

Projetex Access Through the ODBC

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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 anyDBMS 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.

Set Password for ODBC Access	? ×
User: ODBC	
Password:	
Confirm password:	
• ОК	X Cancel

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.

ODBC Data Source Administrator					
User DSN System DS	N File DSN	Drivers	Tracing	Connection	Pooling About
User Data Sources:					
Name	Driver				Add
dBASE Files	Microsoft A	ccess dB/ xcel Drive	ASE Driver	r (*.dbf, *.ndx sv. *vism. *v	Remove
MS Access Databas	e Microsoft A	ccess Driv	ver (*.mdb,	.accdb)	Configure
4					
An ODBC User data source stores information about how to connect to the indicated data provider. A User data source is only visible to you, and can only be used on the current machine.					
	ОК		ancel	Apply	Help

2. Select the newly downloaded driver for the Firebird.

Create New Data Source			×
	Select a driver for which you	ı want to set up a da	ata source.
	Name	Version	Company
	Firebird/InterBase(r) driver	2.00.01.152 6.01.7601.17514	Firebird Pn Microsoft (
	< III < Back	Finish	► Cancel

- 3. Specify ODBC parameters in FireBird ODBC Setup window:
- Use the password which you created with the help of Projetex 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)		Driver
Projetex 9 Datascource		IscDbc 🗸
Description		
Database C:\Program Files\AIT\Projetex 9\	Projetex Server\Databa:	se\Projetex.fdb Browse
Client		
C:\Program Files\AIT\Firebird Ser	ver\bin\fbclient.dll	Browse
Database Account	Password	Role
ODBC	•••	PROJETEX_ODBC
Character Set		
NONE -	Services	I est connection
Options Transaction read (default write) nowait (default wait) Lock Timeout Dialect Safe thread	Extended Q quoted sensiti autoqu Set null fi	identifier properties d identifiers ve identifier uoted identifier eld SCHEMA
	IK Canc	el Help

Firebird ODBC Setup			X
Data Source Name (D	SN)	Driver	
Projetex 9 Datascour	Firebird ODBC Setu		•
Description			
Database	Conne	ction successful!	
C:\Program Files\AIT			Browse
Client			
C:\Program Files\AIT		ОК	Browse
Database Account			
ODBC		FRUIETER	ODBC
Character Set			
NONE	-	Services T	est connection
Options Transaction read (default write nowait (default w Lock Tim Dialect safe thread	e) ait) ieout © 1	Extended identifier prope Q quoted identifiers sensitive identifier autoquoted identifier Set null field SCHEMA	erties T
	ОК	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.