

# PG\_READ

## PG\_READ action

Function

Declaration

Parameters

Return code

Description

Warning

Note

Example

Related topics

Reading a page from specified table.

PG\_READ

handleIdent\_Int

,

pageNrIdent\_Int

,

locVarArrIdent

,

retCodeIdent\_Int

handleIdent\_Int

in

Identifier of *Int* type (handle) of the connection to a table (returned by the action [PG\\_CONNECT](#)).

pageNrIdent\_Int

in

Identifier of *Int* type of required page number (from 1 ...).

locVarArrIdent

out

Identifier local variable of *Record* type (whole structure) - read result.

retCodeIdent\_Int

out

Identifier of *Int* type - action success.

The value of the parameter *transHandle\_Int*. See the table of [error codes](#). It is possible to get [extended error information](#).

The action will read the specified page from a table, that is opened by the action [PG\\_CONNECT](#). The number of the page is the value of the identifier *pageNrIdent\_Int*. Pages in the table are numbered from one (1 ...). The performance of SQL expression SELECT for Oracle, stated in [PG\\_CONNECT](#), can be influenced by using the Oracle SQL hint (parameter in [PG\\_CONNECT](#)).

If reading is successful (*retCodeIdent\_Int* = *\_ERR\_NO\_ERROR*), then the reading result (required page) is assigned to the local variable *locVarArrIdent\_Int*. In case of need, the local variable array size is changed. The structure type of the local variable must be equal with the type of the table. If the reading result is empty data (the error *\_ERR\_NO\_DATA*), the local array will be resized to the size of 0.

Number of pages (number of rows) may be changed during the work with a database - the effect of the using the actions [PG\\_INSERT](#), [PG\\_DELETE](#).

For MySQL database, the action optimally works when paging through the next page. Data are browsed upwardly from the first page. To access to the previous page, it requires the internal pagination from the beginning.

[Work with a database table \(actions PG\\_ ...\)](#).

[DB\\_TRANS\\_OPEN](#)

[DB\\_TRANS\\_COMMIT](#)

[DB\\_TRANS\\_ROLLBACK](#)

[DB\\_TRANS\\_CLOSE](#)

[PG\\_CONNECT](#)

[PG\\_DISCONNECT](#)

[PG\\_INSERT](#)

[PG\\_DELETE](#)

[PG\\_UPDATE](#)

[All database related actions.](#)



### Related pages:

[Script actions](#)