



CONNX DB ADAPTER FOR CODASYL DBMS

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

Join DBMS 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 Codasyl DBMS, 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.

Codasyl & CONNX for DBMS

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.

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.

Command execution

CONNX provides an RPC (Remote Procedure Call) mechanism that allows remote execution of VMS batch jobs, command procedures and applications from a PC.

Record definition imports

CONNX imports tables directly from DBMS databases.

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 CDD supports multiple record layouts of the same DBMS file, based on a "record type" field.

Learn more at: www.softwareag.com/connx.

ABOUT SOFTWARE AG

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