

## How to reduce cpu usage with barcode reader sdk in VB.NET and ByteScout Premium Suite

Learn to reduce cpu usage with barcode reader sdk in VB.NET

Reduce cpu usage with barcode reader sdk is simple to apply in VB.NET if you use these source codes below. ByteScout Premium Suite can reduce cpu usage with barcode reader sdk. It can be applied from VB.NET. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

These VB.NET code samples for VB.NET guide developers to speed up coding of the application when using ByteScout Premium Suite. This VB.NET sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Complete and detailed tutorials and documentation are available along with installed ByteScout Premium Suite if you'd like to learn more about the topic and the details of the API.

ByteScout Premium Suite free trial version is available on our website. VB.NET and other programming languages are supported.

FOR MORE INFORMATION AND FREE TRIAL:

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[Read more about ByteScout Premium Suite](#)

[Explore API Documentation](#)

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[visit www.Bytescout.com](http://www.Bytescout.com)

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
```

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## VIDEO

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

## ON-PREMISE OFFLINE SDK

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