

Sharing a Database With GPRM

DerbyNet uses a database format that's compatible with that used by Grand Prix Race Manager, the Lisano Enterprises product (<http://grandprix-software-central.com>). Some users may wish to use GPRM to manage their event, while taking advantage of additional features available in DerbyNet.

Note that Lisano Enterprises does not endorse the use of DerbyNet.

The instructions below are applicable for versions of GPRM prior to v18, which was released in 2018. For instructions on sharing a database with a more recent version of GPRM, see the “Advanced Database Set-Up for DerbyNet” document.

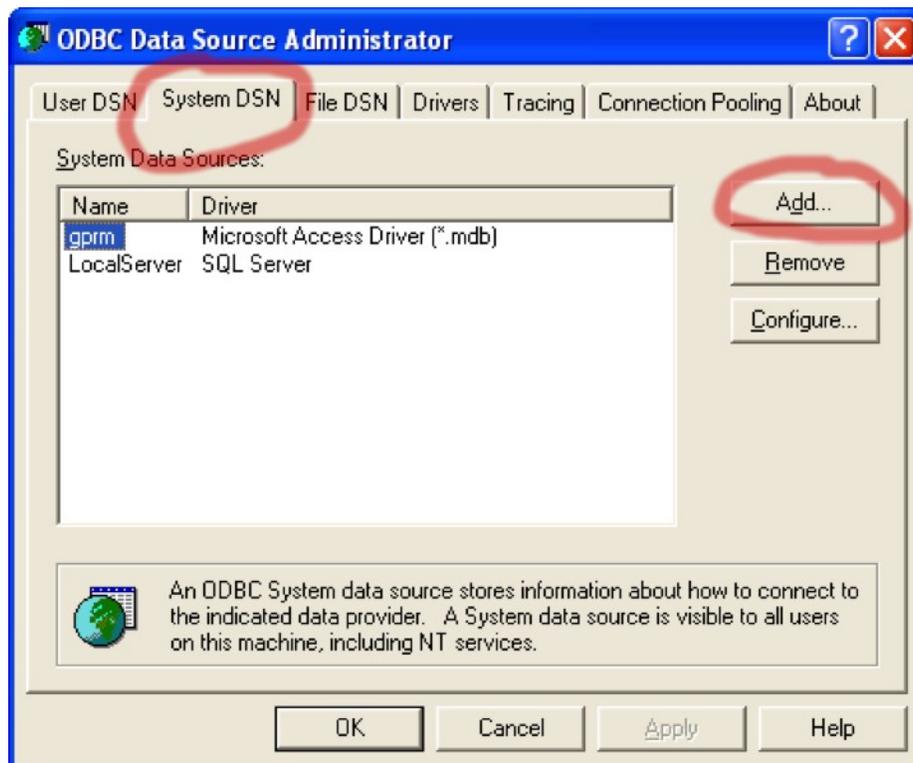
Sharing a Database On Windows

A Windows installation of DerbyNet can use the same Access database as the Grand Prix Race Manager (GPRM) product by Lisano Enterprises; this allows web-based access to the data while still using GPRM. This is accomplished by defining the GPRM database as an “Open Data Base Connectivity” (ODBC) data source.

Note that you must update the ODBC data source whenever you change databases in GPRM.

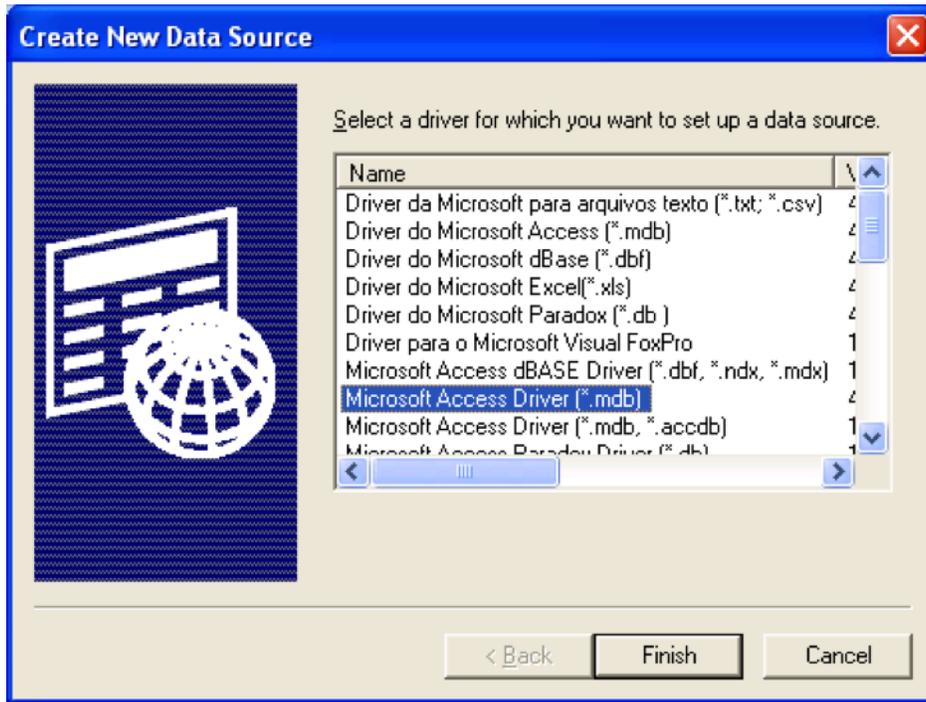
Define an ODBC Data Source Name

In “Control Panel,” “Administrative Tools,” find the “Data Sources (ODBC)” management console. Choose the “System DSN” tab, and click the “Add...” button.

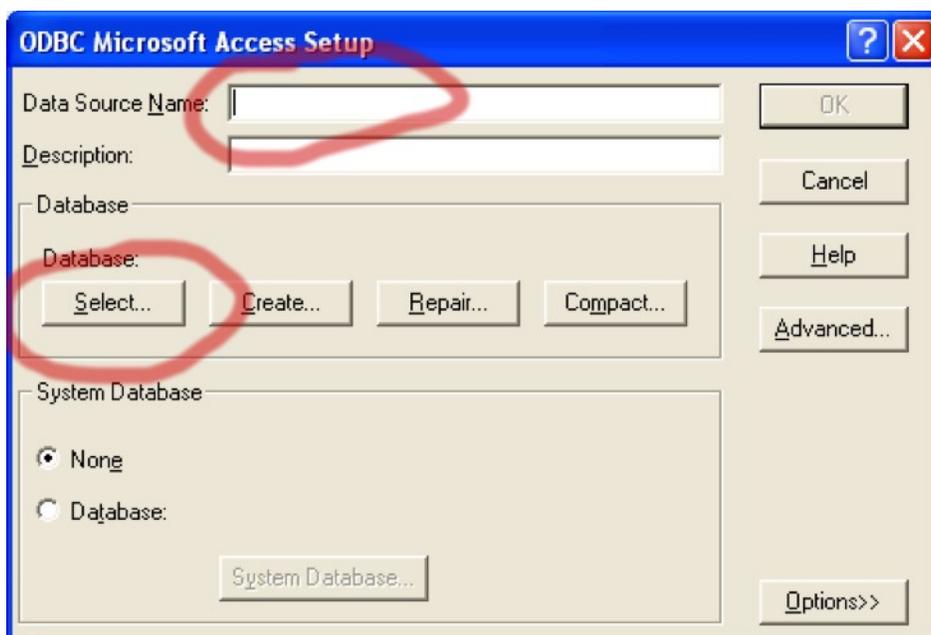


In the “Create New Data Source” dialog that appears, select “Microsoft Access Driver (*.mdb)” and click “Finish.”

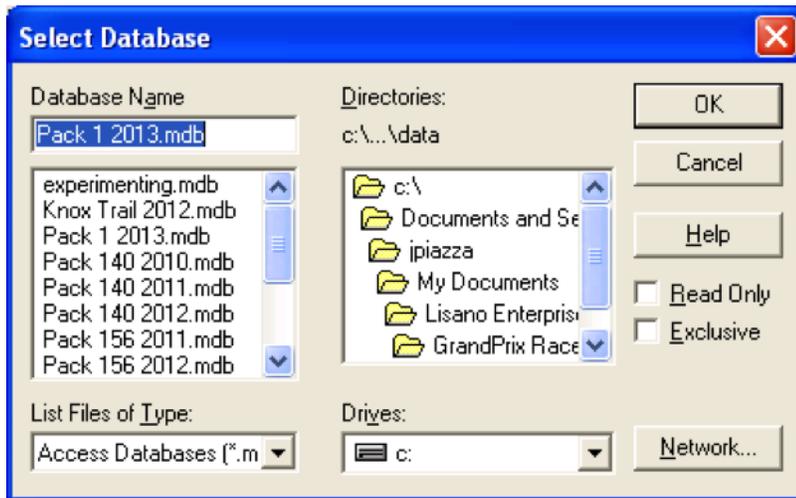
Note: In some 64-bit versions of Windows (notably Windows 7, at least), the driver for Microsoft Access is available only in the 32-bit version of the ODBC Data Sources Administrator control panel. If you do not see an entry for “Microsoft Access Driver (*.mdb)” or similar, close the control panel and instead open **C:\Windows\SysWOW64\odbcad32.exe**. See <http://support.microsoft.com/kb/2721825/EN-US>.



Next you’ll see the “ODBC Microsoft Access Setup” dialog. Enter “gprm” in the Data Source Name field (this is the name the scripts expect), and click the “Select...” button.



In the “Select Database” dialog, you have to select the actual database file you’re using for GPRM. By default, the path to this file is under “My Documents”, “Lisano Enterprises”, “GrandPrix Race Manager”, “Data” (at least in version 9 of GPRM).



Changing the data source (as opposed to adding a new one) is similar; click the “Configure...” button instead of “Add...” from the ODBC Data Source Administrator window, and just select a new database file.

Set Up Database for DerbyNet

Now that you’ve set up your ODBC data source, you can configure DerbyNet to use the same database by following the steps described in “Advanced Database Set-Up for DerbyNet” document.

Sharing a Database on MacOS

Recent versions of GPRM are available to run under MacOS. These GPRM versions maintain a SQLite database, by default kept in the directory /Documents/Lisano Enterprises/GrandPrix Race Manager/Data. For example, the GPRM sample database appears at

```
/Documents/Lisano Enterprises/GrandPrix Race Manager/Data/sample.sqlite
```

From the DerbyNet Set-Up page, click the “Choose Database” button. Click the “Advanced” button, select “SQLite data source,” and enter (or browse to) the database file path.

Click “Submit” to complete the set-up.

If the database file cannot be opened, the most likely reason (assuming the file path is correct) is a permissions issue. The database file has to be accessible by the “_www” user. In addition, the “_www” user must have write permissions to the containing (Data) directory.

See <https://support.apple.com/kb/PH25287> for details on changing permissions in MacOS. (Access for the “_www” user is likely controlled by the “everyone” entry.)

