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## How to split PDF by text from uploaded file for PDF splitting API in PowerShell using 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:

**SplitPdfFromUploadedFile.ps1**

```
# The authentication key (API Key).  
# Get your own by registering at https://app.pdf.co/documentation/api
```

```

$API_KEY = "*****"

# Source PDF file to split
$SourceFile = ".\sample.pdf"
# Split Search Text
$SplitText = "invoice number"

# 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
# * If you already have a direct file URL, skip to the step 3.

# Prepare URL for `Get Presigned URL` API call
$query = "https://api.pdf.co/v1/file/upload/get-presigned-url?contenttype=application/
[System.IO.Path]::GetFileName($SourceFile)
$query = [System.Uri]::EscapeUriString($query)

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

    if ($jsonResponse.error -eq $false) {
        # Get URL to use for the file upload
        $uploadUrl = $jsonResponse.presignedUrl
        # Get URL of uploaded file to use with later API calls
        $uploadedFileUrl = $jsonResponse.url

        # 2. UPLOAD THE FILE TO CLOUD.

        $r = Invoke-WebRequest -Method Put -Headers @{ "x-api-key" = $API_KEY; "content-type" = "application/pdf" } -Uri $uploadUrl -File $SourceFile

        if ($r.StatusCode -eq 200) {

            # 3. SPLIT UPLOADED PDF

            # 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" = $uploadedFileUrl
            } | ConvertTo-Json

            # Execute request
            $response = Invoke-WebRequest -Method Post -Headers @{ "x-api-key" = $API_KEY } -Uri $query -Body $body

            $jsonResponse = $response.Content | ConvertFrom-Json

            if ($jsonResponse.error -eq $false) {
                # Download generated PDF files
                $part = 1;
                foreach ($url in $jsonResponse.urls) {
                    $localFileName = ".\part$($part).pdf"

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

                    Write-Host "Downloaded `"$($localFileName)`""
                    $part++
                }
            }
        }
    }
} catch {
    Write-Host "Error: $_"
}

```

```
    }
  }
  else {
    # Display service reported error
    Write-Host $jsonResponse.message
  }
}
else {
  # Display request error status
  Write-Host $r.StatusCode + " " + $r.StatusDescription
}
}
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 "& .\SplitPdfFromUploadedFile.p
echo Script finished with errorlevel=%errorlevel%

pause
```

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## VIDEO

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

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