

Quick Start: DataDirect Connect[®] for ODBC Progress SQL92 Driver on Windows

The following basic information enables you to connect with and test your DataDirect Connect[®] for ODBC Progress SQL92 driver immediately after installation.

Connecting to a Database

IMPORTANT: You must have all components of the Progress SQL92 Client Networking software installed and connecting properly; otherwise, the driver will not operate correctly. You must be able to establish a native connection to the database using a tool such as the SQLExplorer tool.

Set the following environment variables as appropriate for your system:

| | | |
|----------|--|--|
| DLC | C:\dlc | Progress SQL92 Client Networking directory |
| IDLC | %DLC% | Progress SQL92 Client Networking directory |
| PROMSGS | %DLC%\promsgs | Name + full path to Progress error messages file |
| IPROMSGS | %DLC%\promsgs | Name + full path to Progress error messages file |
| PATH | %DLC%\bin;%DLC%; C:\win\system32;%PATH% | Add the bin subdirectory where you installed Progress SQL92 Client Networking to the beginning of your PATH environment variable |
| TEMP | C:\temp | Existing directory to write temporary files |

- 1 Start the ODBC Administrator to display a list of data sources.
- 2 Click **Add** to display a list of installed drivers. Select the Progress SQL92 driver and click **Finish** to display the ODBC Progress Driver Setup dialog box.
- 3 On the General tab, provide the following information; then, click **Apply**.
 - **Data Source Name:** Type a string that identifies this Progress data source configuration in the system information, such as Accounting.
 - **Description:** Type an optional long description of a data source name, such as My Accounting Database.
 - **Host Name:** The name of the system where the database is stored.
 - **Port Number:** The system port number setup for the database listener process.
 - **Database Name:** The name of the database to which you want to connect by default.

- **User ID:** The default logon ID (user name) used to connect to your Progress SQL92 database. This ID is case-sensitive. Your ODBC application may override this value or you may override it in the Logon dialog box or connection string. You must have a user name and password for the driver to work properly.

Setting Connection Options for Optimal Performance

For optimal performance, set the Array Size option on the Advanced tab of the Driver Setup dialog box as follows:

If your application retrieves large result sets, set ArraySize to the approximate number of rows in the result set; if retrieving small result sets, set this value to the approximate number of rows of the largest result set. For example, if your application normally retrieves 200 rows, it is more efficient for the driver to retrieve 200 rows at one time over the network than to retrieve 50 rows at a time during four round trips over the network.

Testing the Connection

- 1 At the bottom of the Driver Setup dialog box, click **Test Connect** to attempt to connect to the data source using the connection properties that you specified. A logon dialog box appears; note that the information you enter in the logon dialog box during a test connect is not saved.

If the driver can connect, it releases the connection and displays a `connection established` message. If the driver cannot connect because of an improper environment or incorrect connection value, it will display an appropriate error message.

- 2 Click **OK** or **Cancel** at the bottom of the Driver Setup dialog box. If you click **OK**, the values you have specified become the defaults when you connect to the data source.

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5/06, 5.2