

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

Tutorial: how to convert PDF to JPEG from uploaded file for PDF to image API in PowerShell

Today we will explain the steps and algorithm of how to convert PDF to JPEG from uploaded file and how to make it work in your application. PDF.co Web API helps with PDF to image API in PowerShell. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

PowerShell code snippet like this for PDF.co Web API works best when you need to quickly implement PDF to image API in your PowerShell application. Follow the instruction and copy - paste code for PowerShell into your project's code editor. Use of PDF.co Web API in PowerShell is also explained in the documentation included along with the product.

Our website provides free trial version of PDF.co Web API that includes source code samples to help with your PowerShell project.

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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 to split
$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 = ""

# 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 JPEG

            # Prepare URL for `PDF To JPEG` API call
            $query = "https://api.pdf.co/v1/pdf/convert/to/jpg?password={0}&pages={1}&sourcefile={2}"
            $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) {
                # Download generated JPEG files
                $part = 1;
                foreach ($url in $jsonResponse.urls) {
                    $localFileName = ".\page${$part}.jpg"

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

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

```

```
        $part++
    }
}
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 "& .\ConvertPdfToJpegFromUpload
echo Script finished with errorlevel=%errorlevel%

pause
```

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VIDEO

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

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