

CONNX Desktop Adapter

The CONNX Desktop Adapter module provides secure, real-time, read/write access to desktop databases such as MS Access, FoxPro, dBase, Lotus Approach and Paradox, as well as read access to document files such as MS Excel and delimited text files, enabling them to be integrated with other CONNX-supported enterprise data sources.

Compliance

ODBC Level 2 Compliant.
ODBC 3.51 Driver.
JDBC Type 3 Driver
OLE DB 2.5 Driver
.NET 1.1 Driver

Join the CONNX Desktop Adapter 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. Access with the CONNX Desktop Adapter 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 and the CONNX Desktop Adapter

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 400 data types, including BLOBs and CLOBs, and performs bi-directional data conversions for data updates and retrieves.

Popular Program Access

As with all databases supported by CONNX, the CONNX Desktop Adapter has been tested with Microsoft Access, Microsoft Excel, Microsoft Visual Studio, including Visual Basic/C++, etc., Delphi, PowerBuilder, Impromptu, ReportNET, Lotus Approach, Crystal Reports and vendors such as Cognos and Business Objects. CONNX also supports ADO and ASP.NET (Active Server Pages) and JDBC is used with Websphere and Apache Tomcat.

Security Preserved and Extended

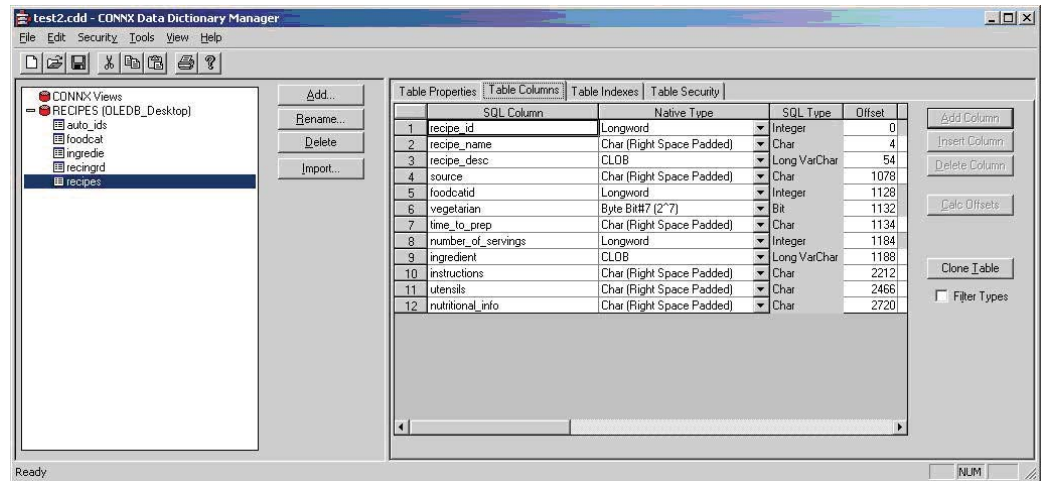
The CONNX CDD provides additional field and table-level encryptable security by group or user, ensuring the security of sensitive information. CONNX also supports row level security with CONNX Views. Additionally, the CONNX Data Dictionary is encrypted to secure sensitive information.

CONNX Desktop Adapter

Features	Benefits
<ul style="list-style-type: none"> ▶ Federate with other relational, non-relational, networked, hierarchical, object, and flat-file database information through a single, easy-to-use, SQL-based interface. ▶ Data at your fingertips – anything from legacy data to recently added content to application information – anytime, anywhere. ▶ A reusable standards-based framework for information access that drastically lowers the short- and long-term costs usually associated with complex enterprise data solutions. 	<ul style="list-style-type: none"> ▶ Boosts productivity and efficiency of end users and application builders by connecting different functions within the enterprise. ▶ Shortens development time on projects using open standards. ▶ Improves time to market. ▶ Provides cost-effectiveness. ▶ Preserves initial investment.
<ul style="list-style-type: none"> ▶ Access from Microsoft Windows, Unix and Linux productivity tools, database applications, and development environments (VB.NET, C# and JDBC) that are used with Websphere, Apache Tomcat. 	<ul style="list-style-type: none"> ▶ Enhances flexibility.
<ul style="list-style-type: none"> ▶ Proven scalability, supporting any number of client machines. ▶ Compatible with any .NET- ODBC-, OLE DB-, or JDBC-compliant application. 	<ul style="list-style-type: none"> ▶ Enables use of open standards interfaces with investment protection. ▶ Minimizes resource utilization. ▶ Utilizes current infrastructures with no additional cost.
<ul style="list-style-type: none"> ▶ Open-platform technology that integrates with existing systems so you can manage them with ease. 	<ul style="list-style-type: none"> ▶ Extends the functionality and life of existing architecture. ▶ Preserves investments.
<ul style="list-style-type: none"> ▶ Windows, Unix and Linux client support. 	<ul style="list-style-type: none"> ▶ Supports existing IT infrastructure at no additional cost. ▶ Eliminates staff re-training.
<ul style="list-style-type: none"> ▶ Field and record level protection. ▶ Thread-safe support for multi-threaded applications. 	<ul style="list-style-type: none"> ▶ Provides maximum levels of data security.
<ul style="list-style-type: none"> ▶ Heterogeneous joins for the creation of reports that consolidate data spanning multiple data sources. 	<ul style="list-style-type: none"> ▶ Maintains integrity of data.
<ul style="list-style-type: none"> ▶ Real-time read/write access to Desktop databases. 	<ul style="list-style-type: none"> ▶ Enhances flexibility.
<ul style="list-style-type: none"> ▶ Multiple views support. ▶ Extensive data type conversion support. ▶ Flexible data format and storage. 	<ul style="list-style-type: none"> ▶ Minimizes complexity for end users.
<ul style="list-style-type: none"> ▶ Comes bundled with the CONNX InfoNaut querying and reporting tool that enables users to instantly view their data. 	<ul style="list-style-type: none"> ▶ Easy to install and use.

CONNX Desktop Adapter

CONNX Data Dictionary Manager



The screenshot shows the CONNX Data Dictionary Manager interface. On the left, a tree view shows the database structure under 'CONNX Views' and 'RECIPES (OLEDB Desktop)'. The 'recipes' table is selected. The main window displays the 'Table Properties' tab, which includes a table with columns for SQL Column, Native Type, SQL Type, and Offset. The table contains 12 rows of data for the 'recipes' table.

	SQL Column	Native Type	SQL Type	Offset
1	recipe_id	Longword	Integer	0
2	recipe_name	Char (Right Space Padded)	Char	4
3	recipe_desc	CLDB	Long VarChar	54
4	source	Char (Right Space Padded)	Char	1078
5	foodcatid	Longword	Integer	1128
6	vegetarian	Byte Bit#7 (2^7)	Bit	1132
7	time_to_prep	Char (Right Space Padded)	Char	1134
8	number_of_servings	Longword	Integer	1184
9	ingredient	CLDB	Long VarChar	1188
10	instructions	Char (Right Space Padded)	Char	2212
11	utensils	Char (Right Space Padded)	Char	2466
12	nutritional_info	Char (Right Space Padded)	Char	2720

CONNX Solutions, Inc.
2039 152nd Avenue NE, Redmond, WA 98052
Toll Free: 1.888.88.CONNX Tel: 425.519.6600
sales@connx.com
www.connx.com

All trademarks, registered trademarks, product names, and company names mentioned herein are acknowledged as the property of their respective owners.