

CONNX DB Adapter for IBM® Informix

Fact sheet

The CONNX DB Adapter for IBM® Informix module provides secure, real-time, read/write access to Informix data sources on AIX®, OSF1®, HP-UX®, SCO®, Solaris®, Unisys®, UNIX® and Windows®. In conjunction with other CONNX modules, you can perform seamless joins between IBM Informix and most other databases.

Join IBM Informix 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 DB Adapter for IBM Informix 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 IBM Informix

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 Informix 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.

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 Informix 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.

Metadata import

CONNX for IBM Informix imports Informix metadata directly from COBOL copybooks and a CONNX Text Specification file format into a CDD.



**Take the
next step**

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

ABOUT SOFTWARE AG

Software AG began its journey in 1969, the year that technology helped put a man on the moon and the software industry was born. Today our infrastructure software makes a world of living connections possible. Every day, millions of lives around the world are connected by our technologies. A fluid flow of data fuels hybrid integration and the Industrial Internet of Things. By connecting applications on the ground and in cloud, businesses, governments and humanity can instantly see opportunities, make decisions and act immediately. Software AG connects the world to keep it living and thriving. For more information, visit www.softwareag.com.

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