How to replace text with image from PDF in PowerShell with ByteScout Cloud API Server

ByteScout Cloud API Server is the ready to deploy Web API Server that can be deployed in less than thirty minutes into your own in-house Windows server (no Internet connnection is required to process data!) or into private cloud server. Can store data on in-house local server based storage or in Amazon AWS S3 bucket. Processing data solely on the server using built-in ByteScout powered engine, no cloud services are used to process your data!.

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Source Code Files:

ReplaceTextWithImageFromUrlAsynchronously.ps1

```powershell
# Cloud API asynchronous "Replace Text With Image from PDF" 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.

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

# Direct URL of source PDF file.
$SourceFileURL = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pd
# PDF document password. Leave empty for unprotected documents.
$Password = ""
# Destination PDF file name
$DestinationFile = ".\result.pdf"
# (!) Make asynchronous job
$Async = $true


# Prepare URL for `Replace Text With Image from PDF` API call
$query = "https://localhost/pdf/edit/replace-text-with-image"

# Prepare request body (will be auto-converted to JSON by Invoke-RestMethod)
# See documentation: https://apidocs.pdf.co
$body = @{
    "name" = $(Split-Path $DestinationFile -Leaf)
    "password" = $Password
    "url" = $SourceFileURL
    "async" = $Async
    "searchString" = "/creativecommons.org/licenses/by-sa/3.0/"
    "replaceImage" = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-ap
} | ConvertTo-Json

try {
    # Execute request
    $response = Invoke-WebRequest -Method Post -Headers @{ "x-api-key" = $API_KEY; "Co

    $jsonResponse = $response.Content | ConvertFrom-Json

    if ($jsonResponse.error -eq $false) {
        # Asynchronous job ID
        $jobId = $jsonResponse.jobId
        # URL of generated PDF 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 -Headers @{ "x-api-key" = $API_

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

            if ($jsonStatus.status -eq "success") {
                # Download PDF file
                Invoke-WebRequest -Headers @{ "x-api-key" = $API_KEY } -OutFile $Desti
                Write-Host "Generated PDF file saved as `"$($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 "& .\ReplaceTextWithImageFromUr
echo Script finished with errorlevel=%errorlevel%

pause
```

VIDEO

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

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