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

ByteScout Cloud API Server: 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 connection 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:

ReplaceTextFromUrlAsynchronously.ps1

```

# Cloud API asynchronous "Replace Text 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 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" = $SourceFileURL
    "async" = $Async
    "searchString" = "The most conspicuous feature of"
    "replaceString" = "replaced text"
} | 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 $Desti
                Write-Host "Generated PDF file saved as `"$($DestinationFile)`" file."
                break
            }
        } while ($true)
    }
} catch {
    Write-Host "Error: $_"
}

```

```

    }
    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 "& .\replaceStringFromUrlAsynch
echo Script finished with errorlevel=%errorlevel%

pause

```

VIDEO

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

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