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How to PDF make searchable API in VB.NET with ByteScout Cloud API Server

Learn to code in VB.NET to PDF make searchable API with this step-by-step tutorial

These sample source codes on this page below are displaying how to PDF make searchable API in VB.NET. ByteScout Cloud API Server is the ready to deploy Web API Server that can be deployed in less than thirty minutes into your own in-house Windows server (no Internet connnection is required to process data!) or into private cloud server. Can store data on in-house local server based storage or in Amazon AWS S3 bucket. Processing data solely on the server using built-in ByteScout powered engine, no cloud services are used to process your data! and you can use it to PDF make searchable API with VB.NET.

These VB.NET code samples for VB.NET guide developers to speed up coding of the application when using ByteScout Cloud API Server. Just copy and paste the code into your VB.NET application's code and follow the instructions. Check VB.NET sample code samples to see if they respond to your needs and requirements for the project.

If you want to try other source code samples then the free trial version of ByteScout Cloud API Server is available for download from our website. Just try other source code samples for VB.NET.

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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", "ByteScou
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
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Debug|Any CPU.Build.0 = Debug|A
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.ActiveCfg = Rele
                {9B91124C-66C3-4BD9-B29E-168C1ABB15AC}.Release|Any CPU.Build.0 = Releas
        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

' Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://loc
' If it's not then please replace this with with your hosting url.
Module Module1

        ' Direct URL of source PDF file.
        Const SourceFileUrl As String = "https://bytescout-com.s3.amazonaws.com/files/
        ' Comma-separated list of page indices (or ranges) to process. Leave empty for
        const Pages as String = ""
        ' PDF document password. Leave empty for unprotected documents.
        const Password As string = ""
        ' OCR language. "eng", "fra", "deu", "spa"  supported currently. Let us know i
        const Language as String = "eng"
        ' Destination PDF file name
        const DestinationFile as string = ".\result.pdf"
```

```
        Sub Main()

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

                ' Prepare URL for `Make Searchable PDF` API call
                Dim query As String = Uri.EscapeUriString(String.Format(
                        "https://localhost/pdf/makesearchable?name={0}&password={1}&pag
                        Path.GetFileName(DestinationFile),
                        Password,
                        Pages,
                        Language,
                        SourceFileUrl))

                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 PDF file
                                Dim resultFileUrl As String = json("url").ToString()

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

                                Console.WriteLine("Generated PDF file saved as ""{0}""

                        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
```

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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