

batch check folder against json settings with pdf extractor sdk in VB.NET with ByteScout PDF Suite

Learn to code batch check folder against json settings with pdf extractor sdk in VB.NET: How-To tutorial

These source code samples are assembled by their programming language and functions they use. Batch check folder against json settings with pdf extractor sdk in VB.NET can be applied with ByteScout PDF Suite. ByteScout PDF Suite is the bundle that provides six different SDK libraries to work with PDF from generating rich PDF reports to extracting data from PDF documents and converting them to HTML. This bundle includes PDF (Generator) SDK, PDF Renderer SDK, PDF Extractor SDK, PDF to HTML SDK, PDF Viewer SDK and PDF Generator SDK for Javascript.

If you want to quickly learn then these fast application programming interfaces of ByteScout PDF Suite for VB.NET plus the guideline and the VB.NET code below will help you quickly learn batch check folder against json settings with pdf extractor sdk. If you want to implement this functionality, you should copy and paste code below into your app using code editor. Then compile and run your application. Enjoy writing a code with ready-to-use sample VB.NET codes to implement batch check folder against json settings with pdf extractor sdk using ByteScout PDF Suite.

Our website gives free trial version of ByteScout PDF Suite. It includes all these source code samples with the purpose to assist you with your VB.NET application implementation.

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Source Code Files:

BatchCheckFolderAgainstJsonSettings.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 15
VisualStudioVersion = 15.0.27703.2026
MinimumVisualStudioVersion = 10.0.40219.1
Project("{F184B08F-C81C-45F6-A57F-5ABD9991F28F}") = "BatchCheckFolderAgainstJsonSettings", "BatchCheckFolderAgainstJsonSettings.csproj", "{E3DD983F-D2E9-48C1-B528-A8A1B2D2E7B4}"
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
        {EA267CB0-792B-4CBF-ACCC-7560A1451771}.Debug|Any CPU.ActiveCfg = Debug|Any CPU
        {EA267CB0-792B-4CBF-ACCC-7560A1451771}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {EA267CB0-792B-4CBF-ACCC-7560A1451771}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {EA267CB0-792B-4CBF-ACCC-7560A1451771}.Release|Any CPU.Build.0 = Release|Any CPU
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
    GlobalSection(ExtensibilityGlobals) = postSolution
        SolutionGuid = {E3DD983F-D2E9-48C1-B528-A8A1B2D2E7B4}
    EndGlobalSection
EndGlobal
```

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($"{allSettings.MainFolderName}\{itmSearchSetting.categoryName}")) Then
                            Directory.CreateDirectory($"{allSettings.MainFolderName}\{itmSearchSetting.categoryName}")
                        End If

                        ' Copy File
                        File.Copy(fileName, $"{allSettings.MainFolderName}\{itmSearchSetting.categoryName}\{fileName}")

                    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

```

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
```

packages.config

```
<?xml version="1.0" encoding="utf-8"?>
<packages>
  <package id="Newtonsoft.Json" version="12.0.2" targetFramework="net40" />
</packages>
```

VIDEO

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

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