

How to convert PDF to JSON from uploaded file for PDF to JSON API in PowerShell and ByteScout Cloud API Server

How to convert PDF to JSON from uploaded file in PowerShell with easy ByteScout code samples to make PDF to JSON API. Step-by-step tutorial

This page displays the step-by-step instructions and algorithm of how to convert PDF to JSON from uploaded file and how to apply it in your application. PDF to JSON API in PowerShell can be applied with ByteScout Cloud API Server. ByteScout Cloud API Server is the ready to use Web API Server that can be deployed in less than 30 minutes into your own in-house server or into private cloud server. Can store data on in-house local server based storage or in Amazon AWS S3 bucket. Processing data solely on the server using built-in ByteScout powered engine, no cloud services are used to process your data!.

Want to learn quickly? These fast application programming interfaces of ByteScout Cloud API Server for PowerShell plus the instruction and the code below will help to learn how to convert PDF to JSON from uploaded file. This sample code in PowerShell is all you need. Just copy-paste it to the code editor, then add a reference to ByteScout Cloud API Server and you are ready to try it! 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:

ConvertPdfToJsonFromUploadedFile.ps1

```
# Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost"
# If it's not then please replace this with with your hosting url.

# 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 JSON file name
$DestinationFile = ".\result.json"

# 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
$query = "https://localhost/file/upload/get-presigned-url?contenttype=application/octet-stream&name=[System.IO.Path]::GetFileName($SourceFile)"
$query = [System.Uri]::EscapeUriString($query)

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

    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 @{ "content-type" = "application/octet-stream" } -Uri $uploadUrl -Body $SourceFile

        if ($r.StatusCode -eq 200) {

            # 3. CONVERT UPLOADED PDF FILE TO JSON

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

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

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

                # Download JSON file
                Invoke-WebRequest -OutFile $DestinationFile -Uri $resultFileUrl
            }
        }
    }
}
```

```

        Write-Host "Generated JSON 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 "& .\ConvertPdfToJsonFromUpload
echo Script finished with errorlevel=%errorlevel%

pause

```

VIDEO

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

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