

How to convert PDF to text from URL asynchronously for PDF to text API in PowerShell and PDF.co Web API

How to convert PDF to text from URL asynchronously for PDF to text API in PowerShell: How To Tutorial

ByteScout tutorials explain the code material for beginners and advanced programmers who are using PowerShell. PDF to text API in PowerShell can be implemented with PDF.co Web API. PDF.co Web API is the flexible Web API that includes full set of functions from e-signature requests to data extraction, OCR, images recognition, pdf splitting and pdf splitting. Can also generate barcodes and read barcodes from images, scans and pdf.

Fast application programming interfaces of PDF.co Web API for PowerShell plus the instruction and the code below will help to learn how to convert PDF to text from URL asynchronously. Follow the instruction and copy - paste code for PowerShell into your project's code editor. Code testing will allow the function to be tested and work properly with your data.

ByteScout free trial version is available for FREE download from our website. Programming tutorials along with source code samples are included.

PowerShell - ConvertPdfToTextFromUrlAsynchronously.ps1

```
# Cloud API asynchronous "PDF To Text" 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 URL of source PDF file.
$SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-to-text/sample.pdf"
# Comma-separated list of page indices (or ranges) to process. Leave empty for all pages. Example: '0,2-5,7-'.
$Pages = ""
# PDF document password. Leave empty for unprotected documents.
$Password = ""
# Destination TXT file name
$DestinationFile = ".\result.txt"
# (!) Make asynchronous job
$Async = $true

# Prepare URL for `PDF To Text` API call
$query = "https://api.pdf.co/v1/pdf/convert/to/text?name={0}&password={1}&pages="
```

```

{2}&url={3}&async={4}" -f `
$(Split-Path $DestinationFile -Leaf), $Password, $Pages, $SourceFileUrl, $Async
$query = [System.Uri]::EscapeUriString($query)

try {
    # Execute request
    $jsonResponse = Invoke-RestMethod -Method Get -Headers @{ "x-api-key" = $API_KEY
} -Uri $query

    if ($jsonResponse.error -eq $false) {
        # Asynchronous job ID
        $jobId = $jsonResponse.jobId
        # URL of generated TXT 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_KEY } -Uri $statusCheckUrl

            # Display timestamp and status (for demo purposes)
            Write-Host "$(Get-date): $($jsonStatus.status)"

            if ($jsonStatus.status -eq "success") {
                # Download TXT file
                Invoke-WebRequest -Headers @{ "x-api-key" = $API_KEY } -OutFile
$DestinationFile -Uri $resultFileUrl
                Write-Host "Generated TXT file saved as `"$($DestinationFile)`"
file."
                break
            }
            elseif ($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
}

```

```
@echo off  
  
powershell -NoProfile -ExecutionPolicy Bypass -Command "&  
. \ConvertPdfToTextFromUrlAsynchronously.ps1"  
echo Script finished with errorlevel=%errorlevel%  
  
pause
```

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