

batch check folder against JSON settings in VB.NET using ByteScout PDF Extractor SDK

batch check folder against JSON settings in VB.NET

The sample source codes on this page will demonstrate you how to make batch check folder against JSON settings in VB.NET. Batch check folder against JSON settings in VB.NET can be implemented with ByteScout PDF Extractor SDK. ByteScout PDF Extractor SDK is the Software Development Kit (SDK) that is designed to help developers with data extraction from unstructured documents like pdf, tiff, scans, images, scanned and electronic forms. The library is powered by OCR, computer vision and AI to provide unique functionality like table detection, automatic table structure extraction, data restoration, data restructuring and reconstruction. Supports PDF, TIFF, PNG, JPG images as input and can output CSV, XML, JSON formatted data. Includes full set of utilities like pdf splitter, pdf merger, searchable pdf maker.

Fast application programming interfaces of ByteScout PDF Extractor SDK for VB.NET plus the instruction and the VB.NET code below will help you quickly learn batch check folder against JSON settings. This VB.NET sample code should be copied and pasted into your application's code editor. Then just compile and run it to see how it works. Further enhancement of the code will make it more vigorous.

Our website provides free trial version of ByteScout PDF Extractor SDK. It comes along with all these source code samples with the goal to help you with your VB.NET application implementation.

VB.NET - Program.vb

```
Imports Bytescout.PDFExtractor
Imports System.IO
Imports Newtonsoft.Json

Class Program

    Friend Shared Sub Main(args As String())

        Try

            ' Get all settings VM
            Dim allSettings As SettingsVM = GetSettingsVM("settings.json")

            ' Create Bytescout.PDFExtractor.TextExtractor instance
            Dim extractor As New TextExtractor()
            extractor.RegistrationName = "demo"
            extractor.RegistrationKey = "demo"

            For Each fileName As String In Directory.GetFiles("InputFiles")

                ' Load sample PDF document
```

```

        extractor.LoadDocumentFromFile(fileName)

        ' Enable regex search
        extractor.RegexSearch = True

        ' Get Number of pages PDF contains
        Dim pageCount As Int32 = extractor.GetPageCount()

        For iPage As Int32 = 0 To pageCount - 1

            ' Loop through all search settings
            For Each itmSearchSetting As Settings In allSettings.Settings

                ' If found, then copy file to sub-category folder
                If extractor.Find(iPage, itmSearchSetting.regex, False) Then

                    ' If Directory does Not exists, then create them
                    If (Not Directory.Exists($"{allSettings.MainFolderName}/{itmSearchSetting.category}")) Then
                        Directory.CreateDirectory($"{allSettings.MainFolderName}/{itmSearchSetting.category}")
                    End If

                    ' Copy File
                    File.Copy(fileName, $"{allSettings.MainFolderName}/{itmSearchSetting.category}/{Path.GetFileName(fileName)}",
                        True)

                    End If
                Next
            Next
        Next

        ' Cleanup
        extractor.Dispose()

        Catch ex As Exception

            Console.WriteLine("Error: " + ex.Message)

        End Try

        Console.WriteLine()
        Console.WriteLine("Press any key to continue...")
        Console.ReadLine()

    End Sub

    Shared Function GetSettingsVM(ByVal settingsFileName As String) As SettingsVM

        Dim allJson As String = File.ReadAllText(settingsFileName)

        Return JsonConvert.DeserializeObject(Of SettingsVM)(allJson)

    End Function

End Class

```

VB.NET - SettingsVM.vb

```
Imports System.Collections.Generic

Public Class SettingsVM

    Public MainFolderName As String

    Public Settings As List(Of Settings)

End Class

Public Class Settings

    Public category As String
    Public regex As String

End Class
```

VB.NET - packages.config

FOR MORE INFORMATION AND FREE TRIAL:

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

[Read more about ByteScout PDF Extractor SDK](#)

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