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How to replace text from PDF in PowerShell using 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..

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Source Code Files:

ReplaceTextFromUploadedFile.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
$query = "https://localhost/file/upload/get-presigned-url?contenttype=application/octet
[System.IO.Path]::GetFileName($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; "content-type" = $jsonResponse.contentType } -Uri $uploadUrl -Body $SourceFile

        if ($r.StatusCode -eq 200) {

            # 3. Replace Text FROM UPLOADED PDF FILE

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

            # 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" = $uploadedFileUrl
                "searchString" = "The most conspicuous feature of"
                "replaceString" = "replaced text"
            } | ConvertTo-Json

            # Execute request
            $response = Invoke-WebRequest -Method Post -Headers @{ "x-api-key" = $API_KEY } -Uri $query -Body $body

            $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 "& .\replaceStringFromUploadedF
echo Script finished with errorlevel=%errorlevel%

pause

```

VIDEO

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

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