

How to generate PDF invoice from HTML template for HTML to PDF API in VB.NET using PDF.co Web API

Step By Step Tutorial: how to generate PDF invoice from HTML template for HTML to PDF API in VB.NET

Here you may find thousands pre-made source code pieces for easy implementation in your own programming projects. HTML to PDF 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 HTML to PDF API. Follow the instruction and copy - paste code for VB.NET into your project's code editor. Enjoy writing a code with ready-to-use sample VB.NET codes to implement HTML to PDF API using PDF.co Web API.

Our website provides free trial version of PDF.co Web API that includes source code samples to help with your VB.NET project.

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Source Code Files:

ByteScoutWebApiExample.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 15
VisualStudioVersion = 15.0.26730.10
MinimumVisualStudioVersion = 10.0.40219.1
Project("{F184B08F-C81C-45F6-A57F-5ABD9991F28F}") = "ByteScoutWebApiExample", "ByteScoutWebApiExample.sln"
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
        {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Debug|Any CPU.ActiveCfg = Debug|Any CPU
        {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.Build.0 = Release|Any CPU
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
    GlobalSection(ExtensibilityGlobals) = postSolution
        SolutionGuid = {4576C9BB-A42D-46A8-9198-7E2982E122FA}
    EndGlobalSection
EndGlobal
```

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 = "*****"

    ' HTML template
    Dim template As String = File.ReadAllText(".\invoice_template.html")
    ' Data to fill the template
    Dim templateData As String = File.ReadAllText(".\invoice_data.json")
    ' Destination PDF file name
    Const DestinationFile As String = ".\result.pdf"

    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)

Try
    ' Prepare URL for HTML to PDF API call
    Dim request As String = Uri.EscapeUriString(String.Format(
        "https://api.pdf.co/v1/pdf/convert/from/html?name={0}"
        Path.GetFileName(DestinationFile)))

    ' Prepare request body in JSON format
    Dim jsonObject As JObject = New JObject(
        New JProperty("html", template),
        New JProperty("templateData", templateData))

    webClient.Headers.Add("Content-Type", "application/json")

    ' Execute request
    Dim response As String = webClient.UploadString(request, jsonObject)

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

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

        ' Get URL of generated PDF file
        Dim resultFileUrl As String = json("url").ToString()

        webClient.Headers.Remove("Content-Type") ' remove the header

        ' Download the PDF file
        webClient.DownloadFile(resultFileUrl, DestinationFile)

        Console.WriteLine("Generated PDF document saved as ""{0}""", DestinationFile)

    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

```

packages.config

```
<?xml version="1.0" encoding="utf-8"?>
<packages>
  <package id="Newtonsoft.Json" version="10.0.3" targetFramework="net40" />
</packages>
```

VIDEO

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

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