL connectivity from Rocket RM/COBOL applications to any Open Database Connectivity (ODBC)-compliant data source, including Relativity data sources. Rocket 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). Rocket InstantSQL provides a set of statements that can be used in an Rocket RM/COBOL application.



Advanced statements

Bind columns and parameters; transactions.



Browse statements

Browse available data sources and connected data source structure.



Connection statements

Connect and disconnect from a data source.



Query statements

Query a connected data source.

Additional product information

The Rocket InstantSQL runtime component is freely distributable.

Other key features

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

WOW EXTENSIONS

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

RELATIVITY

ODBC Access to Rocket RM/COBOL Data: Rocket® Relativity* allows core data from sophisticated Rocket or Rocket 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.

INSTANTSQL

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

Rocket® XCENTRISTY*

Web Server Environment for your Rocket 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.

*formerly Micro Focus® products.



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