

GETOLDVAL

GETOLDVAL action

Function

Declaration

Reading of values from the archive of the substation.

GETOLDVAL statIdent, fromTimeIdent_TmA, endTimeIdent_TmA, retIdent_Int, archIdent [MASK mask_txt]

or

GETOLDVAL statIdent, fromTimeIdent_TmA, endTimeIdent_TmA, retIdent_Int NOWAIT [MASK mask_txt]

Parameters

statIdent	in	Reference to a Station type type object.
fromTimeIdent_TmA	in	Identifier of <i>AbsTime</i> type - begin time for reading from the archive.
endTimeIdent_TmA	in	Identifier of <i>AbsTime</i> type - end time for reading from the archive.
retIdent_Int	output	Return code identifier of <i>Int</i> type.
archIdent	in	Reference to a <i>Process</i> type object (archive).
NOWAIT	in	Key word. If it is not entered, the action waits synchronously for the termination of data reading.
MASK	in	Key word.
mask_txt	in	Identifier of <i>Text</i> type - text string that consists of a mask formed from the names of I/O tags for which the values are to be read.

Description

The action will start the backward reading of values from the archive of a [station](#). Time interval is given by the identifiers `fromTimeIdent_TmA` and `endTimeIdent_TmA`. Return code (`retIdent_Int`) gains one of the following values:

- `_ERR_TRANS_ABORT`
- `_ERR_TRANS_ERROR`
- `_ERR_TRANS_IGNORED`
- `_ERR_NO_ERROR`

In case of the first declaration, the action waits for the termination of the reading and archiving of values, if these are archived. In this case it is necessary to archive all I/O tags in one archive. An archive is represented by the identifier `archIdent`. The second declaration only starts the backward reading of values and doesn't wait for its termination. Return values is to be always `_ERR_NO_ERROR`.

If the key word `MASK` and identifier `mask_txt` are defined, the action reads values only for those I/O tags that match the definition, which is entered in the identifier `mask_txt`. For example `mask_txt := "M. RIADENIE*"`.

Note

If backward reading of communication station values is being performed, the flag A is set for the [communication station value](#).



Related pages:

[Script actions](#)