

# GetItemValue

## %GetItemValue function

Function

Declaration

The function retrieves the value of the specified structure item.

```
UNIVAL %GetItemValue(  
    HBJ in objRef,  
    INT in row,  
    INT in col[,  
    BOOL in bHBJ = @FALSE]  
)
```

Parameters

|        |                                                                                                                                                                                                                                                                                                                                                                              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| objRef | Reference to object of <a href="#">Structured variable</a> type.                                                                                                                                                                                                                                                                                                             |
| row    | Row index.                                                                                                                                                                                                                                                                                                                                                                   |
| col    | Column index.                                                                                                                                                                                                                                                                                                                                                                |
| bHBJ   | If the value is <b>@FALSE</b> or parameter is not specified, the function returns value of the field.<br>If the value is <b>@TRUE</b> , the function returns the following according to the column type:<br>- Column type <i>Object</i> : function returns the object identifier (HBJ), which refers to the field<br>- Other column type: function returns the invalid value |

Example

The function provides an alternative method of the access to items of a structure using the row and column index. In this context, structure is taken as a value matrix.  
The following assignments:

```
TEXT _i
```

```
_i := SV.Structure[2]^Text
```

```
_i := %GetItemValue(SV.Structure\HBJ, 2, 1)
```

get the same values.

See also the attribute: [\HBJ](#)

Related pages:

- [Implemented functions](#)
- [Function arguments - types](#)