How to read text from noisy image with pdf extractor sdk in VB.NET and ByteScout Premium Suite

Learn to read text from noisy image with pdf extractor sdk in VB.NET

An easy to understand guide on how to read text from noisy image with pdf extractor sdk in VB.NET with this source code sample. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can read text from noisy image with pdf extractor sdk in VB.NET.

This prolific sample source code in VB.NET for ByteScout Premium Suite contains various functions and other necessary options you should do calling the API to read text from noisy image with pdf extractor sdk. IF you want to implement the functionality, just copy and paste this code for VB.NET below into your code editor with your app, compile and run your application. This basic programming language sample code for VB.NET will do the whole work for you to read text from noisy image with pdf extractor sdk.

Trial version of ByteScout Premium Suite is available for free. Source code samples are included to help you with your VB.NET app.

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Source Code Files:

Program.vb

```vb
Imports Bytescout.PDFExtractor

Module Program

    Sub Main()

        Try

            Using extractor As New TextExtractor()

                ' Load noisy image document
                extractor.LoadDocumentFromFile("sample.png")

                ' Set the font repairing OCR mode
                extractor.OCRMode = OCRMode.TextFromImagesAndVectorsAndRepairedFonts

                ' Set the location of OCR language data files
                extractor.OCRLanguageDataFolder = "c:\Program Files\Bytescout PDF Extr

                ' Set OCR language
                extractor.OCRLanguage = "eng" ' "eng" For english, "deu" For German, "
                ' Find more language files at https://github.com/bytescout/ocrdata

                ' Set PDF document rendering resolution
                extractor.OCRResolution = 300

                ' You can also apply various preprocessing filters
                ' to improve the recognition on low-quality scans.

                Console.WriteLine("Please wait while PDF Extractor SDK is processing n

                ' Automatically deskew skewed scans
                extractor.OCRImagePreprocessingFilters.AddDeskew()

                ' Remove vertical Or horizontal lines (sometimes helps to avoid OCR eng
                ' extractor.OCRImagePreprocessingFilters.AddVerticalLinesRemover();
                ' extractor.OCRImagePreprocessingFilters.AddHorizontalLinesRemover();

                ' Repair broken letters
                extractor.OCRImagePreprocessingFilters.AddDilate()

                ' Remove noise
                extractor.OCRImagePreprocessingFilters.AddMedian()

                ' Apply Gamma Correction
                extractor.OCRImagePreprocessingFilters.AddGammaCorrection()

                ' Add Contrast
                ' extractor.OCRImagePreprocessingFilters.AddContrast(20)

                ' (!) You can use New OCRAnalyser class to find an optimal set of image
                ' filters for your specific document.
                ' See "OCR Analyser" example.

                ' Read all text
```

```vb
                Dim allText = extractor.GetText()

                Console.Clear()
                Console.WriteLine("Extracted Text: ")
                Console.WriteLine(allText)

            End Using

        Catch ex As Exception
            Console.Clear()
            Console.WriteLine("Exception: " + ex.Message)
        End Try

        Console.WriteLine("Press any key to exit...")
        Console.ReadLine()

    End Sub

End Module
```

VIDEO

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

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