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How to convert PDF to CSV from URL asynchronously for PDF to CSV API in PowerShell and ByteScout Cloud API Server

Step By Step Instructions on how to convert PDF to CSV from URL asynchronously for PDF to CSV API in PowerShell

We regularly create and update our sample code library so you may quickly learn PDF to CSV API and the step-by-step process in PowerShell. PDF to CSV API in PowerShell can be applied with ByteScout Cloud API Server. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing..

Use the code displayed below in your application to save a lot of time on writing and testing code. For implementation of this functionality, please copy and paste the code below into your app using code editor. Then compile and run your app. You can use these PowerShell sample examples in one or many applications.

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

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Cloud API Server

Explore API Documentation

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Source Code Files:

ConvertPdfToCsvFromUrlAsynchronously.ps1

```
# Cloud API asynchronous "PDF To CSV" job example.
# Allows to avoid timeout errors when processing huge or scanned PDF documents.

# Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://lo
# If it's not then please replace this with with your hosting url.

# Direct URL of source PDF file.
$SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pd
# Comma-separated list of page indices (or ranges) to process. Leave empty for all pag
$Pages = ""
# PDF document password. Leave empty for unprotected documents.
$Password = ""
# Destination CSV file name
$DestinationFile = ".\result.csv"
# (!) Make asynchronous job
$Async = $true


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

try {
    # Execute request
    $jsonResponse = Invoke-RestMethod -Method Get  -Uri $query

    if ($jsonResponse.error -eq $false) {
        # Asynchronous job ID
        $jobId = $jsonResponse.jobId
        # URL of generated CSV file that will available after the job completion
        $resultFileUrl = $jsonResponse.url

        # Check the job status in a loop.
        do {
            $statusCheckUrl = "https://localhost/job/check?jobid=" + $jobId
            $jsonStatus = Invoke-RestMethod -Method Get  -Uri $statusCheckUrl

            # Display timestamp and status (for demo purposes)
            Write-Host "$(Get-date): $($jsonStatus.status)"

            if ($jsonStatus.status -eq "success") {
                # Download CSV file
                Invoke-WebRequest  -OutFile $DestinationFile -Uri $resultFileUrl
                Write-Host "Generated CSV file saved as `"$($DestinationFile)`" file."
                break
            }
            elseif ($jsonStatus.status -eq "working") {
                # Pause for a few seconds
                Start-Sleep -Seconds 3
            }
            else {
```

```
                Write-Host $jsonStatus.status
                break
            }
        }
        while ($true)
    }
    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 "& .\ConvertPdfToCsvFromUrlAsync
echo Script finished with errorlevel=%errorlevel%

pause
```

VIDEO

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

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