

# GetLastExtErrorCode

## %GetLastExtErrorCode function

### Function

The function returns the extended information about the last error.

### Declaration

```
INT %GetLastExtErrorCode( )
```

### Description

The extended information about an error is adjusted by all the actions for work with the [database](#) (DB\_\*, PG\_\*, SQL\_\*, DBS\_\* + actions to control database transactions). The numerical value of an error is gained directly from the database engine, therefore this value depends on its type.

The implementation of database ESL action by [D2000 DBManager](#) can be aborted before calling the database engine due to the detection of an error. These errors are generated by D2000 DBManager and not by the database engine.

Internal errors, generated by D2000 DBManager, are basically negative:

| Code  | Msg   |
|---|---|
| -70 001   | <operation>: Column [row # <row_list>] in table <table_name> cannot be NULL! User defined constraint on D2000 table object was violated.<br><b>Issue:</b> the value is invalid in the column of a table that is marked NOT NULL in D2000.                                 |
| -70 002   | <operation>: table <table_name>, column <column_name>, data length <data_length>, column size in DB <column_size>, aborting operation.<br><b>Issue:</b> Size of inserted or update data is larger than the size of the respective column in the SQL table (e.g. strings). |
| -70 003   | <operation>: table <table_name>, multirow update without keys, aborting operation.<br><b>Issue:</b> <a href="#">DB_Update</a> or <a href="#">DBS_Update</a> was called to update multiple rows at once, and the table in D2000 does not have a key column defined.        |
| -70 004   | <operation>: table <table_name>, no columns to update in database, aborting operation.<br><b>Issue:</b> <a href="#">DB_Update</a> or <a href="#">DBS_Update</a> was called and no columns corresponding to the table definition in D2000 are found in the database table. |
| -70 005   | <operation>: use keys and <row_index>, row affected no rows in the table, aborting operation.<br><b>Issue:</b> <a href="#">DB_Update</a> or <a href="#">DBS_Update</a> did not update any row in the table.   |
| -70 101   | Error when working with a file (DB_*_BLOB scrip actions).   |
| -70 102   | Error will be used when a return code of script action is _ERR_NO_DATA (PG_READ or DB_UPDATE_BLOB).   |
| or the error codes for DBManager, which are listed in the table <a href="#">_ERR_NR_TRANS_EX</a> with <b>reverse sign</b> "-". For example, for <a href="#">TOO_MANY_ROWS_IN_SELECT</a> the value, returned by the function, will be <b>-48</b> . Or, for <a href="#">DBM_DATABASE_OFF</a> , the value will be <b>-52</b> . |   |



#### Related pages:

[ESL extended functions](#)  
[Function arguments - types](#)  
[%GetLastExtErrMsg](#)