

## batch check folder against JSON settings with PDF extractor SDK in C# with ByteScout Premium Suite

Build batch check folder against JSON settings with PDF extractor SDK in C#

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Step-by-step instructions on how to do batch check folder against JSON settings with PDF extractor SDK in C#

An easy to understand guide to learn how to batch check folder against JSON settings with PDF extractor SDK in C#. ByteScout Premium Suite was created to assist batch check folder against JSON settings with PDF extractor SDK in C#. ByteScout Premium Suite is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

This rich and prolific sample source code in C# for ByteScout Premium Suite contains various functions and options you should do calling the API to implement 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. Further improvement of the code will make it more robust.

Our website gives free trial version of ByteScout Premium Suite. It includes all these source code samples with the purpose to assist you with your C# 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("{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}") = "BatchCheckFolderAgainstJsonSettings", "BatchCheckFolderAgainstJsonSettings.csproj", "{99735776-2956-463D-9795-EBCE16928C30}"
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
        {99735776-2956-463D-9795-EBCE16928C30}.Debug|Any CPU.ActiveCfg = Debug|Any CPU
        {99735776-2956-463D-9795-EBCE16928C30}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {99735776-2956-463D-9795-EBCE16928C30}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {99735776-2956-463D-9795-EBCE16928C30}.Release|Any CPU.Build.0 = Release|Any CPU
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
    GlobalSection(ExtensibilityGlobals) = postSolution
        SolutionGuid = {F42644BA-B778-4A7A-941F-CC608E834EB1}
    EndGlobalSection
EndGlobal
```

### Program.cs

```
using BatchCheckFolderAgainstJsonSettings;
using Bytescout.PDFExtractor;
using Newtonsoft.Json;
using System;
using System.IO;

namespace FindUsAddressRegex
{
    class Program
    {
        static void Main(string[] args)
        {
        }
    }
}
```

```

try
{
    // Get all settings VM
    var allSettings = GetSettingsVM("settings.json");

    // Create Bytescout.PDFExtractor.TextExtractor instance
    TextExtractor extractor = new TextExtractor();
    extractor.RegistrationName = "demo";
    extractor.RegistrationKey = "demo";

    foreach (var fileName in Directory.GetFiles("InputFiles"))
    {
        // Load sample PDF document
        extractor.LoadDocumentFromFile(fileName);

        // Enable regex search
        extractor.RegexSearch = true;

        // Get Number of pages PDF contains
        int pageCount = extractor.GetPageCount();

        for (int iPage = 0; iPage < pageCount; iPage++)
        {
            // Loop through all search settings
            foreach (var itmSearchSetting in allSettings.Settings)
            {
                // If found, then copy file to sub-category folder
                if(extractor.Find(iPage, itmSearchSetting.regex, false))
                {
                    // If Directory does not exists, then create them
                    if (!Directory.Exists($"{allSettings.MainFolder}"))
                    {
                        Directory.CreateDirectory($"{allSettings.MainFolder}");
                    }

                    // Copy File
                    File.Copy(fileName, $"{allSettings.MainFolder}");
                }
            }
        }

        // Cleanup
        extractor.Dispose();
    }
    catch (Exception ex)
    {
        Console.WriteLine("Error: " + ex.Message);
    }

    Console.WriteLine();
    Console.WriteLine("Press enter key to continue...");
    Console.ReadLine();
}

/// <summary>
/// Get Settings VM
/// </summary>
private static SettingsVM GetSettingsVM(string settingsFileName)
{

```

```
        var allJson = File.ReadAllText(settingsFileName);

        return JsonConvert.DeserializeObject<SettingsVM>(allJson);
    }
}
}
```

## SettingsVM.cs

```
using System;
using System.Collections.Generic;
using System.Text;

namespace BatchCheckFolderAgainstJsonSettings
{
    public class SettingsVM
    {
        public string MainFolderName { get; set; }
        public List<Settings> Settings { get; set; }
    }

    public class Settings
    {
        public string category { get; set; }
        public string regex { get; set; }
    }
}
```

## packages.config

```
<?xml version="1.0" encoding="utf-8"?>
<packages>
  <package id="Newtonsoft.Json" version="12.0.2" targetFramework="net20" />
</packages>
```

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VIDEO

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

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