How to convert scanned pdf to text with pdf extractor sdk in VB.NET with ByteScout Premium Suite

Learning is essential in computer world and the tutorial below will demonstrate how to convert scanned pdf to text with pdf extractor sdk in VB.NET

This sample source code below will display you how to convert scanned pdf to text with pdf extractor sdk in VB.NET. ByteScout Premium Suite is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can be applied to convert scanned pdf to text with pdf extractor sdk using VB.NET.

These VB.NET code samples for VB.NET guide developers to speed up coding of the application when using ByteScout Premium Suite. Follow the instructions from scratch to work and copy the VB.NET code. This basic programming language sample code for VB.NET will do the whole work for you to convert scanned pdf to text with pdf extractor sdk.

You can download free trial version of ByteScout Premium Suite from our website with this and other source code samples for VB.NET.

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Source Code Files:

Program.vb

```vb
Imports Bytescout.PDFExtractor

' This example demonstrates the use of Optical Character Recognition (OCR) to extract
' from scanned PDF documents and raster images.

' 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())

        ' Create Bytescout.PDFExtractor.TextExtractor instance
        Dim extractor As New TextExtractor()
        extractor.RegistrationName = "demo"
        extractor.RegistrationKey = "demo"

        ' Load sample PDF document
        extractor.LoadDocumentFromFile("sample_ocr.pdf")

        ' 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 OCR language data files
        extractor.OCRLanguageDataFolder = "c:\Program Files\Bytescout PDF Extractor SDK

        ' Set OCR language
        extractor.OCRLanguage = "eng"  ' "eng" for english, "deu" for German, "fra" for
        ' 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.

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

        ' Remove vertical or horizontal lines (sometimes helps to avoid OCR engine's po
        '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
```

```vbnet
        ' extractor.OCRImagePreprocessingFilters.AddContrast(20)


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


        ' Save extracted text to file
        extractor.SaveTextToFile("output.txt")

        ' Cleanup
            extractor.Dispose()

        ' Open output file in default associated application
        System.Diagnostics.Process.Start("output.txt")

    End Sub

End Class
```

VIDEO

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

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