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ocr with best dataset with pdf extractor sdk in VB.NET and ByteScout Premium Suite

Learn to code in VB.NET to make ocr with best dataset with pdf extractor sdk with this simple How-To tutorial

These source code samples are assembled by their programming language and functions they use. ByteScout Premium Suite was made to help with ocr with best dataset with pdf extractor sdk in VB.NET. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

Want to speed up the application development? Then this VB.NET, code samples for VB.NET, developers help to speed up the application development and writing a code when using ByteScout Premium Suite. 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! Use of ByteScout Premium Suite in VB.NET is also described in the documentation included along with the product.

If you want to try other samples for VB.NET then free trial version of ByteScout Premium Suite is available on our website.

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Source Code Files:

```
Imports Bytescout.PDFExtractor
```

```
' This example demonstrates the use of Optical Character Recognition (OCR) to extract text
' 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 French
```

```
        ' Find more language files at https://github.com/bytescout/ocrdata/tree/master
```

```
        ' 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 problems)
```

```
        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>

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