



CONNX DB ADAPTER FOR POSTGRES[®]SQL

The CONNX DB Adapter for PostgreSQL[®] module provides secure, real-time, read/write access to PostgreSQL databases running on any platform, using .NET, OLE DB, ODBC or JDBC[®]. In conjunction with other CONNX modules, you can perform seamless joins between two or more supported disparate databases.

Join PostgreSQL with multiple data sources

CONNX DB Adapter for PostgreSQL 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 DB Adapter for PostgreSQL

The CONNX distributed SQL engine reduces the workload placed on the server by performing CPU-intensive operations where the CONNX client resides (Linux[®], UNIX[®] and 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 PostgreSQL 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 bi-directional data conversions for data updates and retrieves.

Metadata import

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

Occur clauses

The CONNX unique Rotated Array Technology makes manipulation of large arrays simple. CONNX accomplishes this by returning each column of the array as a separate row.

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 PostgreSQL file, based on a "record type" field.



Take the next step

Learn more at:

www.softwareag.com/connx.

ABOUT SOFTWARE AG

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