

CONNX Modules for Data Sources

Relational Data Sources (Sample of the 100+ Supported Databases)

CONNX At a Glance

Fast

High-speed processing
Fast Joins
Distributed query processing
Asynchronous execution

Functional

Full SQL support
Cross-platform joins
Bidirectional data conversion
Stored procedures

Adaptable

Industry standards-based
Reusable architecture
Universal SQL syntax

Easy to Use

Metadata repository

Secure

Integrated Windows NT login

Specs

Client Platforms

- ◆ Windows 2000/XP/2003/Vista/2008
- ◆ Any Java-compliant client platform

Server Platforms

- ◆ VMS
- ◆ Windows 2000/XP/2003/Vista/2008
- ◆ IBM OS/390
- ◆ IBM AS/400
- ◆ IBM OS/2
- ◆ IBM VSE
- ◆ IBM z/OS
- ◆ Unix
- ◆ Linux
- ◆ z/Linux
- ◆ AIX
- ◆ SCO
- ◆ Solaris
- ◆ HP-UX

CONNX for Rdb

CONNX for Rdb imports table definitions directly from RDB data sources and supports all RDB data types, including BLOBs and CLOBs. CONNX bypasses SQL Services, resulting in better performance. CONNX also provides an RPC mechanism that allows remote execution of batch jobs, command procedures, and applications from a PC.

CONNX for Oracle

CONNX for Oracle optimizes performance by analyzing SQL statements to determine if they can be directly passed to the target database. Support is available for the invocation of compiled Oracle stored procedures and functions within Oracle packages. Oracle RDBMS is supported on all platforms, version 7.3 and above. CONNX for Oracle uses SQLNet 2.x and above. CONNX also supports Oracle heterogeneous services.

CONNX for SQL Server

CONNX for SQL Server supports full access to OLE DB- or ODBC-enabled SQL Server data sources, allowing one or many SQL Server data sources and other supported CONNX data sources to be presented as a single relational data source. Table and view definitions are imported directly from SQL Server data sources. CONNX fully supports SQL Server "Linked Server" technology.

CONNX for DB2

CONNX for DB2 is an ODBC 3.x driver implemented as a DRDA (Distributed Relational Database Access) Application Requester (AR). The DRDA datastream is an X/Open standard for relational data retrieval and representation. Via the DRDA AR functionality, CONNX for DB2 implements a 'one-size fits-all' solution, which supports access to

a bundled host component (The DRDA Application Server) for the following platforms:

- ◆ IBM DATABASE 2 MVS (DB2 for MVS/ESA versions 2.3 through 4.1)
- ◆ IBM DATABASE 2 for OS/390 (Version 5.1 and above)
- ◆ IBM DATABASE 2 OS/400 (DB2 for OS/400, versions 2.3 and above)
- ◆ IBM DB2 Universal Database Enterprise and Extended Enterprise Editions versions 5.x , 6.x and 7.x for OS/2, Windows NT and 2000 Server, Linux, and AIX / RS/6000

CONNX for Informix

CONNX for Informix supports full access to OLE DB- or ODBC-enabled Informix data sources, allowing one or many Informix data sources and other supported CONNX data sources to be presented as a single relational data source. Table and view definitions are imported directly from Informix data sources.

CONNX for Sybase

CONNX for Sybase supports full access to OLE DB- or ODBC-enabled Sybase data sources, allowing one or many Sybase data sources and other supported CONNX data sources to be presented as a single relational data source. Table and view definitions are imported directly from Sybase data sources.

CONNX for PostgreSQL

CONNX for PostgreSQL supports full access to OLE DB- or ODBC-enabled Sybase data sources, allowing one or many PostgreSQL data sources and other supported CONNX data sources to be presented as a single relational data source. Table and view definitions are imported directly from PostgreSQL data sources.

CONNX Modules for Data Sources

Non-Relational Data Sources (Sample of the 100+ Supported Databases)

Specs

Compliance

ODBC Level 2 Compliant
ODBC 3.51 Driver
JDBC Type 3 Driver
.NET 1.1 Driver

Compatibility

CONNX is fully interoperable with thousands of OLE DB, ODBC, JDBC, and .NET compliant applications including:

- ◆ Microsoft Office (Access, Word, Excel, and MS Query)
- ◆ Crystal Reports
- ◆ Cognos Impromptu
- ◆ Decision Stream
- ◆ Oracle Designer
- ◆ Developer,
- ◆ Microsoft Internet Information Server
- ◆ Business Objects
- ◆ Microsoft Studio (VB, VC++, Inter-Dev)
- ◆ PowerBuilder
- ◆ Delphi
- ◆ Lotus Approach
- ◆ Others

Fully compatible with Microsoft Host Integration Server (HIS) and Data Transformation Services (DTS)

CONNX for Adabas

CONNX for Adabas imports Predict data dictionaries and Natural DDMs into the CONNX Data Dictionary, providing access to long field names and enabling the creation of reports. CONNX extends ANSI 92 SQL support to Adabas data, and provides session management, caching capabilities, code page support for multiple languages, and conditional formatting. It is currently available for OS/390, z/OS, and Windows operating systems, with Unix and Linux.

CONNX for RMS

CONNX for RMS supports rotated arrays, which simplifies the use of large arrays (sometimes called Occurs clauses). CONNX accomplishes this by returning each column of the array as a separate row. The CONNX Data Dictionary offers support for multiple record layouts of the same RMS file, based on a "record type" field. Data sources can be imported manually or directly from VAX BASIC, COBOL FD (File Definition) files, Digital Common Data Dictionaries, DIBOL, SCT, Powerhouse PDL, and for matted RMS text files. Over three hundred VAX/ALPHA data types are supported. CONNX supports redefines of both key and non-key areas of RMS files.

CONNX for VSAM

CONNX for VSAM can access VSAM files defined to and managed by an OS/390 / z/OS CICS region, or by a VSE CICS partition. CONNX for VSAM / QSAM / PDS provides access to VSAM, QSAM, and partitioned data set files residing on OS/390 / z/OS platforms. Metadata can be imported from COBOL FD (File Definition) copybooks or from text files. CONNX supports SCT COBOL FDs and rotated arrays. Connectivity is provided via TCP/IP sockets. CONNX supports COBOL REDEFINES of both key and non-key VSAM fields.

CONNX for IMS

CONNX for IMS imports metadata directly from PSBs and DBDs to the CONNX Data Dictionary. Lists automatically populate, only requiring the user to select the necessary PSB and DBDs. Metadata is automatically imported. Importing databases takes typically 15 minutes or less.

C-ISAM, D-ISAM, and Microfocus

CONNX for C-ISAM, DISAM, and Micro Focus works with any SQL-based OLE DB- or ODBC-compliant application. CONNX has a native server component

that runs on HP-UX, Solaris, Unix, SCO, AIX, Linux, and Windows systems. Metadata can be imported manually or directly from COBOL FD (File Definition) files, Powerhouse PDL files, or text files. CONNX also supports redefines of both key and non-key areas of C-ISAM, D-ISAM, and Micro Focus files.

CONNX for Dataflex

CONNX for DataFlex imports tables directly from the data source files, so there is no need for auxiliary source files. The filelist.cfg file is bypassed by CONNX for DataFlex so that unlimited numbers of files can be imported and accessed. CONNX supports all DataFlex data types, including overlay fields.

CONNX for POWERflex

CONNX for PowerFlex imports tables directly from the data source files, so there is no need for auxiliary source files. The filelist.cfg file is bypassed by CONNX for PowerFlex so that unlimited numbers of files can be imported and accessed. CONNX supports all PowerFlex data types, including overlay fields.

CONNX for DBMS

CONNX for DBMS imports table definitions directly from DBMS data sources and supports all DBMS data types. CONNX for DBMS takes advantage of set relationships between parent and child objects and can traverse sets forward and backward, which makes access to set relationships simple through the use of virtual fields. CONNX also provides an RPC mechanism that allows remote execution of batch jobs, command procedures, and applications from a PC.

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