

# Maintenance of HFSQL files



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

Gestan operates a database [HFSQL](#), a DBMS developed by PCSoft, in Classic or Client/Server mode.

This system uses files of file type:

- .FIC file: for example, CONTACT.FIC. .fic files contain the structured data of the file
- .NDX file: contain the data indexes (the [table of contents])
- .MMO file (optional): contain unstructured data, text, binary, images, etc., without size limitation
- .FTX file (optional): contain full-text indexes, to facilitate searches on a set of data.

HFSQL databases can be used freely, and do not require a license.

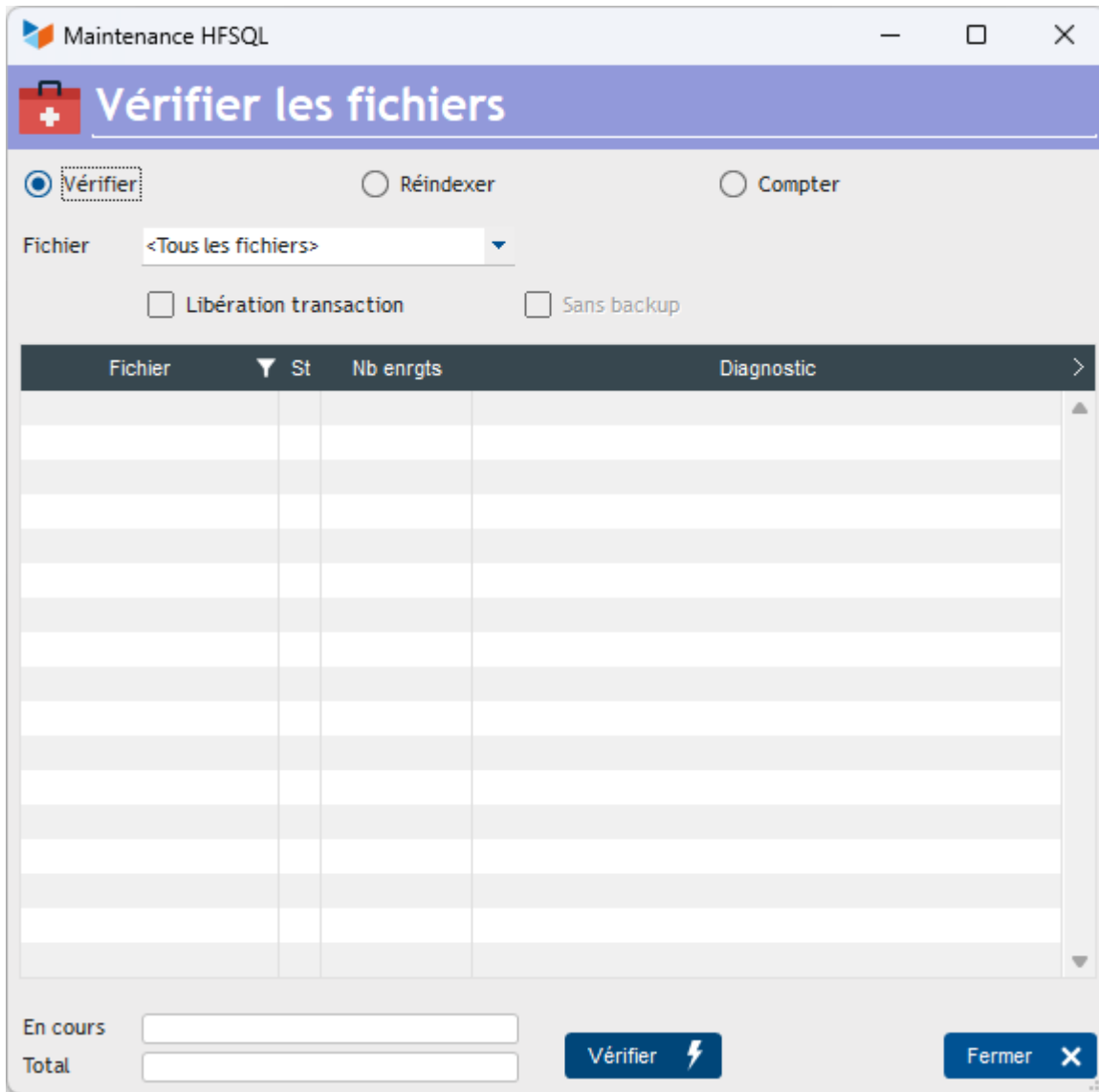
This system is very robust: maintenance is limited to checking the indexes. Indeed, as with any database system, it can happen (network problem, micro-outage, instability of the Wifi network, etc.) that the index files are out of phase and no longer correspond to the data files.

Gestan checks the indexes monthly, but it may be necessary to do this occasionally.

That's what this program is for.

## Using the screen

**Access:** *Tools → Administration → Maintenance → Index of HFSQL files.*



Three work options are available:

- **Check:** simply checks the file index
- **Reindex:** performs reindexing
- **Count:** counts the records contained in the files.

You can process a single file, or the entire database, using the **Files** combo

**Transaction release** allows you to release any interrupted transactions. A transaction is a set of operations that are logically “indivisible”, for example, invoices and invoice lines, which must be recorded together. This check box allows you to return the files to the state allowing new transactions.

Launching a reindexing performs a prior backup of the file concerned or of the database, in the BACKUPS directory (Backup\_REINDEX\_SSYMMDD\_HHMMSSCC.zip). You can, if necessary, disable this backup via the box **without backup**.

### How to deal with an index problem at startup

At startup, Gestan accesses certain files, notably the users file, actions, and scheduled actions. If one

of these files has an index problem, starting Gestan becomes impossible.

You must then open the reindexing screen from the [connection window](#) in Gestan.

If this solution does not work, you must then use the shortcut **“Reindex the Gestan files”**, present in the Gestan program directory (Normally C:\Program Files (x86)\GESTAN). This shortcut opens the reindex screen directly, on the last connected base.



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