

# 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 <a href="#">Structured variable</a> 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](#)