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

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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.
```

```vb
            ' See "OCR Analyser" example.

            ' Read all text
            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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