

SQL_FETCH

SQL_FETCH action

Function The action reads one or more rows prepared of the SQL command prepared by the action [SQL_PREPARE](#) and optionally [parameterized](#) by the action [SQL_BINDIN](#).

Declaration

SQL_FETCH

handleIdent_Int, retCodeIdent_Int [, maxRowsIdent_Int]

Parameters	handleIdent_Int	in	Identifier - the unique number (handle) of a connection.
	retCodeIdent_Int	out	Return code identifier .
	maxRowsIdent_Int	in	Identifier, which value limits the number of rows read. If is not entered, default value is 1.

Return code The value of the parameter *transHandle_Int*. See the table of [error codes](#). It is possible to get [extended error information](#).

Description The action reads given number of rows and assigns their values to the local variables specified by the action [SQL_PREPARE](#).
MaxRowsIdent_Int is to be used only for the 3rd declaration type of the action [SQL_PREPARE](#). If the value of the parameter is other than 1 for the [declaration types 1, 2](#), or less than 1, the action generates the error [_ERR_RANGE_ERROR](#).
Maximum number of returned rows is limited by a Database configuration parameter [Maximum returned rows](#). If number of available rows exceeds this limit, the local structure *_locVarRecordIdent* specified as parameter of action [SQL_PREPARE](#) will contain first [Maximum returned rows](#) and *retCodeIdent_Int* will be set to error code [_ERR_DATABASE_ROWS_LIMIT](#).

If no row has been read, the value of the parameter *retCodeIdent_Int* is 22 ([_ERR_NO_DATA](#)).

Example [Work with a database \(actions SQL_ ...\)](#).

```
INT _handle      ; handle to database
INT _retCode     ; return code
TEXT _name       ; product name
TEXT _type       ; product type

SQL_CONNECT MyDatabase, _handle, _retCode
SQL_PREPARE _handle, _retCode, _sqlNpar BIND _name, _type

DO_LOOP
    SQL_FETCH _handle, _retCode
    EXIT_LOOP _retCode # _ERR_NO_ERROR
    ; data processing goes here
END_LOOP

SQL_FREE _handle
SQL_DISCONNECT _handle
```

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 - [DB_TRANS_COMMIT](#)
 - [DB_TRANS_ROLLBACK](#)
 - [DB_TRANS_CLOSE](#)
 - [SQL_CONNECT](#)
 - [SQL_DISCONNECT](#)
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 - [SQL_EXEC_PROC](#)
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 - [SQL_BINDIN](#)
 - [SQL_FREE](#)
 - [SQL_SELECT](#)

All database related actions.



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