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How to convert DOC to PDF from URL asynchronously for DOC to PDF API in VB.NET with ByteScout Cloud API Server

Learn to write code convert DOC to PDF from URL asynchronously for DOC to PDF API in VB.NET: Simple How To Tutorial

This page displays the step-by-step instructions and algorithm of how to convert DOC to PDF from URL asynchronously and how to apply it in your application. DOC to PDF API in VB.NET can be applied with ByteScout Cloud API Server. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing..

Use the code displayed below in your application to save a lot of time on writing and testing code. Follow the tutorial and copy - paste code for VB.NET into your project's code editor. Use of ByteScout Cloud API Server in VB.NET is also described in the documentation given along with the product.

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

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Cloud API Server

Explore API Documentation

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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 System.Threading
Imports Newtonsoft.Json.Linq

' Cloud API asynchronous "DOC To PDF" job example.
' Allows to avoid timeout errors when processing huge or scanned PDF documents.

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

Module Module1

        ' Direct URL of source DOC or DOCX file.
        Const SourceFileUrl As String = "https://bytescout-com.s3.amazonaws.com/files/
        ' Destination PDF file name
```

```
Const DestinationFile As String = ".\result.pdf"
' (!) Make asynchronous job
Const Async As Boolean = True

Sub Main()

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

        ' Prepare URL for `DOC To PDF` API call
        Dim query As String = Uri.EscapeUriString(String.Format(
                "https://localhost/pdf/convert/from/doc?name={0}&url={1}&async=
                Path.GetFileName(DestinationFile),
                SourceFileUrl,
                Async))

        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

                        ' Asynchronous job ID
                        Dim jobId As String = json("jobId").ToString()
                        ' URL of generated PDF file that will available after t
                        Dim resultFileUrl As String = json("url").ToString()

                        ' Check the job status in a loop.
                        ' If you don't want to pause the main thread you can re
                        ' to use a separate thread for the status checking and
                        Do
                                Dim status As String = CheckJobStatus(jobId) '

                                ' Display timestamp and status (for demo purpos
                                Console.WriteLine(DateTime.Now.ToLongTimeString

                                If status = "success" Then

                                        ' Download PDF file
                                        webClient.DownloadFile(resultFileUrl, D

                                        Console.WriteLine("Generated PDF file s
                                        Exit Do

                                ElseIf status = "working" Then

                                        ' Pause for a few seconds
                                        Thread.Sleep(3000)

                                Else

                                        Console.WriteLine(status)
                                        Exit Do

                                End If

                        Loop
```

```
                        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

        Function CheckJobStatus(jobId As String) As String

                Using webClient As WebClient = New WebClient()

                        Dim url As String = "https://localhost/job/check?jobid=" + jobI

                        Dim response As String = webClient.DownloadString(url)
                        Dim json As JObject = JObject.Parse(response)

                        return Convert.ToString(json("status"))

                End Using

        End Function

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

ON-PREMISE OFFLINE SDK

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