

## validate cells with dates with spreadsheet sdk in VB.NET using ByteScout Barcode Suite

Build validate cells with dates with spreadsheet sdk in VB.NET

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Step-by-step instructions on how to do validate cells with dates with spreadsheet sdk in VB.NET

Every ByteScout tool includes sample VB.NET source codes that you can find here or in the folder with installed ByteScout product. ByteScout Barcode Suite helps with validate cells with dates with spreadsheet sdk in VB.NET. ByteScout Barcode Suite is the set that includes three different SDK products to generate barcodes, read barcodes and read and write spreadsheets: Barcode SDK, Barcode Reader SDK and Spreadsheet SDK.

The below SDK samples describe how to quickly make your application do validate cells with dates with spreadsheet sdk in VB.NET with the help of ByteScout Barcode Suite. If you want to implement this functionality, you should copy and paste code below into your app using code editor. Then compile and run your application. These VB.NET sample examples can be used in one or many applications.

Trial version can be downloaded from our website for free. It contains this and other source code samples for VB.NET.

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# Source Code Files:

Module1.vb

```
Imports Bytescout.Spreadsheet
Imports System.IO

Module Module1

    Sub Main()

        ' in this sample we scan cells with ages data for people
        ' then mark all dates where age is between 10 and 19 years and mark these cells with red

        ' Create new Spreadsheet
        Dim document As New Spreadsheet()
        document.LoadFromFile("Data.xls")

        ' Get worksheet by name
        Dim worksheet As Worksheet = document.Workbook.Worksheets.ByName("Sample")

        ' Years range
        Dim RangeMin As Integer = 10
        Dim RangeMax As Integer = 19

        ' Minimum age
        Dim YearMin As DateTime = DateTime.Now
        ' Maximum age
        Dim YearMax As DateTime = DateTime.Now

        ' Minimum year
        YearMax = YearMax.AddYears(-RangeMin)
        ' Maximum year
        YearMin = YearMin.AddYears(-RangeMax)

        ' Check dates
        For i As Integer = 1 To 7
            ' Set current cell
            Dim currentCell As Cell = worksheet.Cell(i, 1)

            Dim dateBirth As DateTime = currentCell.ValueAsDateTime

            ' Check current cell
            If dateBirth < YearMin Or dateBirth > YearMax Then
                ' Set fill pattern
                currentCell.FillPattern = Bytescout.Spreadsheet.Constants.PatternStyle

                ' Markup wrong cell by red color
                currentCell.FillPatternForeColor = System.Drawing.Color.Red
            End If

            ' Set cell format
            currentCell.NumberFormatString = "dd.mm.yyyy"
        Next
    End Sub
End Module
```

```
' remove output file if already exists
If File.Exists("Output.xls") Then
    File.Delete("Output.xls")
End If

' Save document
document.SaveAs("Output.xls")

' Close Spreadsheet
document.Close()

' open in default spreadsheets viewer/editor
Process.Start("Output.xls")

End Sub

End Module
```

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## VIDEO

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

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