

## Post-Installation Procedures – Using CONNX with the DataDirect ODBC driver manager

### Overview

Once CONNX has been installed on the UNIX system (see "CONNX Installation Procedure - UNIX " in the CONNX online installation help), it can be accessed through an ODBC driver manager. The ODBC driver manager you are using defines how to register the CONNX driver and/or the name of your data source (DSN).

CONNX has tested the UNIX client with DataDirect ODBC driver manager. The following is an example of the information needed to configure CONNX with the DataDirect ODBC driver manager.

1. Add a new entry to the CONNX sqlregistry or sqlregistry64 (this will be determined by bitness of your DataDirect driver manager software).

Open the appropriate sqlregistry application

Enter "2" to "Create a registry key and value:

Enter "**CONNX.ODBCINSTPATH**" for the Registry key

Enter "1" for a string data type

Enter the fully qualified path, including file name for the DataDirect libodbcinst.so file

Example: **`/usr/datadirect/connect64_for_ODBC_71/lib/libodbcinst.so`**

2. Edit the odbc.ini file that DataDirect uses.

open the file and add the following:

Under the heading of **[ODBC Data Sources]** add the following:

Example: **`<DSN Name>=CONNX`**

Add a new entry for the DSN using the name used in the above step. You will see headers for all the various drivers that DataDirect accesses.

Example:

**[cnxtest]**

**Driver=/installdirectory/libxx/libconnx32dd\_xx.so**

**DATADICTIONARY=/usr/connx/connx.cdd**

### 3. Edit the odbcinst.ini file that DataDirect uses.

Open the file and add the following:

Under the heading of **[ODBC Drivers]** add the following:

#### **CONNX=Installed**

Add a new entry for the CONNX driver. You will see headers for all the various drivers that DataDirect accesses.

Example:

#### **[CONNX]**

**Driver=/installdirectory/libxx/libconnx32dd\_xx.so**

#### **Please Note:**

installdirectory is the location of the CONNX UNIX client.

libxx is the 32bit or 64bit lib directory. For 64bit, the value will be lib64. For 32bit, the value will be lib32.

The extension of the libconnx32 file changes depending on the platform. The example shows .so for Linux and Sun; other extensions are .a for AIX, and .sl for HP-UX

### 4. You will need to add some environment variables for the user using CONNX.

DataDirect will have a "**odbc.sh**" file that will define these variables so you can either choose to invoke this file within your user's profile or you can manually add these entries to the user's profile.

These are the variables that need to be defined:

**LD\_LIBRARY\_PATH** - this needs to point at the "lib" folder for the DataDirect installation

**ODBCINI** - this needs to point at the odbc.ini file in the DataDirect directory structure

**ODBCINST** - this needs to point at the odbcinst.ini file in the DataDirect directory structure.

### 5. You can then use the "example" application to test out your connectivity. This should be in the **/installdirectory/samples/example/** directory on the system.