

## How to set custom functions with spreadsheet sdk in VB.NET and ByteScout Data Extraction Suite

If you want to learn more then this tutorial will show how to set custom functions with spreadsheet sdk in VB.NET

Quickly learn how to set custom functions with spreadsheet sdk in VB.NET with this sample source code. ByteScout Data Extraction Suite is the set that includes 3 SDK products for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK and you can use it to set custom functions with spreadsheet sdk with VB.NET.

The SDK samples given below describe how to quickly make your application do set custom functions with spreadsheet sdk in VB.NET with the help of ByteScout Data Extraction Suite. IF you want to implement the functionality, just copy and paste this code for VB.NET below into your code editor with your app, compile and run your application. Applying VB.NET application mostly includes various stages of the software development so even if the functionality works please test it with your data and the production environment.

Trial version of ByteScout Data Extraction Suite is available for free. Source code samples are included to help you with your VB.NET app.

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Source Code Files:

```
Imports Bytescout.Spreadsheet
```

```
Module Module1
```

```
    ' This example demonstrates the calculation of custom functions.
```

```
    Sub Main()
```

```
        ' Create Spreadsheet instance
```

```
        Dim spreadsheet As New Spreadsheet()
        spreadsheet.RegistrationName = "demo"
        spreadsheet.RegistrationKey = "demo"
```

```
        ' Load document
```

```
        spreadsheet.LoadFromFile("CustomFuncExample.xlsx")
```

```
        ' Add custom formula handler
```

```
        spreadsheet.CustomFunctionsCallback = AddressOf MyFunctions
```

```
        ' Calculate the first worksheet
```

```
        Dim worksheet = spreadsheet.Workbook.Worksheets(0)
        worksheet.Calculate()
```

```
        ' Save calculated values to neighbor cells to demonstrate custom functions are
        worksheet("C2").Value = worksheet("B2").Value
        worksheet("C3").Value = worksheet("B3").Value
        worksheet("C4").Value = worksheet("B4").Value
```

```
        ' Save modified spreadsheet
```

```
        spreadsheet.SaveAs("result.xlsx")
```

```
        ' Cleanup
```

```
        spreadsheet.Dispose()
```

```
        ' Open saved spreadsheet in associated application (for demo purpose)
```

```
        Process.Start("result.xlsx")
```

```
    End Sub
```

```
    Private Function MyFunctions(ByVal funcname As String, ByVal args As Object(), ByRef
```

```
        ' Handle "CUSTOMFUNC_FACTORIAL" function
```

```
        If String.Compare(funcname, "CUSTOMFUNC_FACTORIAL", StringComparison.OrdinalIg
```

```
            handled = True
```

```
            ' Compute factorial
```

```
            If args.Length > 0 Then
```

```
                Dim value As Integer = args(0)
```

```
                If value = 0 Or value = 1 Then
```

```
                    Return 1
```

```
                End If
```

```
                Dim f As Integer = 1
```

```

        For i As Integer = 1 To value
            f = f * i
        Next

        Return f
    End If

    Return Nothing
End If

' Handle "CUSTOMFUNC_SUM" function
If String.Compare(funcname, "CUSTOMFUNC_SUM", StringComparison.OrdinalIgnoreCase) = 0 Then

    handled = True

    ' Compute the sum of values
    If args.Length > 0 Then

        Dim sum As Double

        For Each o As Object In args
            sum = sum + o
        Next

        Return sum
    End If

    Return Nothing
End If

Return Nothing
End Function
End Module

```

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## VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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