

How to convert PDF to CSV from uploaded file for PDF to CSV API in PowerShell and PDF.co Web API

Step By Step Tutorial: how to convert PDF to CSV from uploaded file for PDF to CSV API in PowerShell

Every ByteScout tool contains example PowerShell source codes that you can find here or in the folder with installed ByteScout product. PDF to CSV API in PowerShell can be implemented with PDF.co Web API. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

The SDK samples like this one below explain how to quickly make your application do PDF to CSV API in PowerShell with the help of PDF.co Web API. For implimentation of this functionality, please copy and paste code below into your app using code editor. Then compile and run your app. This basic programming language sample code for PowerShell will do the whole work for you in implementing PDF to CSV API in your app.

PDF.co Web API - free trial version is on available our website. Also, there are other code samples to help you with your PowerShell application included into trial version.

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Source Code Files:

ConvertPdfToCsvFromUploadedFile.ps1

```
# The authentication key (API Key).
# Get your own by registering at https://app.pdf.co/documentation/api
$API_KEY = "*****"

# Source PDF file
$SourceFile = ".\sample.pdf"
# Comma-separated list of page indices (or ranges) to process. Leave empty for all pages.
$Pages = ""
# PDF document password. Leave empty for unprotected documents.
$Password = ""
# Destination CSV file name
$DestinationFile = ".\result.csv"

# 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
# * If you already have a direct file URL, skip to the step 3.

# Prepare URL for `Get Presigned URL` API call
$query = "https://api.pdf.co/v1/file/upload/get-presigned-url?contenttype=application/pdf&filename=[System.IO.Path]::GetFileName($SourceFile)&pages=$Pages&password=$Password"
$query = [System.Uri]::EscapeUriString($query)

try {
    # Execute request
    $jsonResponse = Invoke-RestMethod -Method Get -Headers @{ "x-api-key" = $API_KEY } $query

    if ($jsonResponse.error -eq $false) {
        # Get URL to use for the file upload
        $uploadUrl = $jsonResponse.presignedUrl
        # Get URL of uploaded file to use with later API calls
        $uploadedFileUrl = $jsonResponse.url

        # 2. UPLOAD THE FILE TO CLOUD.

        $r = Invoke-WebRequest -Method Put -Headers @{ "x-api-key" = $API_KEY; "content-type" = "application/pdf" } $uploadUrl -Body $SourceFile

        if ($r.StatusCode -eq 200) {

            # 3. CONVERT UPLOADED PDF FILE TO CSV

            # Prepare URL for `PDF To CSV` API call
            $query = "https://api.pdf.co/v1/pdf/convert/to/csv?name={0}&password={1}&pages={2}&url={3}" -f (Split-Path $DestinationFile -Leaf), $Password, $Pages, $uploadedFileUrl
            $query = [System.Uri]::EscapeUriString($query)

            # Execute request
            $jsonResponse = Invoke-RestMethod -Method Get -Headers @{ "x-api-key" = $API_KEY } $query

            if ($jsonResponse.error -eq $false) {
                # Get URL of generated CSV file
                $resultFileUrl = $jsonResponse.url;

                # Download CSV file
            }
        }
    }
}
```

```
Invoke-WebRequest -Headers @{ "x-api-key" = $API_KEY } -OutFile $Destin
Write-Host "Generated CSV file saved as `"$($DestinationFile)`" file."
}
else {
    # Display service reported error
    Write-Host $jsonResponse.message
}
}
else {
    # Display request error status
    Write-Host $r.StatusCode + " " + $r.StatusDescription
}
}
else {
    # Display service reported error
    Write-Host $jsonResponse.message
}
}
catch {
    # Display request error
    Write-Host $_.Exception
}
```

run.bat

```
@echo off
powershell -NoProfile -ExecutionPolicy Bypass -Command "& .\ConvertPdfToCsvFromUploades
echo Script finished with errorlevel=%errorlevel%
pause
```

VIDEO

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

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