

How to convert PDF to JSON with PDF extractor SDK in Powershell using ByteScout Premium Suite

This code in Powershell shows how to convert PDF to JSON with PDF extractor SDK with this how to tutorial

An easy to understand guide on how to convert PDF to JSON with PDF extractor SDK in Powershell with this source code sample. Want to convert PDF to JSON with PDF extractor SDK in your Powershell app? ByteScout Premium Suite is designed for it. ByteScout Premium Suite is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

These Powershell code samples for Powershell guide developers to speed up coding of the application when using ByteScout Premium Suite. This Powershell sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Complete and detailed tutorials and documentation are available along with installed ByteScout Premium Suite if you'd like to learn more about the topic and the details of the API.

Trial version of ByteScout Premium Suite is available for free. Source code samples are included to help you with your Powershell app.

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Source Code Files:

pdf-to-json.bat

```
@echo off

if "%~1"==" " (
    echo -----
    echo Invalid parameter!
    echo -----
    echo Usage: pdf-to-json.bat folder_path
    echo Example: pdf-to-json.bat "c:\documents"
    echo -----
    if not "%NOPAUSE%"=="1" pause
    exit /b 1
)

powershell -NoProfile -ExecutionPolicy Bypass -Command "& .\pdf-to-json.ps1" "%1"
echo Script finished with errorlevel=%errorlevel%

pause
```

pdf-to-json.ps1

```
Param(
    [Parameter(Mandatory = $true)]
    [string] $InputFolder = ""
)

# Add reference to Bytescout.PDFExtractor.dll assembly
Add-Type -Path "c:\Program Files\Bytescout PDF Extractor SDK\net4.00\Bytescout.PDFExtractor.dll"

# Check input folder exists
if ((Test-Path $InputFolder) -eq $false) {
    Write-Host "Target folder does not exist." -ForegroundColor Red
    exit 0
}

# Create and activate JSONExtractor instance
$jsonExtractor = New-Object Bytescout.PDFExtractor.JSONExtractor
$jsonExtractor.RegistrationName = "demo"
$jsonExtractor.RegistrationKey = "demo"

try {
    # Get PDF files from input folder
    $files = Get-ChildItem -Path $InputFolder -Recurse -Include "*.pdf"
    foreach ($file in $files) {
        Write-Host "Input file" $file.FullName
        # Construct output file name
    }
}
```

```
$jsonFileName = [System.IO.Path]::ChangeExtension($file.FullName, "json")
Write-Host "  Output file" $jsonFileName
# Load PDF document
$jsonExtractor.LoadDocumentFromFile($file.FullName)
# Disable the formatting reconstruction
$jsonExtractor.PreserveFormattingOnTextExtraction = $false
# Extract first page to JSON
$jsonExtractor.SaveJSONToFile(0, $jsonFileName)
# Reset extractor
$jsonExtractor.Reset()
}
}
catch {
    Write-Host $_.Exception.Message
}

$jsonExtractor.Dispose()
```

VIDEO

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

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