# Setup to Connect to the Database Used by FlightGUI.exe

FlightGUI uses a SQLite database. There may be other solutions, but the following works.

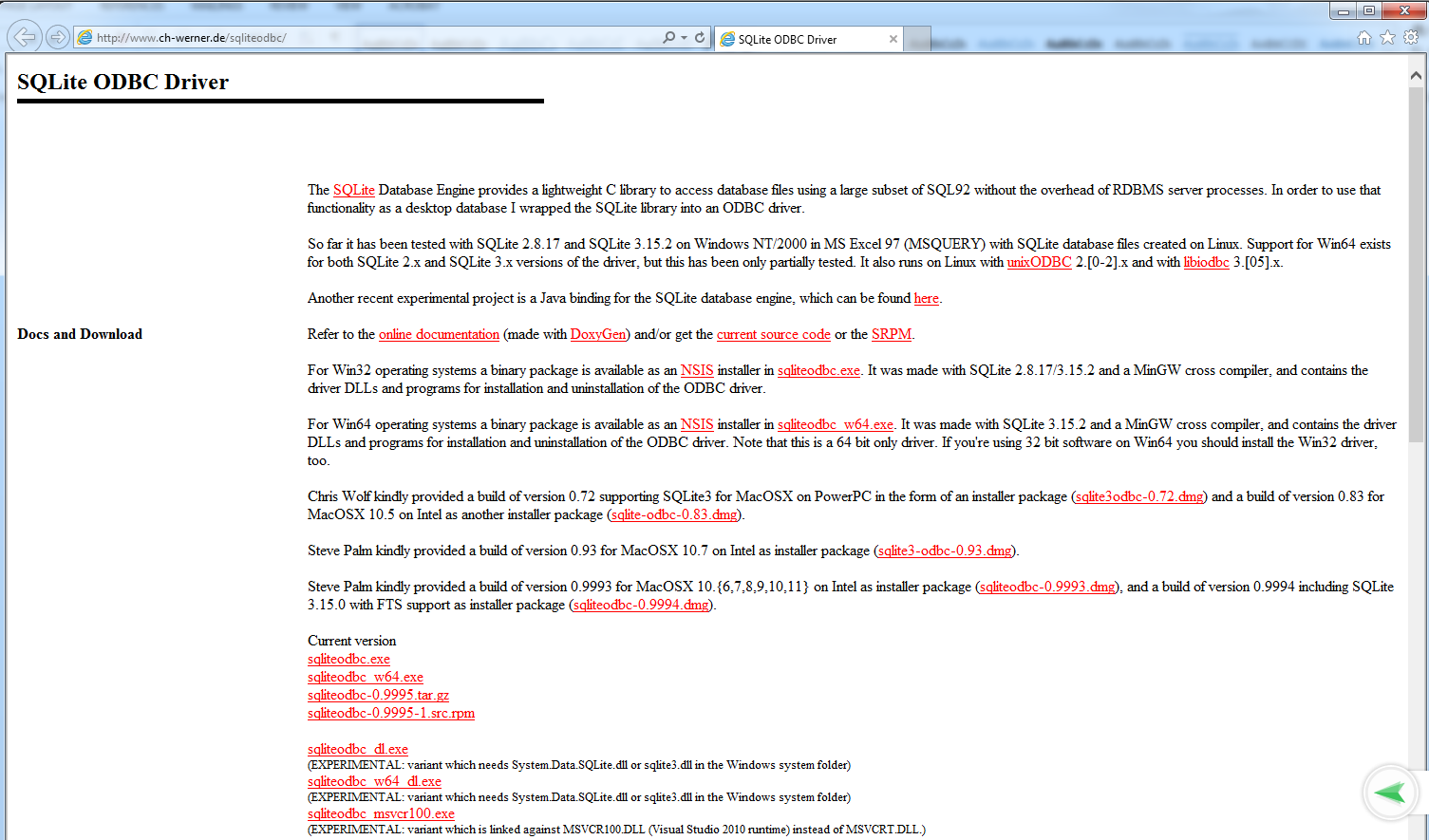
Note: the database on a new, clean NimbusClient only exists within the UFT installation directory. Because of that it is “read-only” and will not reflect any newly created orders. For the following to work, **BEFORE** doing any other steps in this document, launch FlightGUI one time. This will copy the install database into the users appData directory, which is what the ODBC connection **must** use.

If you downloaded the comprehensive repository from github (github: <https://github.com/rsercely/comprehensive-uft-test-flightgui.git> )

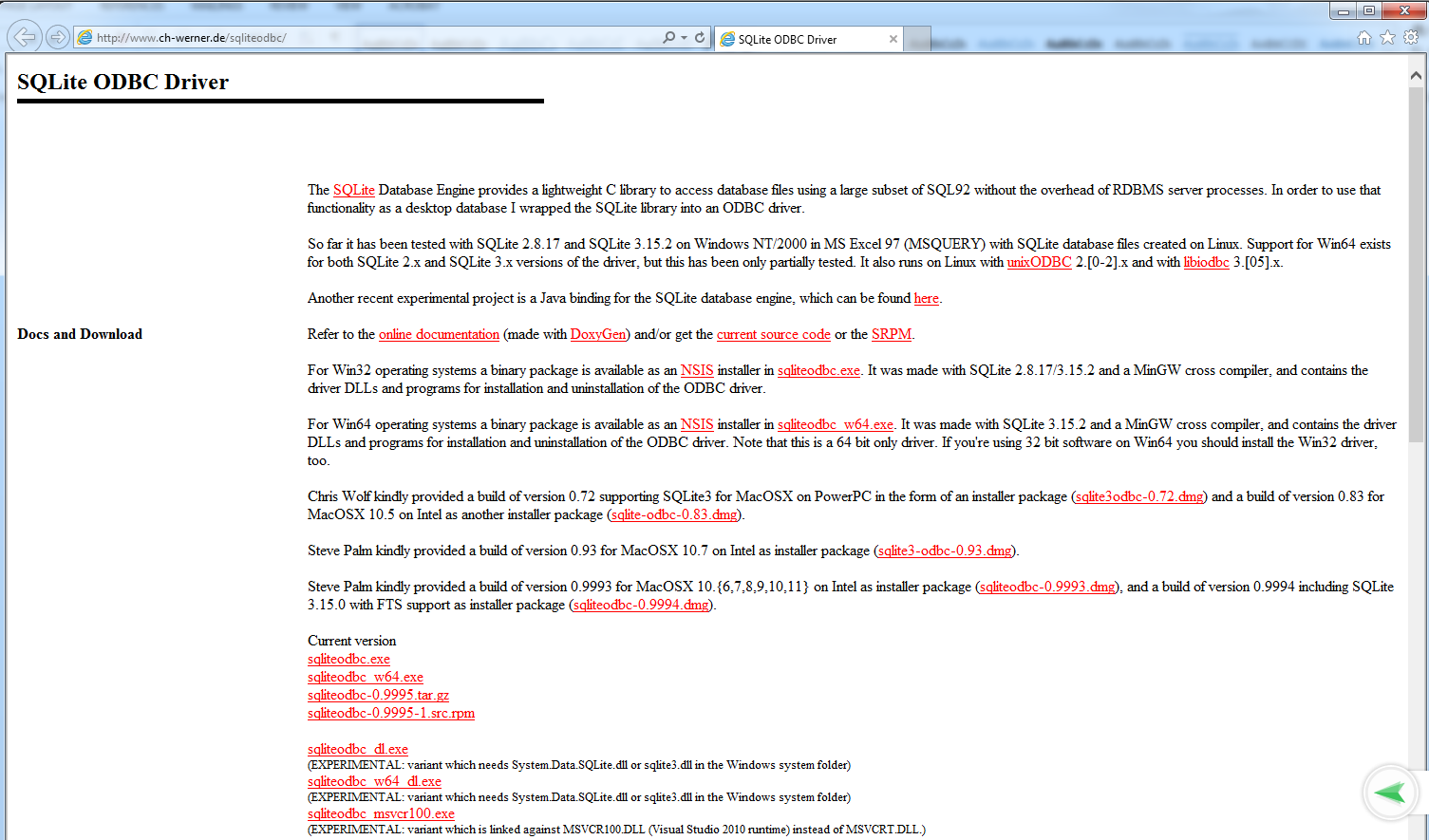
the media files necessary to create a SQLite database ODBC connection were also download. If you are doing this “stand alone”, start at this URL: (again – you only have to go to the following URL and download if you did NOT download the repository github)

<http://www.ch-werner.de/sqliteodbc/>

Download both [sqliteodbc.exe](http://www.ch-werner.de/sqliteodbc/sqliteodbc.exe) *and* [sqliteodbc\_dl.exe](http://www.ch-werner.de/sqliteodbc/sqliteodbc_dl.exe) as indicated.



Here is zoomed in view, to make the file names easier to read.



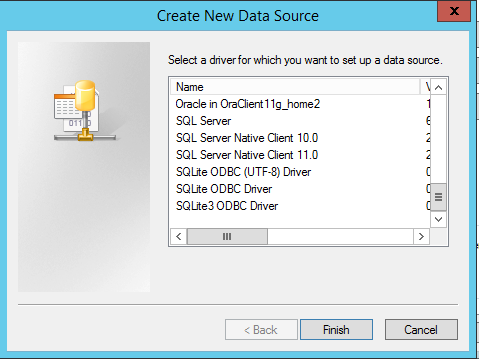
Both files must be placed, and run from the same directory. If you downloaded these files from github, you can run the from within the repository – no need to copy them elsewhere. After placing, **you must run sqliteodbc\_dl.exe first, then sqliteodbc.exe.** If you get a warning or error when trying to connect (the next section), just come back and try to install again.

You might want to also download a GUI tool to work with SQLite databases. One possible place is: <https://github.com/sqlitebrowser/sqlitebrowser/releases>

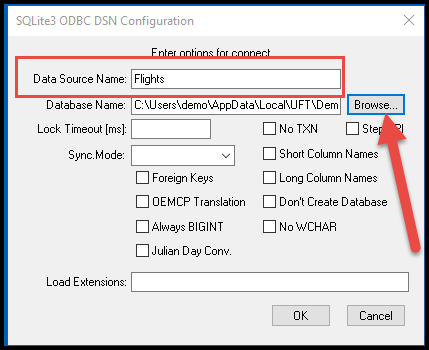
Start the 32-bit ODBC Administrator (run:  %systemdrive%\Windows\SysWoW64\odbcad32.exe)

In the ODBC Data Source Administrator (32-bit) window, click the Add button to add a data source.

The Create New Data Source window appears.



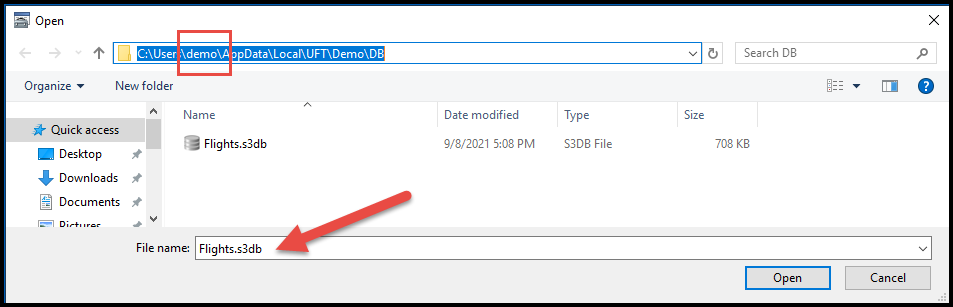
Scroll to the bottom. Choose SQLite3 ODBC Driver, **not** SQLite ODBC Driver (which is the 64-bit driver). Note that the screen shots below were done from a Windows 7 installation, so your screen might look slightly different. If there is a problem with the installation of the ODBC software, you will not see the SQLite options, above. Configure the connection:



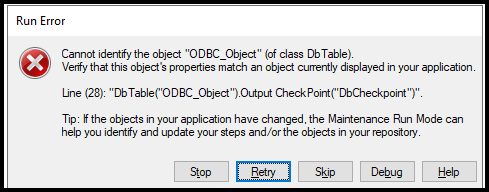
* Note that the Data Source Name is hard coded in the script, so be sure to use exactly the string “Flights” as shown above
* The Database Name is probably

C:\Users\<your login>\AppData\Local\UFT\Demo\DB\Flights.s3db

But you should use the Browse control to verify



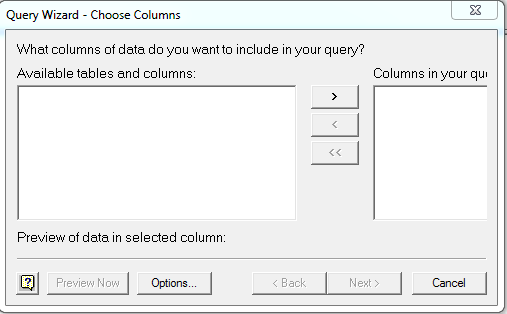
Just to be clear – I have chosen a Data Source Name that matches the name of the actual database file, but this is **not** necessary, it is just a naming convention. However, if you want to use the Comprehensive test – that test uses “hard coded” values of Flights. Because of that, for this Comprehensive test, if you use any other value, when you replay, you will get UFT errors like:



Note – within UFT, if you create a new database checkpoint or output value, within Microsoft Query, you may see:



To fix this, hit OK, then select Options…



Enable System Tables by clicking the box. If you still don’t see data, you might toggle System Tables a few times.

