

Нумерация в основной надписи

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[Скрипт](#) ищет в чертеже все основные надписи (таблицы) и нумерует. Сортировка - слева направо, сверху вниз

Работает на основных надписях из этого файла: [рамки](#)

[numerator_listov.bas](#)

```
Attribute VB_Name = "numerator_listov"
Option Explicit

Sub numerator_listov()

    'подключаемся к нано
    Dim app As nanoCAD.Application
    Dim ThisDrawing As nanoCAD.Document
    Dim ms As AcadModelSpace
    Dim ut As nanoCAD.Utility
    Dim server As McCOM2.IServer
    Dim spdsobjects As McCOM2.ObjectsCollection
    Set app = GetObject("", "nanoCAD.Application")
    Set ThisDrawing = app.ActiveDocument
    Set ms = ThisDrawing.ModelSpace
    Set ut = ThisDrawing.Utility
    'подключаемся к спдс
    Set server = CreateObject("McCOM2.Server")
    Set spdsobjects = server.Query()
    app.Visible = True 'переключаемся на нано

    ut.Prompt "numerator_listov"

    Dim i As Double
    Dim m As Double
    m = 0
    Dim list(999) As Double, Xpos(999) As Double, Ypos(999) As Double
    Dim temp As Double

    Dim first As Double
    first = ut.GetInteger("Введите номер первого листа")
    ut.Prompt "Ждите"
    first = first - 1

    Dim pt0() As Double
    Dim myobj As McCOM2.Object
```

```

For i = 1 To spdsobjects.Count
    Set myobj = spdsobjects.item(i)
    If (myobj.ClassName = "McCom2.SymTable") Then
        If (myobj.Properties.item(1).Value = "КЖ_основная_надпись")
Then
            m = m + 1
            pt0 = myobj.Position
            list(m) = i
            Xpos(m) = pt0(1)
            Ypos(m) = Format((pt0(2) -
myobj.Properties.item(3).Value * 59.5) / 3000, "0")
            End If
        End If
    Next

Dim a As Double, b As Double
For a = 1 To m - 1
    For b = 1 To m - 1
        If Xpos(b) > Xpos(b + 1) Then
            temp = Xpos(b)
            Xpos(b) = Xpos(b + 1)
            Xpos(b + 1) = temp

            temp = list(b)
            list(b) = list(b + 1)
            list(b + 1) = temp

            temp = Ypos(b)
            Ypos(b) = Ypos(b + 1)
            Ypos(b + 1) = temp
        End If
    Next
Next
For a = 1 To m - 1
    For b = 1 To m - 1
        If Ypos(b) < Ypos(b + 1) Then
            temp = Xpos(b)
            Xpos(b) = Xpos(b + 1)
            Xpos(b + 1) = temp

            temp = list(b)
            list(b) = list(b + 1)
            list(b + 1) = temp

            temp = Ypos(b)
            Ypos(b) = Ypos(b + 1)
            Ypos(b + 1) = temp
        End If
    Next
Next

```

```
For i = 1 To m
    Set myobj = spdsobjects.item(list(i))
    myobj.Cell(7, 9).text = first + i
Next

ut.Prompt "Готово"
End Sub
```

[swell](#), [excel](#), [vba](#), [спдс](#)