

User functions - example

ArchView - User functions - example

In definition of view, column ***User function*** is **Nasob;2**

The function multiplies the value by parameter (number two) before displaying.

```
Private Function Nasob(ArcBId As Long, Id As Long, NumItems As Long, UserParams As Variant) As Variant
```

```
    Dim D2ObjData As VBApi_TUniVal
```

```
    Dim ret As Long
```

```
    Dim value As Variant
```

```
    ' Initiation
```

```
    If Id = -1 And NumItems = -1 Then
```

```
        On Error GoTo InvalidParams
```

```
        value = UserParams(1) * 2 ' testing the parameter, it must be a number
```

```
        On Error GoTo 0
```

```
        Nasob = RetOk
```

```
        Exit Function
```

```
    End If
```

```
    If Id = NoDataTime Then
```

```
        Nasob = "No data"
```

```
        Exit Function
```

```
    End If
```

```
If Id = NoDataValid Then
```

```
Nasob = "Invalid data"
```

```
Exit Function
```

```
End If
```

```
ret = GetActualD2DataObj(Id, D2ObjData) ' getting the current data
```

```
If ret = RetOk Then
```

```
On Error GoTo InvalidEnum
```

```
value = D2GetSpecificProperty(D2ObjData, D2ValueValue) ' getting the value
```

```
Nasob = value * UserParams(1) ' multiply by 2
```

```
On Error GoTo 0
```

```
Else
```

```
Nasob = "No data"
```

```
End If
```

```
Exit Function
```

```
InvalidEnum:
```

```
Nasob = "Calculation has failed"
```

```
Exit Function
```

```
InvalidParams:
```

```
Nasob = "Ask for parameter Number"
```

```
Exit Function
```

```
End Function
```

**Related pages:**[ArchView - New workbook](#)