



Projetex Access Through the ODBC

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Table of Contents

Part I	Projetex ODBC	2
Part II	Setting ODBC password in Server Administrator	2
Part III	Downloading ODBC drivers	3
Part IV	Data Source Administrator settings	4

Projetex ODBC

Projetex database can be accessed through the ODBC.

The ODBC (Open Database Connectivity) of the Microsoft Corporation is a general interface for access to SQL-compatible databases. In this technology, the SQL language is used as a standard mechanism for data access. This ensures a high degree of interaction: one application can refer to different SQL-compatible DBMS (Database Management Systems) by means of generic code.

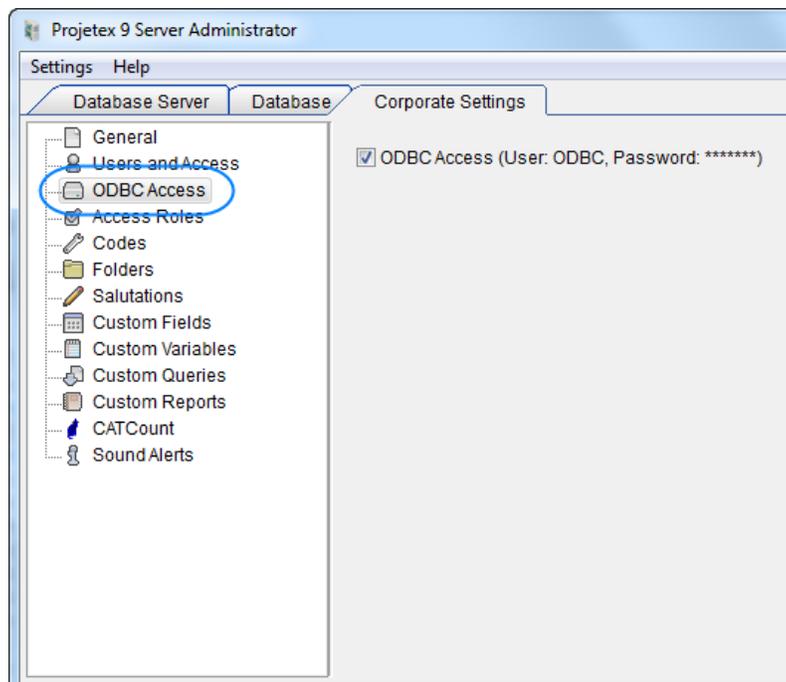
This allows a developer to create and distribute “client/server” applications without taking into consideration characteristics of specific DBMS. To connect an application with any DBMS chosen by user, one must have a corresponding ODBC driver. In spite of the fact, that the ODBC is considered to be a good data transfer interface, it still has many restrictions as a program interface.

This short guide contains ODBC access basic setup instructions.

Setting ODBC password in Server Administrator

Before setting up the ODBC, you need to specify a password for this access. This is done with the help of Projetex Server Administrator. To change ODBC password, open the access in the administration program.

1. Run Projetex Server Administrator, turn your database offline by clicking Go offline button on the Database tab.
2. Click ODBC Access section in the Corporate Settings tab.



3. Select ODBC Access check box, and assign ODBC password by entering it into the fields in the dialog box. If any other password has been specified earlier, it will change to the new one.



The ODBC login is fixed. It is "ODBC" for user. Please note that this user account was created for the Firebird server, and it was given rights to read data from the database.

Downloading ODBC drivers

A free driver can be downloaded from the following location:

<http://ibphoenix.com/download/connectivity/odbc>

The driver is constantly upgraded; therefore, this guide does not provide you with direct links. You can also find document files for reference regarding choosing the most appropriate driver for your system.

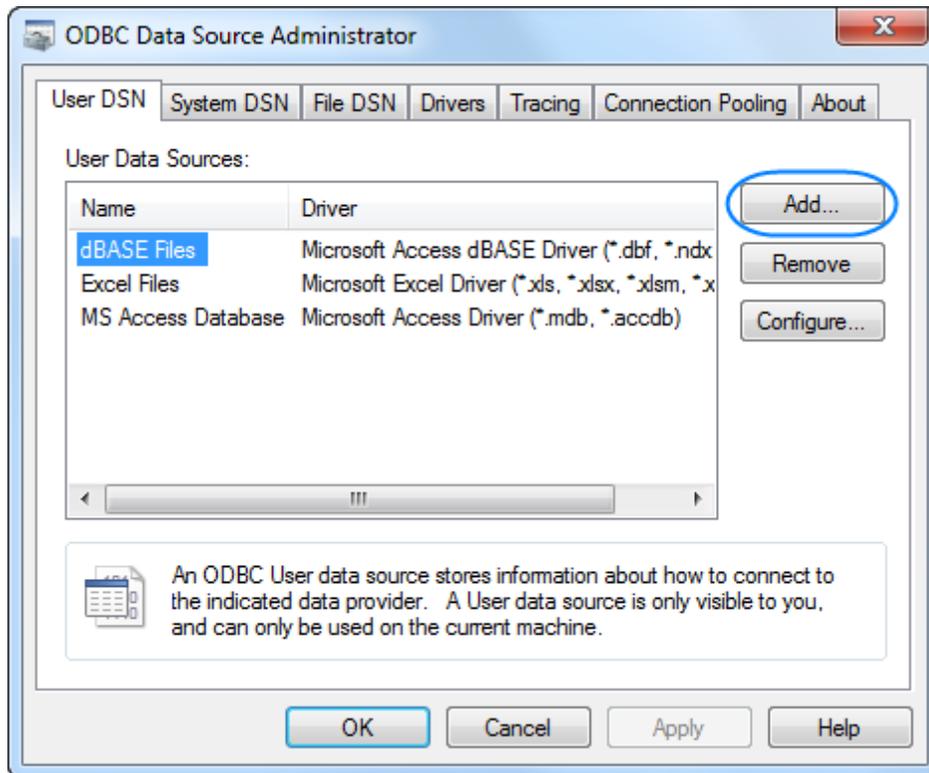
For the example presented in the next chapter we have downloaded ODBC driver using the following link:

http://sourceforge.net/projects/firebird/files/firebird-ODBC-driver/2.0.1-Release/Firebird_ODBC_2.0.1.152_Win32.exe/download

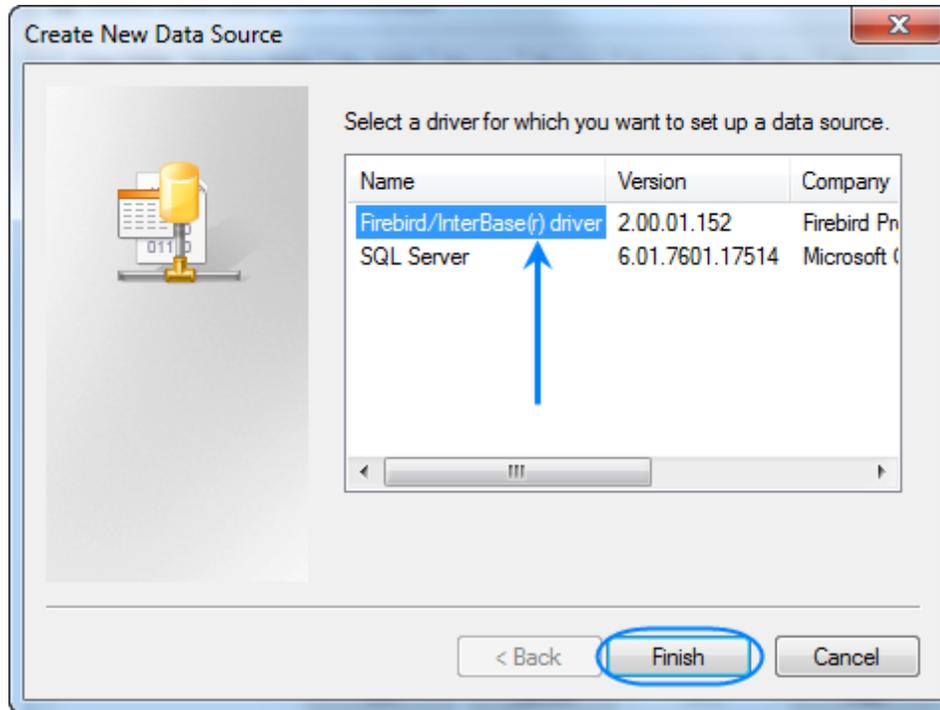
Data Source Administrator settings

After ODBC driver has been installed, open Windows Control Panel, double-click Administrative Tools and then double-click Data Sources (ODBC) to run ODBC Data Source Administrator.

1. Click the Add... button in ODBC Data Source Administrator window.



2. Select the newly downloaded driver for the Firebird.



3. Specify ODBC parameters in FireBird ODBC Setup window:

- Use the password which you created with the help of [Projetest Server Administrator](#):
- Specify path to PROJETEX.FDB in Database field
- Specify path to fbclient.dll in Client field
- Be sure to enter PROJETEX_ODBC in the Role field

Firebird ODBC Setup

Data Source Name (DSN): Projetest 9 Datasource

Driver: IsCDBC

Description:

Database: C:\Program Files\AIT\Projetest 9\Projetest Server\Database\Projetest.fdb

Client: C:\Program Files\AIT\Firebird Server\bin\fbclient.dll

Database Account: ODBC

Password: ●●●

Role: PROJETEX_ODBC

Character Set: NONE

Services

Test connection

Options

Transaction

read (default write)

nowait (default wait)

Lock Timeout

Dialect: 3 1

safe thread

Extended identifier properties

quoted identifiers

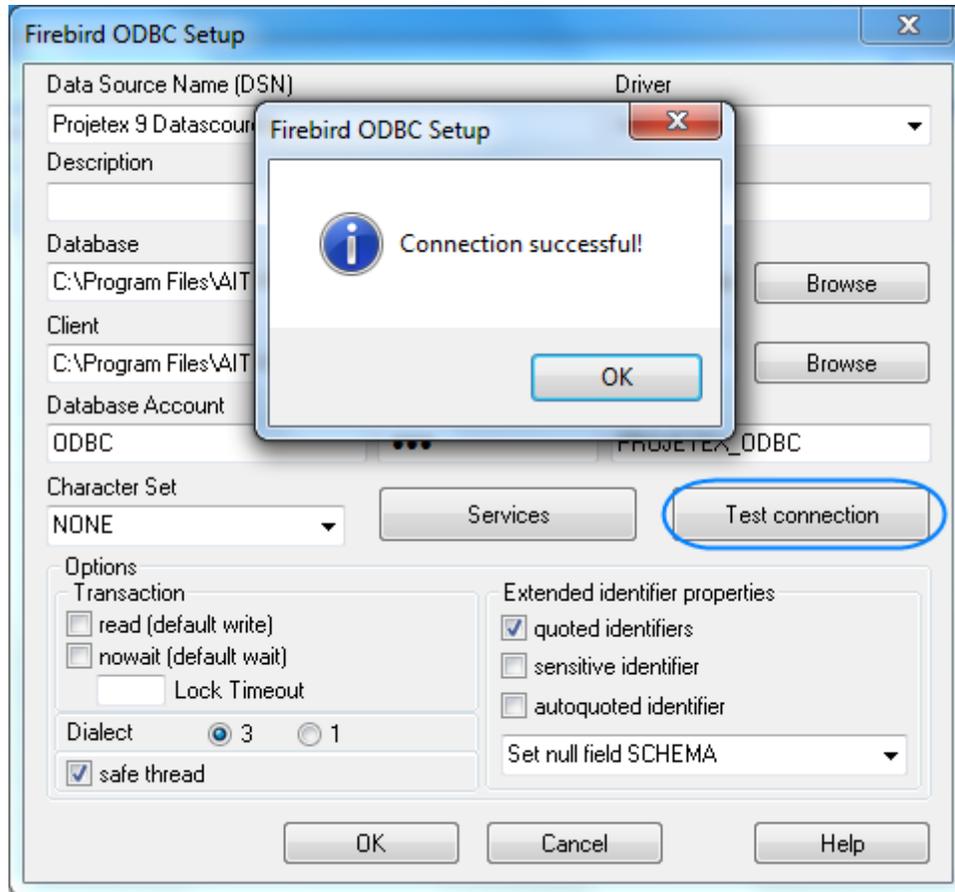
sensitive identifier

autoquoted identifier

Set null field SCHEMA

OK Cancel Help

4. Click Test connection button to verify if all the settings are correct.



 Note: If database file has been replaced, please run [Projetex Server Administrator](#), open ODBC Access section of Corporate Settings tab. Clear and select again ODBC Access check box.