

ODBC on HFSQL

 **Fix Me!** A1 proofreading not yet effective for this page. In the meantime, you can ask any questions on the [forum](#).

Since the application of the provisions of the 2018 Finance Law establishing drastic restrictions on access to software data, the use of the ODBC driver on Gestan's HFSQL databases is only accessible to [partenaires Gestan](#).

Presentation

 The ODBC driver on HFSQL Classic (single-station or network) is a level 2 ODBC driver which allows access to an HFSQL Classic database, in reading and writing, from any external software managing access via ODBC.

Thus, an application written in a third-party language, for example in Visual Basic, will be able to read and write to Gestan HFSQL files.

Installation

Download the ODBC Driver for HFSQL file from [this page](#), and run the installer.

The ODBC driver will be installed in the "Program Files\Common Files\PC Soft\28.0\ODBC" directory.

The directory may vary depending on the versions of WinDev, so you must replace "28" with the current version in the download link as well as the directory link.

Configuration

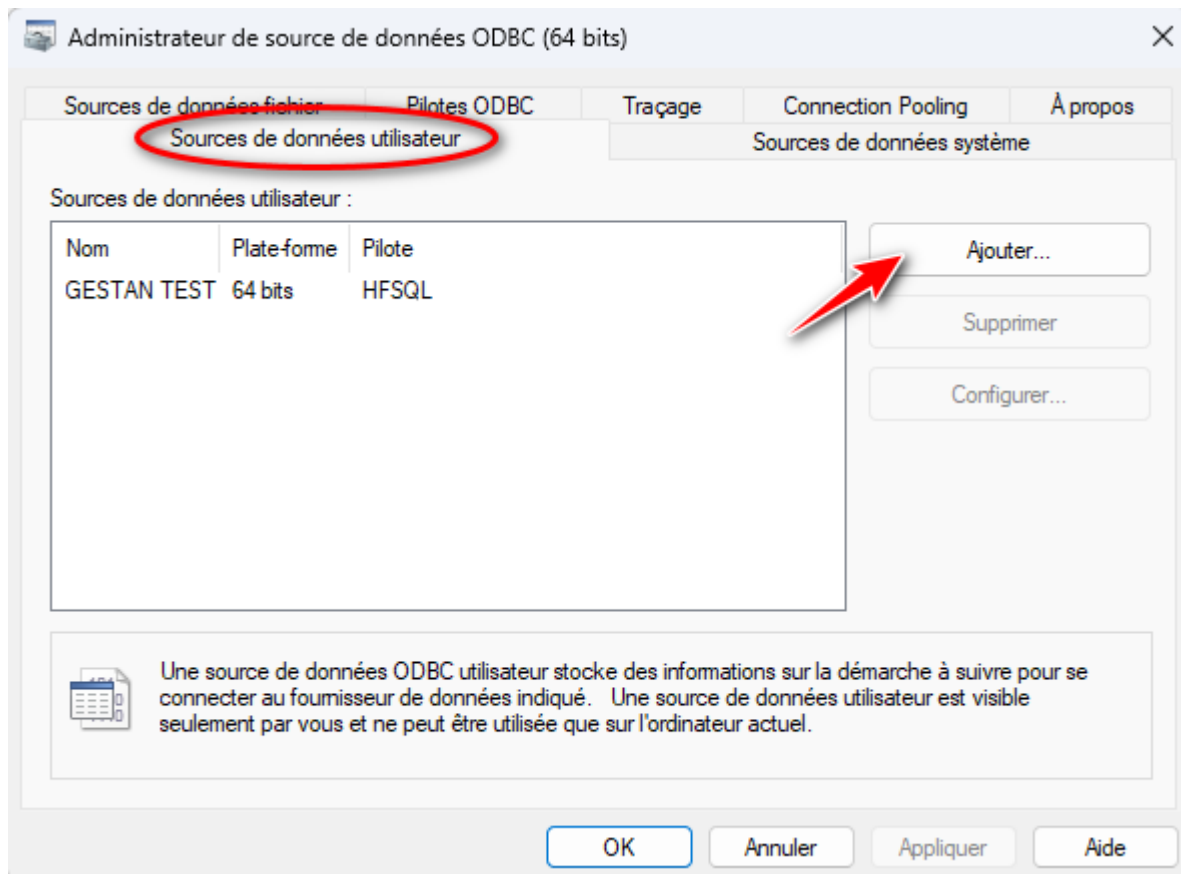
To use the ODBC driver on HFSQL Classic or Client/Server:



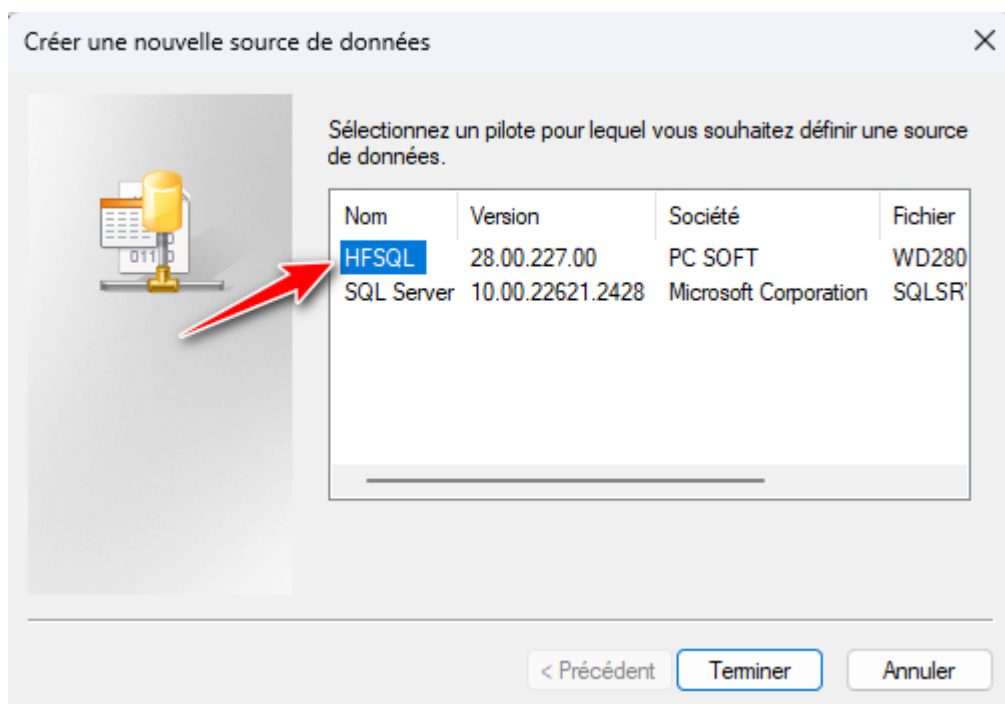
- Launch the ODBC Data Administrator (ODBCAD32.EXE) on your computer. For example, use the Windows "Start..Run" option and enter "ODBCAD32.EXE" (In Windows Vista or higher in 64 bits, launch "c:\windows\syswow64\odbcad32.exe").

 Remember to launch ODBC which corresponds to your version of Driver: if you have installed the 64-bit version of the driver, you must use the 64-bit version of the data administrator. If you use the wrong version you risk not finding the "HyperFileSQL" driver.

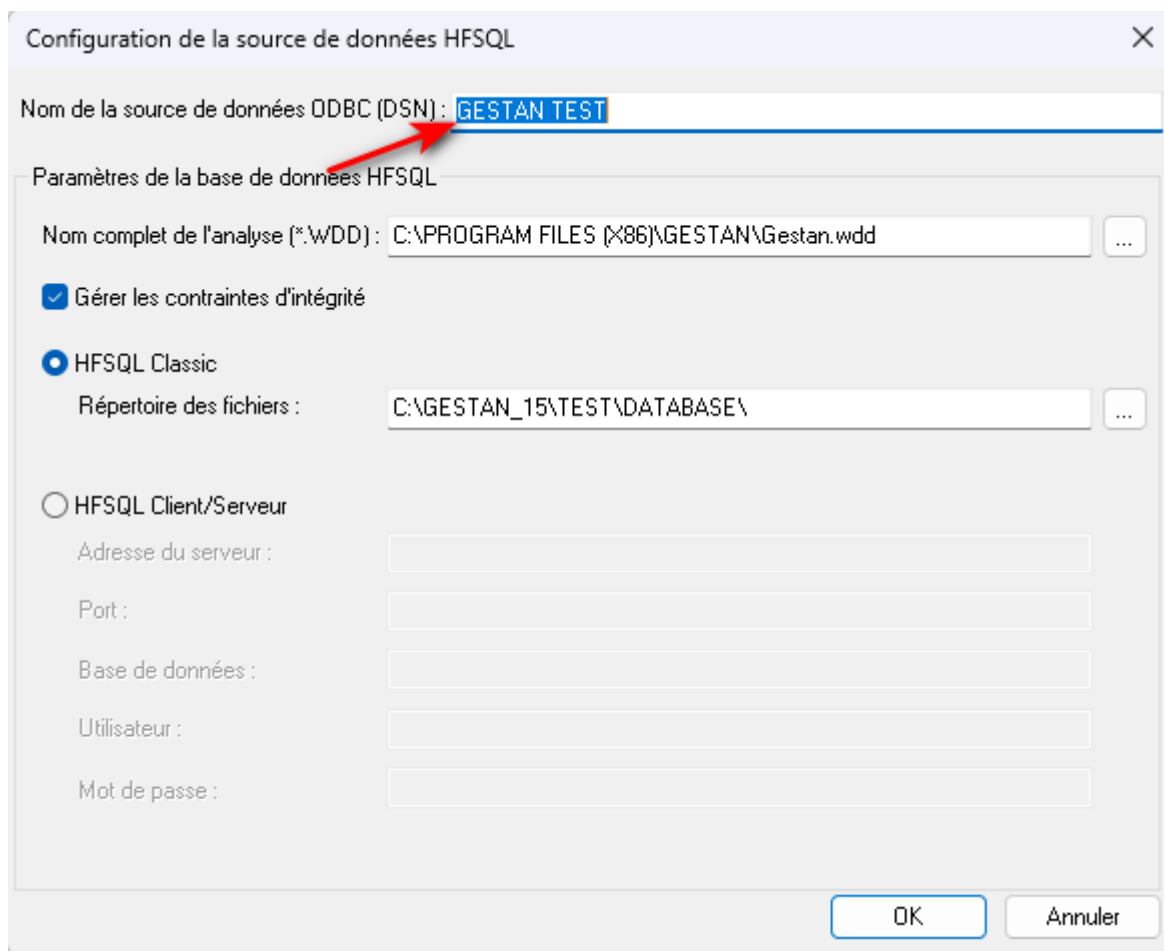
- Select the ☐ User Database ☐ tab.
- Click the "Add" button.



- Select the "HyperFileSQL" driver.



- Click the "Finish" button.
- Enter the name of the HFSQL data source, for example GESTAN. This name will identify the HFSQL database in external programs.



Configuration de la source de données HFSQL

Nom de la source de données ODBC (DSN) : **GESTAN TEST**

Paramètres de la base de données HFSQL

Nom complet de l'analyse (*.WDD) : C:\PROGRAM FILES (X86)\GESTAN\Gestan.wdd ...

☒ Gérer les contraintes d'intégrité

☒ HFSQL Classic

Répertoire des fichiers : C:\GESTAN_15\TEST\DATABASE\ ...

☐ HFSQL Client/Serveur

Adresse du serveur :

Port :

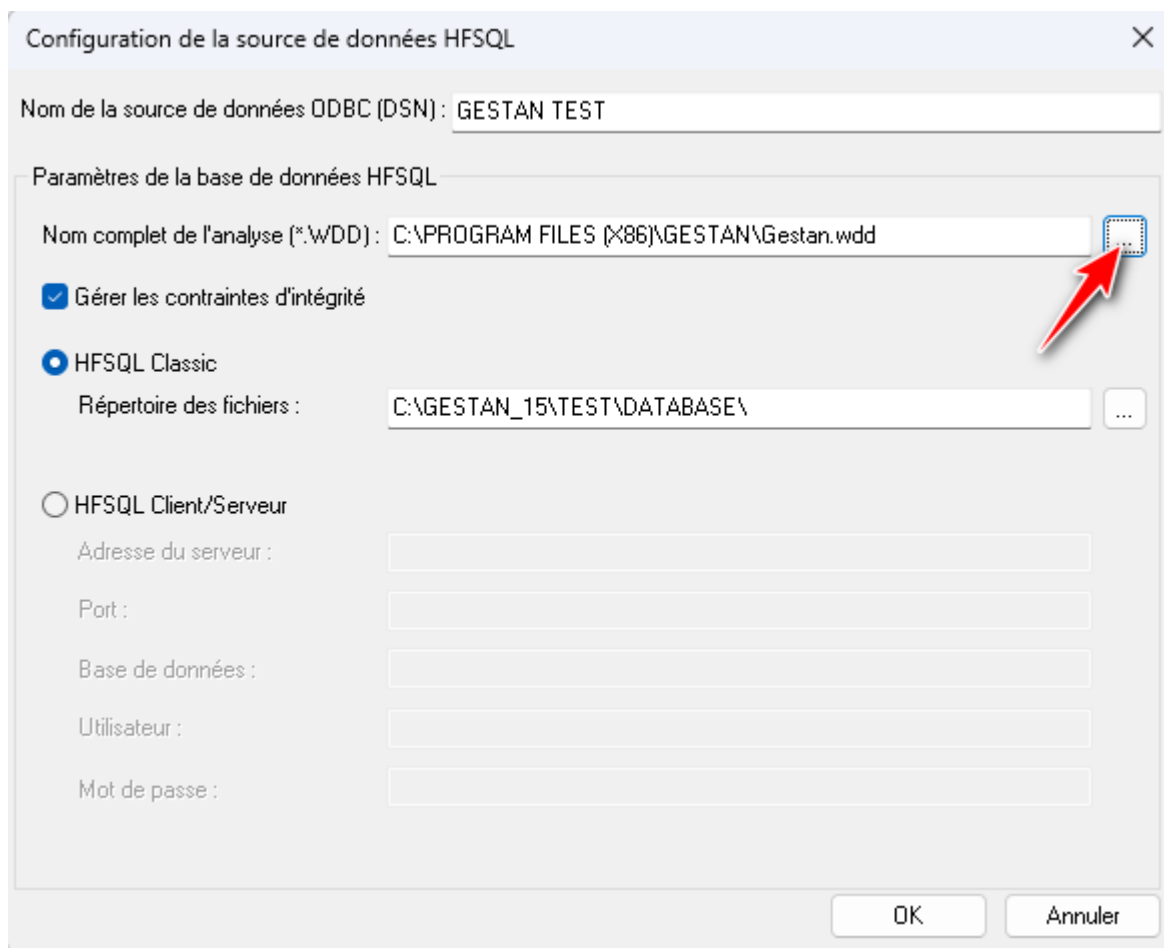
Base de données :

Utilisateur :

Mot de passe :

OK Annuler

- Click on the **Detail** button.



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☒ Gérer les contraintes d'intégrité

☒ HFSQL Classic

Répertoire des fichiers : C:\GESTAN_15\TEST\DATABASE\ ...

☐ HFSQL Client/Serveur

Adresse du serveur :

Port :

Base de données :

Utilisateur :

Mot de passe :

OK Annuler

- Select the WDD file corresponding to the analysis using the browse button. This is gestan.wdd, present in C:\Program Files\Gestan.

If the database is in “HFSQL Classic” format, check the “HFSQL Classic” option then select the corresponding data file directory using the browse button. Validate ([OK] button).

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☒ Gérer les contraintes d'intégrité

☒ HFSQL Classic

Répertoire des fichiers : C:\GESTAN_15\TEST\DATABASE\

☐ HFSQL Client/Serveur

Adresse du serveur :

Port :

Base de données :

Utilisateur :

Mot de passe :

OK Annuler

If the database is in “HFSQL Client/Server” format, check the “HFSQL Client/Server” option and indicate the parameters of the connection to the server: The server address, The port, The name of the database to use, The name of the user used to access the database, The password associated with the user. The password is stored encrypted. Validate ([OK] button).

Configuration de la source de données HFSQL

Nom de la source de données ODBC (DSN) : GESTAN TEST

Paramètres de la base de données HFSQL

Nom complet de l'analyse (*.WDD) : C:\PROGRAM FILES (X86)\GESTAN\Gestan.wdd

☒ Gérer les contraintes d'intégrité

☐ HFSQL Classic

Répertoire des fichiers : C:\GESTAN_15\TEST\DATABASE\

☒ HFSQL Client/Serveur

Adresse du serveur :

Port :

Base de données :

Utilisateur :

Mot de passe :

OK Annuler

The database can be used for reading and writing from external programs via the ODBC driver on HFSQL Classic or Client/Server.

Management of OPEN FILE requests

It is possible to use OPEN FILE type queries on HFSQL files by specifying: the PATH keyword to change the file directory. the USING keyword to specify the file password. The possible syntax is as follows:

```
OPEN FILE <File name> [PATH <File directory>] [USING <File password>]
```

Example :

```
OPEN FILE Client PATH "C:\Temp\My test" USING mypassword
```

It is possible to surround the names of files, directories and the password with quotation marks if these names contain spaces.

Access HFSQL Client/Server files

Thanks to OPEN FILE queries, it is also possible to access HFSQL Client/Server databases. Just specify: the server to use using the SERVER keyword the base to use using the DATABASE keyword the user using the keyword USER the file directory using the PATH keyword

Example :

```
OPEN FILE * SERVER ServerTest DATABASE Example USER Admin PATH []MyBaseHFCS[]
```

Note: It is possible to surround file names, directory names and the password with quotation marks if these names contain spaces.

INSERT type query

When executing an INSERT type query, the SQL.AutoId variable contains the automatic identifier added during the previous INSERT.

Remarks and limitations

- **Deleting a driver** When deleting the DLLs of a driver, it is first necessary to delete data sources using this driver. Otherwise, the application may be blocked.
- **Use the most recent version of the driver** To use the most recent version of a driver, it is necessary to delete the data source and recreate it using the proposed "HyperFileSQL" driver.
- **Access 2000** When importing a table from an ODBC data source into Access 2000, the HFSQL Classic data source must be defined as "Machine Data Source" and not as "Source Data File".
- **Unicode** The ODBC driver supports Unicode.

See the original doc on the PCSoft website: [this page](#).



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