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How to split PDF by text from URL asynchronously for PDF splitting API in PowerShell and PDF.co Web API

PDF.co Web API is 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:

SplitPdfFromUrlAsynchronously.ps1



```

# Cloud API asynchronous "Split 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 = "*****"

# Source PDF file to split
$SourceFileUrl = "https://bytescout-com.s3-us-west-2.amazonaws.com/files/demo-files/cl
# Split Search Text
$SplitText = "invoice number"
# (!) Make asynchronous job
$Async = $true

# Prepare URL for `Split PDF By Text` API call
$query = "https://api.pdf.co/v1/pdf/split2"

# Prepare request body (will be auto-converted to JSON by Invoke-RestMethod)
# See documentation: https://apidocs.pdf.co
$body = @{}
    "searchString" = $SplitText
    "url" = $SourceFileUrl
    "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 JSON file available after the job completion; it will conta
        $resultJsonFileUrl = $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 JSON file with URLs of result PDF files
                $jsonPdfUrls = Invoke-RestMethod -Method Get -Headers @{ "x-api-key" =

                # Download generated PDF files
                $part = 1;
                foreach ($url in $jsonPdfUrls) {
                    $localFileName = ".\part$($part).pdf"

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

                    Write-Host "Downloaded `"$($localFileName)`""
                    $part++
                }
            }
        } while ($jsonStatus.status -ne "success")
    }
} catch {
    Write-Host "Error: $_"
}

```

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        }
        break
    }
    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 "& .\SplitPdfFromUrlAsynchronous.ps1"
echo Script finished with errorlevel=%errorlevel%

pause

```

VIDEO

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

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