ATLANTIS ODBC DRIVERS AND DSNS

This document describes how to download the Open Database Connectivity (ODBC) drivers and configure the Data Source Names (DSNs) that are necessary to run Atlantis and Extender. References to Atlantis should be interpreted as being applicable to both Atlantis and Avalon.

DOWNLOADING AND INSTALLING THE ODBC DRIVER

Both Atlantis and Extender require a Visual FoxPro ODBC driver. This driver can be downloaded (free) from the KennelSoft web site. After you download the driver package and "open" it, the installer will install the Visual FoxPro (VFP) driver.

DATA SOURCE NAMES (DSNS)

Once the VFP driver has been installed, it must be configured to "point" to the database files. If the DSN does not exist or it points to the wrong location of the data files, Atlantis will not be able to create any reports.

You can create any number of DSNs based on the VFP driver. Each DSN will point to database files in a different location. Therefore, if you want to use the same computer to run both the Atlantis demo and a production version of Atlantis, you will need to have two DSNs.

When you download and install the Atlantis demo, the installer will create a DSN named "AtlDemo" that points to the data files that are installed in **C:\AtlDemo\Data.** When you install the production version of Atlantis, you must create another DSN that points to the location of the production database files. The database files can be on your computer or they can be on a server.

The procedure to create a DSN varies slightly depending on whether or not you are using a computer with a 32 bit or a 64 bit Windows operating system. It is important to understand that 64-bit applications can only use 64-bit drivers and that 32-bit applications can only use 32-bit drivers. In a single running process, all of the code must be either 64-bit or 32-bit. Data Source Names (DSN) are similarly divided by "bitness," since a DSN is defined for a specific driver.

Note that Extender is a 32 bit program and the VFP driver that you download from KennelSoft is a 32-bit driver.

The procedure to install the VFP driver depends on whether your Windows operating system is 32 bit or 64 bit.

HOW TO DETERMINE IF YOUR WINDOWS SYSTEM IS 32 BIT OR 64 BIT

You can tell if you're running a 32-bit or 64-bit version of Windows by looking at information about your operating system installation by displaying the System properties in Control Panel. The steps to get to the control panel vary depending on which version of Windows you are using.

WINDOWS 10

Press the **Windows** and **X** keys together or right-click on the **Start button.** Click on **System** in the menu that appears.

WINDOWS 8 AND 8.1

1. Press the **Windows** and **X** keys together to access the Power User Menu, which has a shortcut for Control Panel. Click on Control Panel.
2. Click on the **System and Security** link.

Note: If you're viewing either the large icons or Small icons view of Control Panel, you won't see this link. Just click on the **System** icon and then proceed to Step 4.

3. In the System and Security window, click on the **System** link.
4. When the System window opens (titled as View basic information about your computer), locate the System area below the oversized Windows logo. In the System area, look for **System type** among the other statistics about your computer.

WINDOWS 7 AND WINDOWS VISTA

1. Click on the Start button and then Control Panel.
2. Click on the **System and Security** link. (In Windows Vista this link is called **System and Maintenance**.)

Note: If you're viewing either the large icons or Small icons view of Control Panel, you won't see this link. Just click on the **System** icon and then proceed to Step 4.

3. In the System and Security window, click on the **System** link.
4. When the System window opens (titled as View basic information about your computer), locate the System area below the oversized Windows logo. In the System area, look for **System type** among the other statistics about your computer.

CREATING A DATA SOURCE NAME (DSN)

When setting up Atlantis in production mode, KennelSoft recommends that you create a DSN called "kennel." If you are using Avalon, you should call the DSN "avalon."

OPEN THE ODBC DATA SOURCE ADMINISTRATOR

To create a DSN, you must use the appropriate ODBC Data Source Administrator. In 64-bit Windows, there are two ODBC Data Source Administrators: a 32-bit and a 64-bit variant.

WINDOWS 10

The ODBC Data Source Administrator(s) are directly accessible in the Control Panel, under Administrative Tools (which is located in System and Security if your Control Panel is set to view by category). On a 64-bit machine, it will show the following:

- ODBC Data Sources (32-bit)
- ODBC Data Sources (64-bit)

On a 32 bit machine it will show only:

- ODBC Data Sources

EARLIER VERSIONS OF WINDOWS

The ODBC Data Source Administrator that is directly accessible in the Control Panel, under Administrative Tools (which is located in System and Security if your Control Panel is set to view by category), is always the same "bitness" as the installed Windows platform. That is, on 32-bit Windows, it is the 32-bit administrator; on 64-bit Windows, it is the 64-bit administrator.

If you have a 64-bit computer, you cannot access the 32-bit ODBC Data Source Administrator from the Start menu or Control Panel in 64-bit Windows. Proceed as follows:

- Go to a command prompt. (Command Prompt is used to execute commands in Windows operating systems.) Hold the **WIN** and **X** keys down together, or right-click on the **Start button**, and choose **Command Prompt**. In Windows 7 and Windows Vista, enter **command** in the search box at the bottom of the START MENU and then click **Command Prompt** when it appears in the results.
- Type: **cd\windows\sysWOW64** and press ENTER.

- At the C:\WINDOWS\SYSWOW64 prompt, type: "odbcad32" (without the quotes) and press ENTER. The 32-bit ODBC Data Source Administrator will appear.

CREATE THE DSN

To create a DSN, proceed as follows:

1. Click on the "System DSN" tab.
2. Click the **Add** button.
3. A screen called "Create New Data Source" will appear. On this screen scroll down until you see a driver with the name "Microsoft Visual FoxPro Driver." (If this exact name does not appear in the list, it means that you have not installed the VFP driver.) Click on "Microsoft Visual FoxPro Driver" then click the **Finish** button.
4. The "ODBC Visual FoxPro Setup" screen will appear. Enter the data source name you want to create: usually "kennel."
5. A description is not really necessary but you may want to enter something like "Atlantis production DSN."
6. Under "Database Type," select "Free Table Directory."
7. Click on the **Browse** button and navigate to the location of the Atlantis data files. For the production system it may be "C:\M4\Data" (assuming the Atlantis production data is on the computer you are using.)
8. Click the **OK** button and the new DSN will appear on the "ODBC Data Sources (32 bit)" screen.
9. Click on the **OK** button and you are finished.