

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

Learn to code in C# to make check if OCR is required for PDF with PDF extractor SDK with this simple How-To tutorial

ByteScout tutorials describe the stuff for programmers who use C#. Check if OCR is required for PDF with PDF extractor SDK in C# can be applied with ByteScout Data Extraction Suite. ByteScout Data Extraction Suite is the set that includes 3 SDK products for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK.

Save time on writing and testing code by using the code below and use it in your application. If you want to know how it works, then this C# sample code should be copied and pasted into your application's code editor. Then just compile and run it. This basic programming language sample code for C# will do the whole work for you in implementing check if OCR is required for PDF with PDF extractor SDK in your app.

On our website you may get trial version of ByteScout Data Extraction Suite for free. Source code samples are included to help you with your C# application.

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Source Code Files:

```

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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