

GetItemType (ESL Extended Functions)

%GetItemType function

Function

The function detects a type of entered column of the [structure](#) or [structured variable](#).

Declaration

```
INT %GetItemType(  
    HBJ in  objRef,  
    INT in  col  
)
```

Parameters

objRef	An expression of the HBJ type - a reference to an object of Structured variable type or Structure definition .
col	Column index.

Description

The function gets back an invalid value:

- if **objRef** is the reference to unknown object, or the object is not Structured variable type or Structure definition,
- if the value of parameter **col** is out of range which is given by columns number of relevant object.

Value type is expressed by an integer according to the following table:

Column type	Value
Logical	0
Integral	1
Real	2
Absolute time	3
Relative time	4
Text	5
Object	6

Example

```
RECORD (SD.Struct)_rec  
INT _itemType  
  
_itemType := %GetItemType(SD.Struct\HBJ, 1)  
_itemType := %GetItemType(SV.Struct\HBJ, 3)  
_itemType := %GetItemType(_rec\HBJ, 2)
```



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[Function arguments - types](#)