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check if OCR is required for PDF with PDF extractor SDK in C# and ByteScout Premium Suite

How to apply ByteScout Premium Suite for check if OCR is required for PDF with PDF extractor SDK in C#

An easy to understand guide to learn how to check if OCR is required for PDF with PDF extractor SDK in C#. ByteScout Premium Suite was made to help with check if OCR is required for PDF with PDF extractor SDK in C#. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

If you want to quickly learn then these fast application programming interfaces of ByteScout Premium Suite for C# plus the guideline and the C# code below will help you quickly learn check if OCR is required for PDF 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. Updated and detailed documentation and tutorials are available along with installed ByteScout Premium Suite if you'd like to learn more about the topic and the details of the API.

If you want to try other samples for C# then free trial version of ByteScout Premium Suite is available on our website.

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Source Code Files:

Program.cs

```
using Bytescout.PDFExtractor;
using System;

namespace CheckIfOCRIIsRequired
{
    class Program
    {
        static void Main(string[] args)
        {
            try
            {
                // Loop through all files in directory and check whether OCR operation
                foreach (string filePath in System.IO.Directory.GetFiles("InputFiles"))
                {
                    _CheckOCRRequired(filePath);
                }
            }
            catch (Exception ex)
            {
                Console.WriteLine("Error: " + ex.Message);
            }

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

        /// <summary>
        /// Check whether OCR Operation is required
        /// </summary>
        /// <param name="filePath"></param>
        private static void _CheckOCRRequired(string filePath)
        {
            //Read all file content...
            using (TextExtractor extractor = new TextExtractor())
            {
                extractor.RegistrationKey = "demo";
                extractor.RegistrationName = "demo";

                // Load document
                extractor.LoadDocumentFromFile(filePath);
                Console.WriteLine("\n*****\n\nFilePath: {0}", filePath);

                int pageIndex = 0;

                // Identify OCR operation is recommended for page
                if (extractor.IsOCRRecommendedForPage(pageIndex))
                {
                    Console.WriteLine("\nOCR Recommended: True");

                    // Enable Optical Character Recognition (OCR)
                    // in .Auto mode (SDK automatically checks if needs to use OCR or not)
                }
            }
        }
    }
}
```

```
        extractor.OCRMode = OCRMode.Auto;

        // Set the location of language data files
        extractor.OCRLanguageDataFolder = @"c:\Program Files\Bytescout PDF

        // Set OCR language
        extractor.OCRLanguage = "eng"; // "eng" for english, "deu" for Ger
        // Find more language files at https://github.com/bytescout/ocrdata

        // Set PDF document rendering resolution
        extractor.OCRResolution = 300;
    }
    else
    {
        Console.WriteLine("\nOCR Recommended: False");
    }

    //Read all text
    var allExtractedText = extractor.GetText();
    Console.WriteLine("\nExtracted Text:\n{0}\n\n", allExtractedText);
}

}

}
```

VIDEO

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

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