# D2000 ODBC Driver Installation

Description of ODBC driver files which are located in the *inst_odbc* directory (32-bit version) or *inst_odbc64* directory (64-bit version) in the installation directory:

- d2odbccfg_XX_XX_XX.dll – a library that enables the configuration of ODBC through a user interface (e.g. *d2odbccfg_21_0_70.dll*).
- d2odbcdrv_XX_XX_XX.dll – a library that implements the functionality of the ODBC interface (e.g. *d2odbcdrv_21_0_70.dll*). The library is a client of the D2000 application server and its version must be the same as the application server.

Note: 32-bit ODBC drivers are required for 32-bit programs, and 64-bit ODBC drivers are required for 64-bit programs. The drivers can connect to both 32-bit and 64-bit versions of the D2000.

The ODBC Driver installation must be performed after installing the D2000. It is also possible to install the D2000 ODBC driver on a computer where the D2000 system is not installed.

**The procedure for installing the 32-bit version of the drivers is as follows:**

- Copying files: if the D2000 system is installed on the computer, it is necessary to copy the D2000 ODBC drivers from the *inst_odbc* directory to the bin directory in the installation directory.
  If D2000 is not installed on the computer, in addition to the drivers (*d2odbccfg_XX_XX_XX.dll* and *d2odbcdrv_XX_XX_XX.dll*), the *libtzdate.dll* file and the *locales* directory must be copied to the selected directory (e.g. C:\Windows\System32 or the directory in C:\Program Files). The *locales* directory is located in the installation directory, the *libtzdate.dll* file is in the *bin* subdirectory.
- Driver registration: The *odbcconf* utility is used for registration. Example of running (on 64-bit Windows) for D2000 version 21.0.70 installed in *D:\D2000\D2000_EXE*:
  *%systemroot%/syswow64/odbcconf /A { INSTALLDRIVER "D2000 V21.0.70 Real Time Driver|Driver=D:\D2000\D2000_EXE\bin\d2odbcdrv_21_0_70.dll|Setup=D:\D2000\D2000_EXE\bin\d2odbccfg_21_0_70.dll"}*
  In the example, you need to replace the D2000 version (*V21.0.70*) as well as the library names (*d2odbcdrv_21_0_70.dll* and *d2odbccfg_21_0_70.dll*) and the path to them (*D:\D2000\D2000_EXE\bin*) with your own.

**The procedure for installing the 64-bit version of the drivers is as follows:**

- Copying files: if the D2000 system is installed on the computer, it is necessary to copy the D2000 ODBC drivers from the *inst_odbc64* to the *bin64* directory in the installation directory.
  If D2000 is not installed on the computer, in addition to the drivers (*d2odbccfg_XX_XX_XX.dll* and *d2odbcdrv_XX_XX_XX.dll*), the *libtzdate.dll* file and the *locales* directory must be copied to the selected directory (e.g. C:\Windows\System32 or the directory in C:\Program Files). The *locales* directory is located in the installation directory, the *libtzdate.dll* file is in the *bin64* subdirectory.
- Driver registration: The *odbcconf* utility is used for registration. Example of running for D2000 version 21.0.70 installed in *D:\D2000\D2000_EXE*:
  *%systemroot%/System32/odbcconf /A { INSTALLDRIVER "D2000 V21.0.70 Real Time Driver|Driver=D:\D2000\D2000_EXE\bin64\d2odbcdrv_21_0_70.dll|Setup=D:\D2000\D2000_EXE\bin64\d2odbccfg_21_0_70.dll"}*
  In the example, you need to replace the D2000 version (*V21.0.70*) as well as the library names (*d2odbcdrv_21_0_70.dll* and *d2odbccfg_21_0_70.dll*) and the path to them (*D:\D2000\D2000_EXE\bin64*) with your own.

**LOG files**

LOG files, which contain the debug information, are placed in the directory that is written in a variable ALLUSERSPROFILE. Its value can be obtained in this way:

```
d:\>echo %ALLUSERSPROFILE%

C:\ProgramData
```

Names of log files are *D2ODBC_CFG.log* for *d2odbccfg_XX_XX_XX.dll* and *D2ODBC_DRV.log* for *d2odbcdrv_XX_XX_XX.dll*.

**Original instructions - no longer valid**

ODBC Driver should be installed after installing D2000. It is installed by the file *install.exe,* which is placed in the installation directory \inst_odbc.

File description:

- install.exe - a program that after starting installs or updates ODBC driver "D2000 VXX.XX.XX Real Time Driver" in 32-bit version. The 64-bit version is not available.
- d2odbccfg_XX_XX_XX.dll – a library that enables the configuration of ODBC through a user interface.
- d2odbcdrv_XX_XX_XX.dll – a library that implements the functionality of the ODBC interface. The library is a client of the D2000 application server and its version must be the same as the application server.

**Note:** The names of dll files depend on the version, so after installing, the signs XX in the name are replaced by the number of versions. For example d2odbcdrv_10_1_39.dll.

Installation (install.exe)

- It copies the files *D2installDir\D2000_EXE\inst_odbc\d2odbccfg_10_1_39.dll* and *D2installDir\D2000_EXE\inst_odbc\d2odbcdrv_10_1_39.dll* into the directory % SystemRoot%\system32 (mostly c:\windows\system32).
- It registers ODBC driver in OS. The installation of ODBC driver can be verified in ODBC Data Source Administrator (32-bit version) on the Drivers tab.

Example of successful installation:

```
d:\d2000\D2000_V10.01.039\D2000_EXE\inst_odbc>install.exe
Updating file D2odbcdrv_10_1_39.dll
Updating file D2odbccfg_10_1_39.dll
```

The End

```
d:\d2000\D2000_V10.01.039\D2000_EXE\inst_odbc>
```

The names of both ODBC driver and dll files contain the name of a particular version of D2000 because in OS Windows they share the name position (dll files are copied to the folder c:\windows\system32 and the name of the driver is in the list of available ODBC drivers).

LOG files, which contain the debug information, are placed in the directory that is written in a variable ALLUSERSPROFILE. Its value can be obtained in this way:

```
d:\d2000\D2000_V10.01.039\D2000_EXE\inst_odbc>echo %ALLUSERSPROFILE%

C:\ProgramData
```

```
d:\d2000\D2000_V10.01.039\D2000_EXE\inst_odbc>
```

Names of log files are *D2ODBC_CFG.log* for *d2odbccfg_XX_XX_XX.dll* and *D2ODBC_DRV.log* for *d2odbcdrv_XX_XX_XX.dll.*

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ⓘ **Related pages:**

D2000 ODBC Driver