

## PDF to CSV API in PowerShell using PDF.co Web API

### How to apply PDF.co Web API for PDF to CSV API in PowerShell

These sample source codes given below will show you how to handle a complex task, for example, PDF to CSV API in PowerShell. PDF to CSV API in PowerShell can be applied with PDF.co Web API. PDF.co Web API is the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate and read barcodes from images, scans and pdf.

Save time on writing and testing code by using the code below and use it in your application. Follow the steps-by-step instructions from the scratch to work and copy and paste code for PowerShell into your editor. Enjoy writing a code with ready-to-use sample PowerShell codes to implement PDF to CSV API using PDF.co Web API.

If you want to try other samples for PowerShell then free trial version of PDF.co Web API is available on our website.

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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-rotated.pdf"
# Comma-separated list of page indices (or ranges) to process. Leave empty for all pages. Example: '0,2-5,7-'
$Pages = ""
# PDF document password. Leave empty for unprotected documents.
$Password = ""
# Destination CSV file name
$DestinationFile = ".\result.csv"

# Sample profile that sets advanced conversion options
# Advanced options are properties of CSVExtractor class from ByteScout PDF Extractor SDK used in the back-end:
# https://cdn.bytescout.com/help/BytescoutPDFExtractorSDK/html/87ce5fa6-3143-167d-abbd-bc7b5e160fe5.htm

# Valid RotationAngle values:
# 0 - no rotation
# 1 - 90 degrees
# 2 - 180 degrees
# 3 - 270 degrees
$Profiles = '{ "profiles": [ { "profile1": { "RotationAngle": 1 } } ] }'

# 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
$query = "https://api.pdf.co/v1/file/upload/get-presigned-url?contenttype=application/octet-stream&name=" + `
[System.IO.Path]::GetFileName($SourceFile)
$query = [System.Uri]::EscapeUriString($query)

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

        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}&profiles={4}" -f
            $(Split-Path $DestinationFile -Leaf), $Password, $Pages, $uploadedFileUrl, $Profiles
            $query = [System.Uri]::EscapeUriString($query)

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

                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 "& .\ConvertPdfToCsvFromUploadedFile.ps1"  
echo Script finished with errorlevel=%errorlevel%  
  
pause
```

---

VIDEO

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

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