

How to convert images to PDF from urls asynchronously for image to PDF API in VB.NET using PDF.co Web API

See how to convert images to PDF from urls asynchronously to have image to PDF API in VB.NET

ByteScout tutorials explain the code material for beginners and advanced programmers who are using VB.NET. PDF.co Web API was made to help with image to PDF API in VB.NET. PDF.co Web API is the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate 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 image to PDF API. For implimentation of this functionality, please copy and paste code below into your app using code editor. Then compile and run your app. Code testing will allow the function to be tested and work properly with your data.

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

VB.NET - Module1.vb

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

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

Module Module1

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

    ' Direct URLs of image files to convert to PDF document
    Dim SourceFiles As String() = {
        "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-
        api/image-to-pdf/image1.png",
        "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-
        api/image-to-pdf/image2.jpg"}
    ' 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()

    ' Set API Key
    webClient.Headers.Add("x-api-key", API_KEY)

    ' Prepare URL for `Image To PDF` API call
    Dim query As String = Uri.EscapeUriString(String.Format(
        "https://api.pdf.co/v1/pdf/convert/from/image?name={0}&url={1}&async={2}",
        Path.GetFileName(DestinationFile),
        String.Join(",", SourceFiles),
        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
            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
            ' to use a separate thread for the status checking
            ' and completion.
            Do
                Dim status As String = CheckJobStatus(jobId)
                ' Possible statuses: "working", "failed", "aborted", "success".
                ' Display timestamp and status (for demo
                ' purposes)
                Console.WriteLine(DateTime.Now.ToLongTimeString() + ": " + status)

                If status = "success" Then

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

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

                    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()

        ' Set API Key
        webClient.Headers.Add("x-api-key", API_KEY)

        Dim url As String = "https://api.pdf.co/v1/job/check?jobid="
+ jobId

        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

```

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

FOR MORE INFORMATION AND FREE TRIAL:

[Visit www.ByteScout.com](http://www.ByteScout.com)

[Download Free Trial SDK \(on-premise version\)](#)

or

[Get Your Free API Key for www.PDF.co Web API](#)