HI_OpenRow

%HI_OpenRow function

Function

The function makes accessible the row values of the object of Structured variable type.

Declaration

```
INT %HI_OpenRow(
  HBJ in refToStruct,
  INT in index
  [BOOL in bAsync := @FALSE]
)
```

Parameters

refToStruct	Reference to the object of Structured variable type.
index	Structured variable row.
bAsync	@TRUE - asynchronous function. @FALSE - synchronous function.

Description

The function makes accessible the values of the structured variable row given by the parameter *index*. The structured variable is defined by the parameter *refToStruct* of HBJ type (for example: SV.Structure\HBJ). Value defined in the parameter *index* is not checked because of the size of the structured variable.

According to the parameter *bAsync*, the function is:

- **Asynchronous** (bAsync = @TRUE)
  The function call is basically a request for updating the values of given row. Therefore the time, when the values will be updated depends on the total system load. Return value of the function is 0.
- **Synchronous** (without the parameter *bAsync*, or bAsync = @FALSE)
  After terminating the function call, the values in the row are updated. Return value of the function is _ERR_NO_ERROR when it was successfully executed.

Note

For purposeful use of the function, there must be enabled filtering the structured variable values - creating an indexed local variable for the structured variable with enabled filtering.

Example

To make accessible the values in the row 5 of the structured variable SV.Structure:

```
INT  _retCode
 TEXT _errMsg

 _retCode := %HI_OpenRow(SV.Structure\HBJ, 5)
 IF  _retCode # _ERR_NO_ERROR THEN
   _errMsg := "%HI_OpenRow(SV.Structure\HBJ ErrorCode = " + %IToStr
(_retCode)

 ELSE  ; values are accessible

 ENDIF
```

Related pages:

Active picture manipulation functions
Indexed local variables
Function arguments - types