

How to replace text from PDF in PowerShell with PDF.co Web API

PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

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Source Code Files:

ReplaceTextFromUploadedFile.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.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
```

```

$query = "https://api.pdf.co/v1/file/upload/get-presigned-url?contenttype=application/octet-stream&name=" + `
[System.IO.Path]::GetFileName($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. Replace Text FROM UPLOADED PDF FILE

            # Prepare URL for `Replace Text from PDF` API call
            $query = "https://api.pdf.co/v1/pdf/edit/replace-text?name={0}&password={1}&url={2}&searchString=The most
            $(Split-Path $DestinationFile -Leaf), $Password, $uploadedFileUrl
            $query = [System.Uri]::EscapeUriString($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 PDF file
                $resultFileUrl = $jsonResponse.url;

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

                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 "& .replaceStringFromUploadedFile.ps1"
echo Script finished with errorlevel=%errorlevel%

```

pause

VIDEO

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

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