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

What is ByteScout Cloud API Server? It is the ready to use Web API Server that can be deployed in less than 30 minutes into your own in-house server 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:

**ReplaceTextWithImageFromUploadedFile.ps1**



```

# 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 = "*****"

# Source PDF file
$SourceFile = ".\sample.pdf"
# PDF document password. Leave empty for unprotected documents.
$Password = ""
# Destination PDF file name
$DestinationFile = ".\result.pdf"

# 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
$query = "https://localhost/file/upload/get-presigned-url?contenttype=application/octe
[System.IO.Path]::GetFileName($SourceFile)
$query = [System.Uri]::EscapeUriString($query)

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

    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; "conten

        if ($r.StatusCode -eq 200) {

            # 3. Replace Text With Image FROM UPLOADED PDF FILE

            # 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-RestMetho
            # See documentation: https://apidocs.pdf.co
            $body = @{
                "name" = $(Split-Path $DestinationFile -Leaf)
                "password" = $Password
                "url" = $uploadedFileUrl
                "searchString" = "/creativecommons.org/licenses/by-sa/3.0/"
                "replaceImage" = "https://bytescout-com.s3.amazonaws.com/files/demo-fi
            } | ConvertTo-Json

            # Execute request
            $response = Invoke-WebRequest -Method Post -Headers @{ "x-api-key" = $API_

            $jsonResponse = $response.Content | ConvertFrom-Json

            if ($jsonResponse.error -eq $false) {

```

```

        # Get URL of generated PDF file
        $resultFileUrl = $jsonResponse.url;

        # Download PDF file
        Invoke-WebRequest -Headers @{ "x-api-key" = $API_KEY } -OutFile $Desti

        Write-Host "Generated PDF 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 "& .\ReplaceTextWithImageFromUp
echo Script finished with errorlevel=%errorlevel%

pause

```

## **VIDEO**

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

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