www.bytescout.com

ocr (optical character recognition) and pdf with pdf extractor sdk in VB.NET using ByteScout Premium Suite

ocr (optical character recognition) and pdf with pdf extractor sdk in VB.NET

These source code samples are assembled by their programming language and functions they use. Ocr (optical character recognition) and pdf with pdf extractor sdk in VB.NET can be applied with ByteScout Premium Suite. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

VB.NET code snippet like this for ByteScout Premium Suite works best when you need to quickly implement ocr (optical character recognition) and pdf with pdf extractor sdk in your VB.NET application. Just copy and paste this VB.NET sample code to your VB.NET application's code editor, add a reference to ByteScout Premium Suite (if you haven't added yet) and you are ready to go! These VB.NET sample examples can be used in one or many applications.

On our website you may get trial version of ByteScout Premium Suite for free. Source code samples are included to help you with your VB.NET application.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Premium Suite

Explore API Documentation

Get Free Training for ByteScout Premium Suite

Get Free API key for Web API

visit www.ByteScout.com

Source Code Files:

Program.vb

```
Imports Bytescout.PDFExtractor

' This example demonstrates the use of Optical Character Recognition (OCR) to extract t
' 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 pa
        '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 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

ON-PREMISE OFFLINE SDK

60 Day Free Trial or Visit ByteScout Premium Suite Home Page
Explore ByteScout Premium Suite Documentation
Explore Samples
Sign Up for ByteScout Premium Suite Online Training

ON-DEMAND REST WEB API

Get Your API Key
Explore Web API Docs
Explore Web API Samples

visit www.ByteScout.com

visit www.PDF.co

www.bytescout.com