

How to reduce cpu usage with barcode reader sdk in VB.NET using ByteScout Data Extraction Suite

Learn to code in VB.NET to reduce cpu usage with barcode reader sdk with this step-by-step tutorial

The sample source codes on this page shows how to reduce cpu usage with barcode reader sdk in VB.NET. 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 reduce cpu usage with barcode reader sdk with VB.NET.

Want to save time? You will save a lot of time on writing and testing code as you may just take the VB.NET code from ByteScout Data Extraction Suite for reduce cpu usage with barcode reader sdk below and use it in your application. Follow the instructions from scratch to work and copy the VB.NET code. If you want to use these VB.NET sample examples in one or many applications then they can be used easily.

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.BarCodeReader
```

```
Class Program
```

```
    Friend Shared Sub Main(args As String())
```

```
        ' Barcode reader instance
```

```
        Dim reader As New Reader()
```

```
        reader.RegistrationName = "demo"
```

```
        reader.RegistrationKey = "demo"
```

```
        'If you are reading barcodes from PDF Then you may reduce CPU And RAM load Usin
```

```
        '- instead of using All1D Or All2D barcode types, set it to the specific types
```

```
        '- reduce PDF rendering resolution to 200-150 dpi (depends on your document)
```

```
        '- set specific pages to read barcodes from. If you have barcodes on 2 first pa
```

```
        '- if barcodes are always located / printed in the same corner then also speci
```

```
        ' Input filename
```

```
        Dim inputFileName As String = "barcode_multipage.pdf"
```

```
        ' Set specific barcode type to read
```

```
        reader.BarcodeTypesToFind.Code128 = True
```

```
        ' Reduce PDF rendering resolution
```

```
        reader.PDFRenderingResolution = 150
```

```
        ' Set specific area to read from
```

```
        reader.CustomAreaLeft = 407
```

```
        reader.CustomAreaTop = 494
```

```
        reader.CustomAreaHeight = 605
```

```
        reader.CustomAreaWidth = 999
```

```
        ' Set specific page to read from along with filename
```

```
        reader.ReadFromPdfFilePage(inputFileName, 1, 1)
```

```
        ' Get all found barcodes
```

```
        Dim barcodes As FoundBarcode() = reader.FoundBarcodes
```

```
        ' Display found barcodes
```

```
        Console.WriteLine("Reading barcode(s) from PDF file...")
```

```
        For Each barcode As FoundBarcode In barcodes
```

```
            Console.WriteLine("Found Barcode - Type: '{0}', Value: '{1}'", barcode.Type
```

```
        Next
```

```
        ' Cleanup
```

```
        reader.Dispose()
```

```
        Console.WriteLine()
```

```
        Console.WriteLine("Press any key to continue.")
```

```
        Console.ReadKey()
```

```
    End Sub
```

```
End Class
```

VIDEO

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

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