CONNX DB Adapter for D-ISAM

The CONNX for D-ISAM module provides secure, real-time, read/write access to D-ISAM data sources on Windows, Solaris, HP-UX, AIX, Linux and other UNIX flavors. In conjunction with other CONNX modules, you can perform seamless joins between D-ISAM and most other databases.

Join D-ISAM 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 D-ISAM 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 D-ISAM

The CONNX distributed SQL engine reduces the workload placed on the server by performing CPU-intensive operations where the CONNX client resides (Unix, Linux 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 D-ISAM 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.

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 over 600 data types and performs bi-directional data conversions for data updates and retrieves.

Metadata Import

CONNX for D-ISAM imports D-ISAM metadata directly from COBOL copybooks, Powerhouse PDLs, and a CONNX Text Specification fi le format into a CONNX Data Dictionary file (CDD).

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 CONNX Data Dictionary is encrypted to secure sensitive information.

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

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 D-ISAM file, based on a "record type" field.
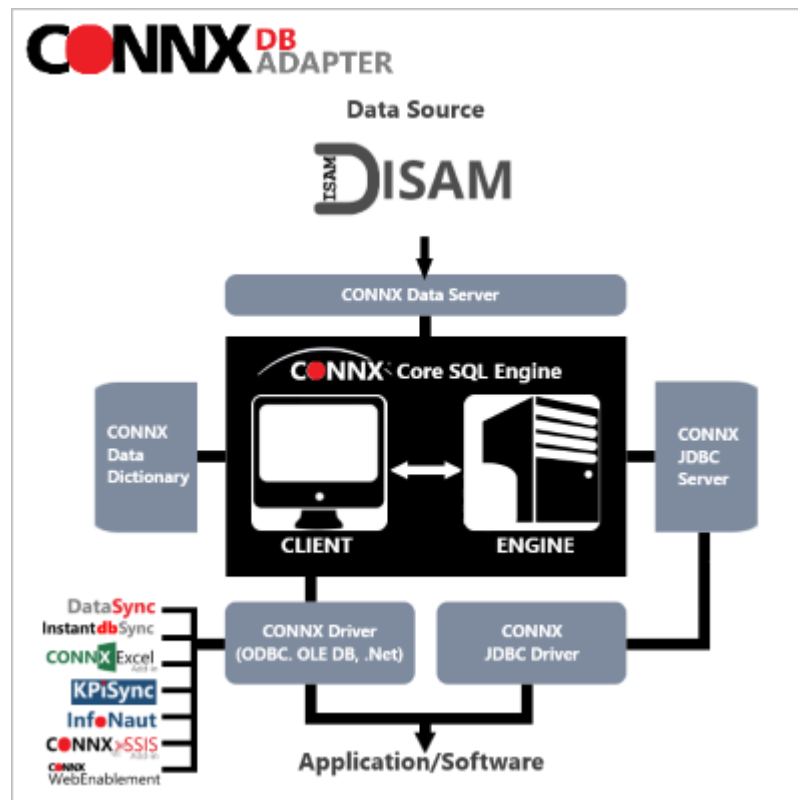
For a free Evaluation copy of CONNX, or more info, please contact a CONNX Representative at (425) 519-6600 or sales@connx.com.

Learn more About D-ISAM

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Features	Benefits
• Federate with other relational, non-relational, networked, hierarchical, object, and flat-file database information through a single, easy-to-use, SQL-based interface.	• Boosts productivity and efficiency of end users and application builders by connecting different functions within the enterprise.
• Data at your fingertips – anything from legacy data to recently added content to application information – anytime, anywhere.	• Shortens development time on projects using open standards
• A reusable standards-based framework for information access that drastically lowers the short- and long-term costs usually associated with complex enterprise data solutions.	• Improves time to market. • Provides cost-effectiveness. • Preserves initial investment.
• Access from Microsoft Windows, Unix and Linux productivity tools, database applications, and development environments.	• Enhances flexibility for database use in a multitude of OS environments and BI tools.
• Proven scalability, supporting any number of client machines.	• Enables use of open standards interfaces with investment protection.
• Compatible with any .NET- ODBC-, OLE DB-, or JDBCcompliant application.	• Minimizes resource utilization • Utilizes current infrastructures with no additional cost.
• Open-platform technology that integrates with existing systems so you can manage them with ease.	• Extends the functionality and life of existing architecture.
• Windows, Unix and Linux client support.	• Supports existing IT infrastructure at no additional cost.
• Field and record level protection.	• Provides maximum levels of data security
• Heterogeneous joins for the creation of reports that consolidate data spanning multiple data sources.	• Maintains integrity of data.
• Real-time read/write access to data.	• Enhances flexibility.
• Multiple views support. • Extensive data type conversion support. • Flexible data format and storage.	• Minimizes complexity for end users.
• Comes bundled with the CONNX InfoNaut querying and reporting tool that enables users to instantly view their data.	• Easy to install and use • Standard version of InfoNaut included with CONNX.