

How to generate barcode for barcode generator API in VB.NET with PDF.co Web API

See how to generate barcode to have barcode generator API in VB.NET

Sample source codes below will show you how to cope with a difficult task, for example, barcode generator API in VB.NET. Barcode generator API in VB.NET can be implemented with PDF.co Web API. PDF.co Web API is the flexible Web API that includes full set of functions from e-signature requests to data extraction, OCR, images recognition, pdf splitting and pdf splitting. Can also generate barcodes and read barcodes from images, scans and pdf.

This rich sample source code in VB.NET for PDF.co Web API includes the number of functions and options you should do calling the API to implement barcode generator API. Sample code in VB.NET is all you need. Copy-paste it to your the code editor, then add a reference to PDF.co Web API and you are ready to try it! Code testing will allow the function to be tested and work properly with your data.

PDF.co Web API - free trial version is on available our website. Also, there are other code samples to help you with your VB.NET application included into trial version.

VB.NET - Module1.vb

```
Imports System.IO
Imports System.Net
Imports Newtonsoft.Json.Linq

Module Module1

    ' The authentication key (API Key).
    ' Get your own by registering at https://app.pdf.co/documentation/api
    Const API_KEY As String = "*****"

    ' Result file name
    Const ResultFileName As String = ".\barcode.png"
    ' Barcode type. See valid barcode types in the documentation
https://app.pdf.co/documentation/api/1.0/barcode/generate.html
    Const BarcodeType As String = "Code128"
    ' Barcode value
    Const BarcodeValue As String = "qweasd123456"

    Sub Main()

        ' Create standard .NET web client instance
        Dim webClient As WebClient = New WebClient()

        ' Set API Key
```

```

webClient.Headers.Add("x-api-key", API_KEY)

' Prepare URL for `Barcode Generator` API call
Dim query As String = Uri.EscapeUriString(string.Format(
    "{1}&value={2}",
    Path.GetFileName(ResultFileName),
    BarcodeType,
    BarcodeValue))

Try
    ' Execute request
    Dim response As String = webClient.DownloadString(query)

    ' Parse JSON response
    Dim json As JObject = JObject.Parse(response)

    If json("error").ToObject(Of Boolean) = False Then

        ' Get URL of generated barcode image file
        Dim resultFileURI As string = json("url").ToString()

        ' Download the image file
        webClient.DownloadFile(resultFileURI, ResultFileName)

        Console.WriteLine("Generated barcode saved to ""{0}""
file.", ResultFileName)

    Else
        Console.WriteLine(json("message").ToString())
    End If

Catch ex As WebException
    Console.WriteLine(ex.ToString())
End Try

webClient.Dispose()

Console.WriteLine()
Console.WriteLine("Press any key...")
Console.ReadKey()

End Sub

End Module

```



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