

Adagio ODBC
Version 9.2A First Edition
from



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All Adagio applications must be registered within 60 days of first use. If they are not registered during that time, they will cease to function until registered.



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Setting Up a DSN

A DSN is set up in the **Windows Control Panel, Administrative Tools**.

Run the **ODBC Data Source Administrator** from there. You can also start it from the Windows Start screen on Windows 8 or higher, choose Adagio ODBC. Or from Windows 7, choose Windows Start menu under Adagio | ODBC | Adagio ODBC. Or, you can run AdagioODBCv2.exe from \SOFTRAK\ODBCv2.

Vista, Win7 and higher workstations require that you use **Run as Administrator** to load the ODBC Data Source Administrator.

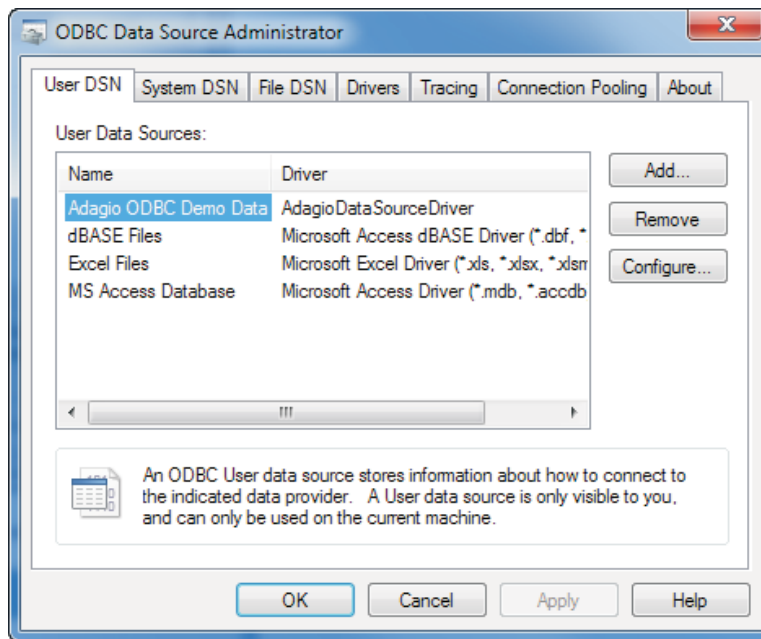
Using the ODBC Data Source Administrator, you can create a User or a System DSN.

- User DSNs are local to a computer and can be used only by the current user.
- System DSNs are local to a computer but are not user specific/dedicated. Any user with privileges can access a System DSN.

Setting Up a DSN

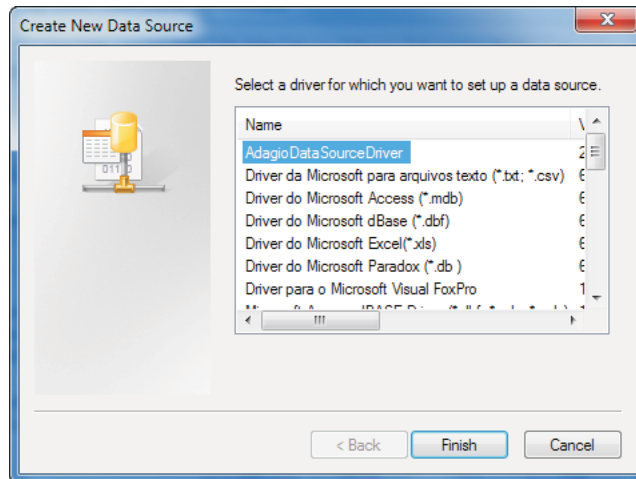
Setting Up a DSN

Accessing the Windows Control Panel, Administrative Tools for Data Sources will bring you to the following screen:



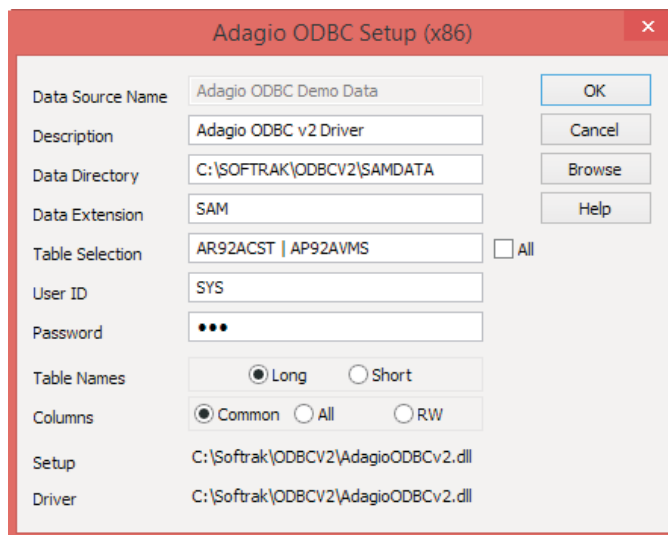
Setting Up a DSN

Select the **Add** button. The **Create New Data Source** window will appear:



Select **AdagioDataSourceDriver** and click the **Finish** button.

The **ODBC Setup** window will appear as follows:



Setting Up a DSN

Enter the fields in the Adagio ODBC Setup window as follows:

Field	Description
Data Source Name	Enter a description that identifies this connection.
Description	There is no need to change the default description as provided.
Data Directory	Use the Browse button to drill down to the Adagio data folder you wish to use. You can select any "global" file. For example, you might select ARGLOB.xxx (where 'xxx' is the 3-character data extension of the data files) if you have Accounts Receivable data in this folder. <i>NOTE: The "global" file selection you make in the Data Directory field restricts you to data using the Data Extension you choose in the next field but does not restrict access to other Adagio applications.</i>
Data Extension	This will be filled in automatically when you select a global file.
Table Selection	You may restrict the Dictionaries/Tables that this connect is allowed to see. For example: <ul style="list-style-type: none">◆ * will show all Dictionaries/Tables◆ AR9* will allow all tables from AR9.0A or AR9.1A◆ AN81C* will allow all tables from IC8.1C or IC8.1D◆ AP81BVND will allow this connection to see the AP Vendor file for AP8.1B thru AP8.1F. <i>NOTE: Separate entries in the Table Selection field with a vertical bar ().</i> <i>NOTE: You can use the Adagio Data Dictionary Exporter (see page 1-9) to build an Excel spreadsheet with the Dictionary/Table/Field names that are available within a table. Remember that table names for Adagio always begin with an A (for DOS they being with a P). The second character denotes the module (eg. R for Receivables, P for Payables, L for Ledger, I for Invoices, N for Inventory, K for BankRec, etc.).</i>

Setting Up a DSN

Field	Description
All	Select this to see all the Dictionaries that are installed. If this is not ticked, only those Dictionaries that are listed in the ADSPROF.xxx in the data folder you selected (where 'xxx' is the 3-character data extension) will be available for this connection. You will need to have started the Adagio module at least once and accessed a function such as the accounts, customers, items, orders, vendors list, etc. (since installing ODBC) to get the required entry in ADSPROF.
User ID	The Adagio UserID for this connection. If it is not provided then it will be required when making the connection. The default UserID is SYS .
Password	The Adagio User Password for this connection. If it is not provided then it will be required when making the connection. The default Password is SYS ; although, for the sake of security, we recommend you change it to something else.
Table Names	Long - Long names will include the Dictionary Name when selecting Tables. Predefined Views will also be available. Short - Only the Table name will be displayed. Predefined Views will also be available.

Setting Up a DSN

<i>Field</i>	<i>Description</i>
Columns	<p>Common - Does not show 'hidden' fields in the table and translates coded values. Fields with coded values will have a "_T" suffix added to the field name. 'Translated coded values' should not be used in the WHERE or JOIN clauses of an SQL statement.</p> <p>For example:</p> <p>WHERE SRTransactions_as80aitm.Type="Tax" will not work properly.</p> <p>Instead, use the All option described below and WHERE SRTransactions_as80aitm.Type="T".</p> <p>All - Shows the hidden fields and does not translate coded values.</p> <p>RW - Shows hidden fields, does not translate coded values and allows updates. This option is only available when the ODBCRW Add-on is installed.</p>
Setup	Displays the path and .dll from where your registry settings are pointing. Normally, the Setup and Driver are the same.
Driver	Displays the path and .dll from which the DSN will be loaded so you can see at a glance if it uses the 32-bit or 64-bit driver. AdagioODBCv2 is 32-bit and ODBCv264 is 64-bit.

Setting Up a DSN

The following is another example of a completed DSN:

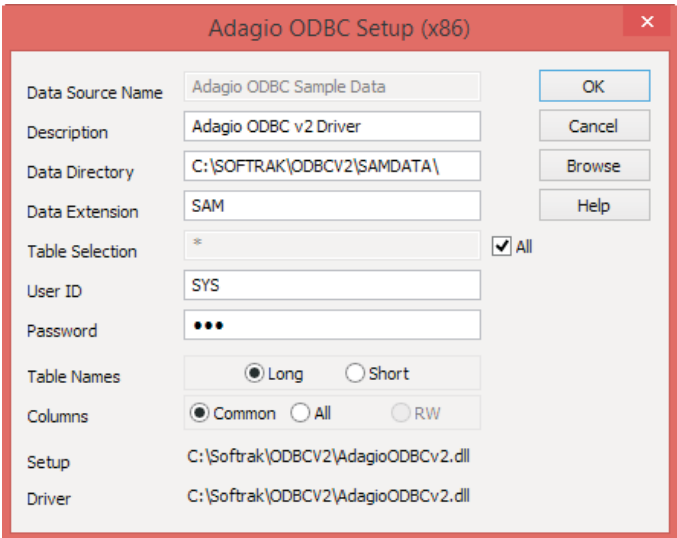
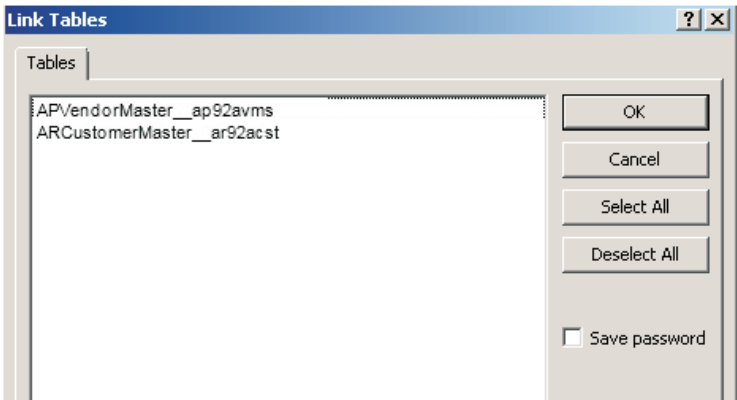


Table Names Examples

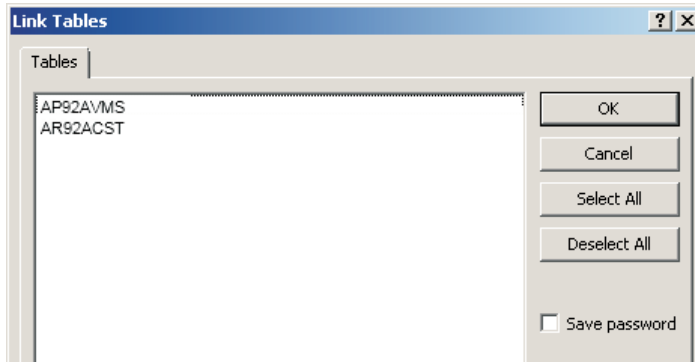
Following are some visual examples of selecting different Table Names during DSN creation.

Long - Long names will include the Dictionary Name when selecting Tables. Predefined Views will also be available.



Setting Up a DSN

Short - Only the Table name will be displayed. Predefined Views will also be available.



Caution:

Once your configured DSN is used in a connection, changing the configuration may cause problems with the connection.

For example, changing the Columns selection from 'All' to 'Common' could result in some fields that were used in the connection no longer being available. Also, field data types for coded values change depending on whether or not the coded values are translated. This may generate a "type mismatch" error and cause the query to fail.

CAUTION: If you are using AdagioODBCRW, no data validation is performed when write functions are called, so only experienced consultants should use the write functions. Before using this feature, you should have a thorough understanding of the Adagio database and files being modified, along with a backup of the data.

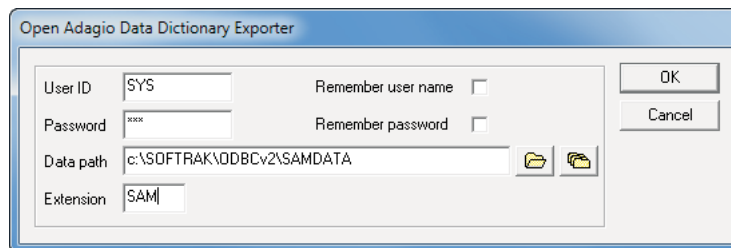
Exporting Dictionaries/Tables

You can use Adagio Data Dictionary Exporter to build an Excel spreadsheet with the Dictionary/Table/Field names of the tables specified in the Table Selection field on the Adagio ODBC Setup window.

Note *Microsoft Excel must be installed on the computer.*

To do this, you must either:

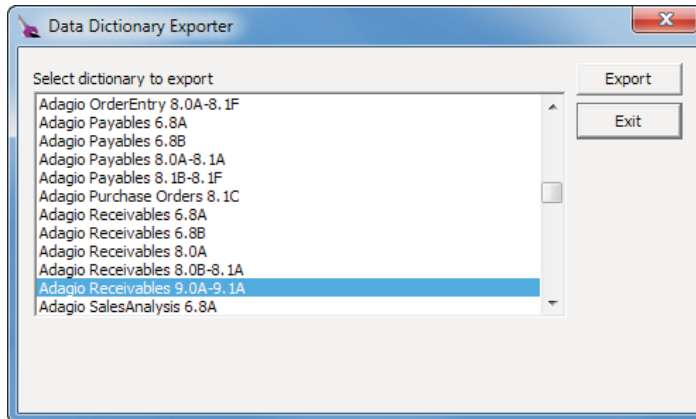
- Run the DDE from the **Start screen** on Windows 8 or higher, or from **Windows | Start | Programs | Adagio | ODBC | Data Dictionary Exporter** menu on Windows 7; or
- Use the **/ODBC** option on a shortcut used to run the DataDictionaryExporter.exe (located in your Softrak\System folder). For example, the shortcut Target would read `x:\Softrak\System\DataDictionaryExporter.exe /odbc` (where 'x' is the drive where the Softrak\System folder was installed). The **/ODBC** option always returns the 'Common' Column field names wherein fields with coded values will have a "_T" suffix added to the field name.
- Using the **/ODBCRW** option on a DataDictionaryExporter shortcut returns the same Column field names as does selecting 'All' (or 'RW') in Columns in your DSN.



Note *The Excel spreadsheet will be created in the data folder you chose in the Data path field when you started the application.*

Exporting Dictionaries

You will be asked what dictionary you wish to export:



Ledger uses AL and Inventory uses AN. The rule is that the '@' symbol is replaced with an 'A' when building your table selection list.



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