

## ocr with fast dataset with pdf extractor sdk in VB.NET with ByteScout Data Extraction Suite

### Learn ocr with fast dataset with pdf extractor sdk in VB.NET

The example source codes on this page will display you how to make ocr with fast dataset with pdf extractor sdk in VB.NET. Ocr with fast dataset with pdf extractor sdk in VB.NET can be applied with ByteScout Data Extraction Suite. ByteScout Data Extraction Suite is the set that includes 3 SDK products for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK.

VB.NET code snippet like this for ByteScout Data Extraction Suite works best when you need to quickly implement ocr with fast dataset with pdf extractor sdk in your VB.NET application. To use ocr with fast dataset with pdf extractor sdk in your VB.NET project or application just copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample VB.NET codes to add ocr with fast dataset with pdf extractor sdk functions using ByteScout Data Extraction Suite in VB.NET.

Our website gives free trial version of ByteScout Data Extraction Suite. It includes all these source code samples with the purpose to assist you with your VB.NET application implementation.

FOR MORE INFORMATION AND FREE TRIAL:

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[Read more about ByteScout Data Extraction Suite](#)

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[visit www.Bytescout.com](http://www.Bytescout.com)

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
```

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## VIDEO

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

## ON-PREMISE OFFLINE SDK

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## ON-DEMAND REST WEB API

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