

How to split PDF from URL asynchronously for PDF splitting API in PowerShell using ByteScout Cloud API Server

How to split PDF from URL asynchronously in PowerShell with easy ByteScout code samples to make PDF splitting API. Step-by-step tutorial

Quick guide: Learn how to split PDF from URL asynchronously in PowerShell. ByteScout Cloud API Server was designed to assist PDF splitting API in PowerShell. 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..

If you want to speed up the application's code writing then PowerShell code samples for PowerShell developers help to implement using ByteScout Cloud API Server. For implementation of this functionality, please copy and paste the code below into your app using code editor. Then compile and run your app. Easy to understand tutorials are available along with installed ByteScout Cloud API Server if you'd like to learn more about the topic and the details of the API.

Our website provides free trial version of ByteScout Cloud API Server that gives source code samples to assist with your PowerShell project.

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Source Code Files:

SplitPdfFromUrlAsynchronously.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.

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

# Source PDF file to split
$SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf
# Comma-separated list of page numbers (or ranges) to process. Example: '1,3-5,7-'.
$Pages = "1-2,3-"
# (!) Make asynchronous job
$Async = $true

# Prepare URL for `Split PDF` API call
$query = "https://localhost/pdf/split?pages=${($Pages)}&url=${($SourceFileUrl)}&async=${($A
$query = [System.Uri]::EscapeUriString($query)

try {
    # Execute request
    $jsonResponse = Invoke-RestMethod -Method Get -Uri $query

    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://localhost/job/check?jobid=" + $jobId
            $jsonStatus = Invoke-RestMethod -Method Get -Uri $statusCheckUrl

            # 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 -Uri $resultJsonFileUrl

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

                    # Download PDF file
                    Invoke-WebRequest -OutFile $localFileName -Uri $url

                    Write-Host "Downloaded `"$($localFileName)`""
                    $part++
                }
                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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