

## How to convert PDF to CSV from uploaded file for PDF to CSV API in PowerShell with ByteScout Cloud API Server

Learn in simple ways: How to convert PDF to CSV from uploaded file for PDF to CSV API in PowerShell

Every ByteScout tool includes sample PowerShell source codes that you can find here or in the folder with installed ByteScout product. ByteScout Cloud API Server was designed to assist PDF to CSV API in PowerShell. ByteScout Cloud API Server is the ready to deploy Web API Server that can be deployed in less than thirty minutes into your own in-house Windows server (no Internet connection is required to process data!) 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 CSV 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! You can use these PowerShell sample examples in one or many applications.

Trial version of ByteScout is available for free download from our website. This and other source code samples for PowerShell and other programming languages are available.

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Source Code Files:

## ConvertPdfToCsvFromUploadedFile.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 CSV file name
$DestinationFile = ".\result.csv"

# 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 CSV

            # Prepare URL for `PDF To CSV` API call
            $query = "https://localhost/pdf/convert/to/csv?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 CSV file
                $resultFileUrl = $jsonResponse.url;

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

```

        Write-Host "Generated CSV 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 "& .\ConvertPdfToCsvFromUploaded
echo Script finished with errorlevel=%errorlevel%

pause

```

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VIDEO

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

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