



CONNX DB ADAPTER FOR ORACLE® RDB

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

Join Oracle Rdb 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 Rdb 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 Oracle Rdb

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 Rdb 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 Oracle Rdb imports Rdb 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 supports multiple record layouts of the same Rdb file, based on a "record type" field.

Security preserved and extended

The CONNX Data Dictionary (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.

Learn more at:

www.softwareag.com/connx.

ABOUT SOFTWARE AG

Software AG (Frankfurt TecDAX: SOW) helps companies with their digital transformation. With Software AG's Digital Business Platform, companies can better interact with their customers and bring them on new 'digital' journeys, promote unique value propositions, and create new business opportunities. In the Internet of Things (IoT) market, Software AG enables enterprises to integrate, connect and manage IoT components as well as analyze data and predict future events based on Artificial Intelligence (AI). The Digital Business Platform is built on decades of uncompromising software development, IT experience and technological leadership. Software AG has more than 4,500 employees, is active in 70 countries and had revenues of €879 million in 2017. To learn more, visit www.softwareag.com.

© 2018 Software AG. All rights reserved. Software AG and all Software AG products are either trademarks or registered trademarks of Software AG. Other product and company names mentioned herein may be the trademarks of their respective owners.

2018_10_FS_CONNX_DB_Adapter_for_RDB

