

PG_READ

PG_READ action

Function

Reading a page from the specified table.

Declaration

```
PG_READ handleIdent_Int, pageNrIdent_Int, locVarArrIdent, retCodeIdent_Int
```

Parameters

handleIdent_Int	in	Identifier of the <i>Int</i> type (handle) of the connection to a table (returned by the action PG_CONNECT).
pageNrIdent_Int	in	Identifier of the <i>Int</i> type of required page number (from 1 ...).
locVarArrIdent	output	Identifier local variable of the <i>Record</i> type (whole structure) - read result.
retCodeIdent_Int	output	Identifier of the <i>Int</i> type - action success.

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 will read the specified page from a table, which 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.

Warning

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](#).

Note

For the 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.

Example

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

Related topics

[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](#)