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## How to convert PDF to TIFF from uploaded file for PDF to image API in PowerShell using PDF.co Web API

See how to convert PDF to TIFF from uploaded file to have PDF to image API in PowerShell

The sample source codes on this page will demonstrate you how to make PDF to image API in PowerShell. PDF.co Web API helps with PDF to image API in PowerShell. 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.

PowerShell code samples for PowerShell developers help to speed up the application's code writing when using PDF.co Web API. Open your PowerShell project and simply copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample PowerShell codes to implement PDF to image API using PDF.co Web API.

PDF.co Web API - free trial version is on available our website. Also, there are other code samples to help you with your PowerShell application included into trial version.

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Source Code Files:

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

# Source PDF file
$SourceFile = ".\sample.pdf"
# Comma-separated list of page indices (or ranges) to process. Leave empty for all pages.
$Pages = ""
# PDF document password. Leave empty for unprotected documents.
$Password = ""
# Destination TIFF file name
$DestinationFile = ".\result.tif"

# 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
$query = "https://api.pdf.co/v1/file/upload/get-presigned-url?contenttype=application/pdf&pages={0}&password={1}&sourcefile={2}"
[System.IO.Path]::GetFileName($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 -Body $SourceFile

        if ($r.StatusCode -eq 200) {

            # 3. CONVERT UPLOADED PDF FILE TO TIFF

            # Prepare URL for `PDF To TIFF` API call
            $query = "https://api.pdf.co/v1/pdf/convert/to/tiff?name={0}&password={1}&pages={2}&sourcefile={3}"
            $(Split-Path $DestinationFile -Leaf), $Password, $Pages, $uploadedFileUrl
            $query = [System.Uri]::EscapeUriString($query)

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

            if ($jsonResponse.error -eq $false) {
                # Get URL of generated TIFF file
                $resultFileUrl = $jsonResponse.url;

                # Download TIFF file
                Invoke-WebRequest -Headers @{ "x-api-key" = $API_KEY } -Uri $resultFileUrl -OutFile $DestinationFile
            }
        }
    }
}
```

```
        Write-Host "Generated TIFF file saved as `"$($DestinationFile)`" file.
    }
    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 "& .\ConvertPdfToTiffFromUpload
echo Script finished with errorlevel=%errorlevel%

pause
```

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VIDEO

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

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