

How to convert scanned pdf to csv with pdf extractor sdk in VB.NET with ByteScout PDF Suite

Learn to code in VB.NET to convert scanned pdf to csv with pdf extractor sdk with this step-by-step tutorial

These sample source codes on this page below are displaying how to convert scanned pdf to csv with pdf extractor sdk in VB.NET. ByteScout PDF Suite is the set that includes 6 SDK products to work with PDF from generating rich PDF reports to extracting data from PDF documents and converting them to HTML. This bundle includes PDF (Generator) SDK, PDF Renderer SDK, PDF Extractor SDK, PDF to HTML SDK, PDF Viewer SDK and PDF Generator SDK for Javascript. It can convert scanned pdf to csv with pdf extractor sdk in VB.NET.

These VB.NET code samples for VB.NET guide developers to speed up coding of the application when using ByteScout PDF Suite. Simply copy and paste in your VB.NET project or application you and then run your app! Further improvement of the code will make it more robust.

ByteScout PDF Suite free trial version is available on our website. VB.NET and other programming languages are supported.

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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.CSVExtractor instance
```

```
        Dim extractor As New CSVExtractor()
```

```
        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\Languages"
```

```
        ' 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
```

```
        ' 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.OCRIImagePreprocessingFilters.AddContrast(20)
```

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

```
' Save extracted text to file  
extractor.SaveCSVToFile("output.csv")
```

```
' Cleanup  
extractor.Dispose()
```

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

```
End Sub
```

```
End Class
```

VIDEO

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

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