ocr analyser in pdf with pdf extractor sdk in VB.NET and ByteScout PDF Suite

How to apply ByteScout PDF Suite for ocr analyser in pdf with pdf extractor sdk in VB.NET

We regularly create and update our sample code library so you may quickly learn ocr analyser in pdf with pdf extractor sdk and the step-by-step process in VB.NET. ByteScout PDF Suite helps with ocr analyser in pdf with pdf extractor sdk in VB.NET. ByteScout PDF Suite is the set that includes 6 SDK products 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.

Save time on writing and testing code by using the code below and use it in your application. Follow the steps-by-step instructions from the scratch to work and copy and paste code for VB.NET into your editor. Updated and detailed documentation and tutorials are available along with installed ByteScout PDF Suite if you'd like to learn more about the topic and the details of the API.

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Source Code Files:

Program.vb

```vb
Imports System.Drawing
Imports Bytescout.PDFExtractor

' This example demonstrates the use of OCR Analyser - a tooling class for analysis of
' in PDF or raster image formats to find best parameters for Optical Character Recogni
' provide highest recognition quality.

' To make OCR work you should add the following references to your project:
' 'Bytescout.PDFExtractor.dll', 'Bytescout.PDFExtractor.OCRExtension.dll'.

Class Program

    Friend Shared Sub Main(args As String())

        ' Input document
        Dim inputDocument As String = ".\sample_ocr.pdf"

        ' Document page index
        Dim pageIndex As Integer = 0

        ' Area of the document page to perform the analysis (optional).
        ' RectangleF.Empty means the full page.
        Dim rectangle As RectangleF = RectangleF.Empty ' New RectangleF(100, 50, 350, 2

        ' Location of OCR language data files
        Dim ocrLanguageDataFolder As String = "c:\Program Files\Bytescout PDF Extractor

        ' OCR language
        Dim ocrLanguage As String = "eng" ' "eng" for english, "deu" for German, "fra"
        ' Find more language files at https://github.com/bytescout/ocrdata/tree/master

        ' Create OCRAnalyzer instance and activate it with your registration informatio
        Using ocrAnalyzer As New OCRAnalyzer("demo", "demo")

            ' Display analysis progress
            AddHandler ocrAnalyzer.ProgressChanged, Sub(sender, message, progress, ByR
                                                        Console.WriteLine(message)
                                                    End Sub

            ' Load document to OCRAnalyzer
            ocrAnalyzer.LoadDocumentFromFile(inputDocument)

            ' Setup OCRAnalyzer
            ocrAnalyzer.OCRLanguage = ocrLanguage
            ocrAnalyzer.OCRLanguageDataFolder = ocrLanguageDataFolder

            ' Set page area for analysis (optional)
            ocrAnalyzer.SetExtractionArea(rectangle)

            ' Perform analysis and get results
            Dim analysisResults As OCRAnalysisResults = ocrAnalyzer.AnalyzeByOCRConfide

            ' Now extract page text using detected OCR parameters
```

```vbnet
            Dim outputDocument As String = ".\result.txt"

            ' Create TextExtractor instance
            Using textExtractor As TextExtractor = New TextExtractor("demo", "demo")

                ' Load document to TextExtractor
                textExtractor.LoadDocumentFromFile(inputDocument)

                ' Setup TextExtractor
                textExtractor.OCRMode = OCRMode.Auto
                textExtractor.OCRLanguageDataFolder = ocrLanguageDataFolder
                textExtractor.OCRLanguage = ocrLanguage

                ' Apply analysys results to TextExtractor instance
                ocrAnalyzer.ApplyResults(analysisResults, textExtractor)

                ' Set extraction area (optional)
                textExtractor.SetExtractionArea(rectangle)

                ' Save extracted text to file
                textExtractor.SaveTextToFile(outputDocument)

                ' Open output file in default associated application (for demonstration
                System.Diagnostics.Process.Start(outputDocument)

            End Using

        End Using

    End Sub

End Class
```

VIDEO

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