

CONNX for Adabas Software AG's Adabas SQL Gateway OS/390, z/OS, VSE, z/Linux, Linux, Solaris, HP-UX, AIX and Windows

The CONNX Adabas Module provides secure, real-time, read/write, SQL access to Adabas data sources on OS/390, z/OS, VSE, z/Linux, Linux, Solaris, HP-UX, AIX and Windows Operating Systems via .NET, ODBC, OLE DB, and JDBC with connectivity through TCP/IP.

Compliance

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

Join Adabas 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 Adabas 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 and CONNX for Adabas

The CONNX distributed SQL engine reduces the workload placed on the mainframe 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 supports ANSI SQL (Insert, Update, Select, and Delete); group by, distinct, aggregate (AVG, MIN, MAX, SUM, and COUNT), and all substrng, 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 and performs bi-directional data conversions for data updates and retrievals, including Natural dates and packed fields.

Multiple Record Definition Imports

CONNX for Adabas imports Predict data dictionaries/Natural DDMs through a SYSTRANS extract into the CONNX Data Dictionary, providing access to Adabas long field names and enabling the creation of reports using any of a number of standard reporting tools. CONNX for Adabas also imports Adabas metadata directly from Dynamic DDL and FDT into a CONNX Data Dictionary file (CDD). CONNX creates virtual tables to represent MU (multi-value) and PEs (periodic groups), placing a relational model on the Adabas data. CONNX allows the use of special version create table SQL grammar to describe the table layout.

Popular Program Access

As with all databases supported by CONNX, CONNX for Adabas 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 for Adabas 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.

Support of Natural Record Layouts

The CONNX Data Dictionary supports multiple record layouts as produced by Natural.

Session Management Features

All CONNX for Adabas users can be viewed at a glance. CONNX provides the ability to stop queries that are taking longer than expected.

Code Page Support

CONNX works with Adabas data stored in different language code pages.

Support for ENTIRENETWORK

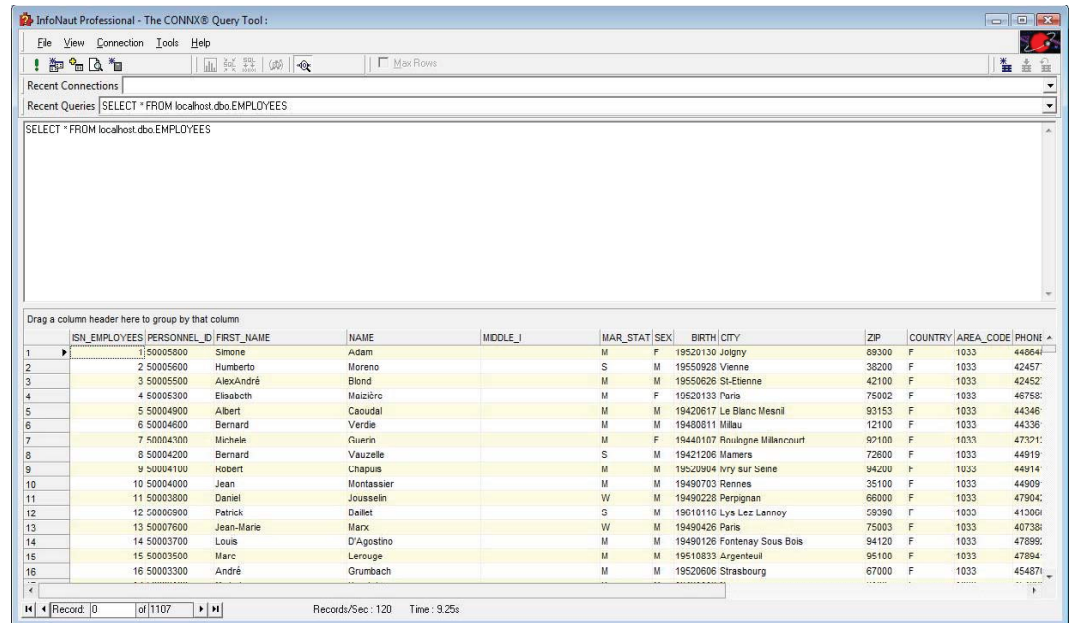
CONNX offers ENTIRENETWORK support for CONNX for Adabas.

CONNX for Adabas

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 Adabas data. 	<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 for Adabas

CONNX Data Dictionary Manager



InfoNaut Professional - The CONNX® Query Tool

Recent Connections

Recent Queries | SELECT * FROM localhost.dbo.EMPLOYEES

SELECT * FROM localhost.dbo.EMPLOYEES

Drag a column header here to group by that column

	ISN_EMPLOYEES	PERSONNEL_ID	FIRST_NAME	NAME	MIDDLE_I	MAR_STAT	SEX	BIRTH	CITY	ZIP	COUNTRY	AREA_CODE	PHONE
1		150005800	Simone	Adam		M	F	19520130	Joigny	89300	F	1033	44864
2		250005800	Humberto	Mariano		S	M	19550928	Vienne	38200	F	1033	42457
3		350005500	AlexAndré	Blond		M	M	19550628	St-Etienne	42100	F	1033	42452
4		450006300	Elisabeth	Maizière		M	F	19520133	Naro	75002	F	1033	46758
5		550004900	Albert	Caoudal		M	M	19420617	Le Blanc Mesnil	93153	F	1033	44346
6		650004600	Bernard	Verdie		M	M	19480811	Millau	12100	F	1033	44336
7		750004300	Michelle	Guerin		M	F	19440107	Ruicigne Milancourt	92100	F	1033	47321
8		850004200	Bernard	Vauzelle		S	M	19421206	Mamers	72800	F	1033	44919
9		950004100	Hobert	Chapus		M	M	19520904	Ivry sur Seine	94200	F	1033	44914
10		1050004000	Jean	Montassier		M	M	19490703	Rennes	35100	F	1033	44909
11		1150003800	Daniel	Jousselin		W	M	19490228	Perpignan	66000	F	1033	47904
12		1250000800	Patrick	Dallet		S	M	19010110	Lys Lez Lennoy	59390	F	1033	41200
13		1350007800	Jean-Marie	Marx		W	M	19490426	Paris	75003	F	1033	40738
14		1450003700	Louis	D'Agostino		M	M	19490126	Fontenay Sous Bois	94120	F	1033	47895
15		1550003500	Marc	Lerouge		M	M	19510833	Argenteuil	95100	F	1033	47894
16		1650003300	André	Grumbach		M	M	19520606	Strasbourg	67000	F	1033	45487

Records/Sec : 120 Time : 9.25s

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