

CONNX DB Adapter for RMS

Fact sheet

The CONNX for RMS module provides secure, real-time, read/write SQL access to RMS files on the VAX, Alpha and HP® Integrity Servers running OpenVMS®. In conjunction with other CONNX modules, you can perform seamless joins between RMS and most other databases.

Join RMS with multiple data sources

In conjunction with other products in the CONNX suite, you can perform seamless joins between two or more supported disparate databases using ODBC, OLE DB, .NET and JDBC®. CONNX for RMS access is fast and efficient. With CONNX, a single metadata model can be created that spans all enterprise data sources and applications requiring data access. The result is an enterprise-wide view of data that provides a reusable, standards-based framework for information access. To the user or application, data appears as if it existed in a single federated relational database.

SQL & CONNX for RMS

The CONNX distributed SQL engine reduces the workload placed on the server by performing CPU-intensive operations where the CONNX client resides (Linux®, UNIX® or Windows®, i.e., remote desktop, web and/or application server), while allowing the database engine to perform tasks for which it is best suited. CONNX directly imports RMS metadata from COBOL copybooks or text files. CONNX supports ANSI SQL (Insert, Update, Select and Delete); group by, distinct, aggregate (AVG, MIN, MAX, SUM and COUNT); and all substring, string, date, conversion and math functions. Nested inner and outer left/right joins are supported, as well as subqueries and correlated subqueries. CONNX also supports Unions and Insert/Select.

Key features

Views

CONNX supports the creation of views, which facilitate hiding table relationships from the end user. CONNX Views facilitate the creation of heterogeneous joins between multiple disparate databases.

Data conversions

CONNX supports more than 600 data types and performs bidirectional data conversions for data updates and retrieves.

Metadata import

CONNX for RMS imports RMS metadata directly from COBOL copybooks and a CONNX Text Specification file format into a CONNX Data Dictionary file (CDD).

Compliance

Count on ODBC Full Compliance (level 2), JDBC Type 3 Driver, OLE DB 2.5 Driver, .NET 2.0 Driver and above.

Table redefinition

The CONNX Data Dictionary (CDD) supports multiple record layouts of the same RMS file, based on a "record type" field.

Security preserved and extended

The CDD provides additional field and table-level encryptable security by group or user, ensuring the security of sensitive information. CONNX also supports row level security with CONNX Views. Additionally, the CDD is encrypted to secure sensitive information.



**Take the
next step**

To learn more about CONNX, talk to your local Software AG representative or visit www.SoftwareAG.com/connx.

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