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How to merge any documents from urls asynchronously for PDF merging API in PowerShell using PDF.co Web API

PDF.co Web API: the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate and read barcodes from images, scans and pdf.

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Source Code Files:

MergeAnyDocumentsFromUrlsAsynchronously.ps1



```

# Cloud API asynchronous "Merge PDF" job example.
# Allows to avoid timeout errors when processing huge or scanned PDF documents.

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

# Direct URLs of documents to merge. Supports documents, spreadsheets, images as source
$SourceFiles = @(
    "https://bytescout-com.s3-us-west-2.amazonaws.com/files/demo-files/cloud-api/pdf-m
    "https://bytescout-com.s3-us-west-2.amazonaws.com/files/demo-files/cloud-api/other
    "https://bytescout-com.s3-us-west-2.amazonaws.com/files/demo-files/cloud-api/doc-t
    "https://bytescout-com.s3-us-west-2.amazonaws.com/files/demo-files/cloud-api/image
    "https://bytescout-com.s3-us-west-2.amazonaws.com/files/demo-files/cloud-api/image
)
# Destination PDF file name
$DestinationFile = ".\result.pdf"
# (!) Make asynchronous job
$Async = $true

# Prepare URL for `Merge Document` API call
$query = "https://api.pdf.co/v1/pdf/merge2"

# Prepare request body (will be auto-converted to JSON by Invoke-RestMethod)
# See documentation: https://apidocs.pdf.co
$body = @{
    "name" = $(Split-Path $DestinationFile -Leaf)
    "url" = $SourceFiles -join ","
    "async" = $Async
} | 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://api.pdf.co/v1/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

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        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 "& .\MergeAnyDocumentsFromUrlsA
echo Script finished with errorlevel=%errorlevel%

pause
```

VIDEO

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

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