

How to convert CSV to PDF from URL asynchronously for CSV to PDF API in PowerShell using ByteScout Cloud API Server

Step By Step Instructions on how to convert CSV to PDF from URL asynchronously for CSV to PDF 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 CSV to PDF 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!.

The SDK samples displayed below explain how to quickly make your application do CSV to PDF API in PowerShell with the help of ByteScout Cloud API Server. 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.

Free! Free! Free! ByteScout free trial version is available for FREE download from our website. Programming tutorials along with source code samples are assembled.

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Source Code Files:

ConvertCsvToPdfFromUrlAsynchronously.ps1

```
# Cloud API asynchronous "CSV To PDF" job example.
# Allows to avoid timeout errors when processing huge or scanned PDF documents.

# Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost:5000"
# If it's not then please replace this with with your hosting url.

# Direct URL of source CSV file.
$SourceFileURL = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/csv-to-pdf.csv"
# Destination PDF file name
$DestinationFile = ".\result.pdf"
# (!) Make asynchronous job
$Async = $true

# Prepare URL for `CSV To PDF` API call
$query = "https://localhost/pdf/convert/from/csv?name=$(Split-Path $DestinationFile -Leaf)"
$query = [System.Uri]::EscapeUriString($query)

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

    if ($jsonResponse.error -eq $false) {
        # Asynchronous job ID
        $jobId = $jsonResponse.jobId
        # URL of generated PDF file that will available after the job completion
        $resultFileUrl = $jsonResponse.url

        # Check the job status in a loop.
        do {
            $statusCheckUrl = "https://localhost/job/check?jobid=" + $jobId
            $jsonStatus = Invoke-RestMethod -Method Get -Uri $statusCheckUrl

            # Display timestamp and status (for demo purposes)
            Write-Host "$(Get-date): $($jsonStatus.status)"

            if ($jsonStatus.status -eq "success") {
                # Download PDF file
                Invoke-WebRequest -OutFile $DestinationFile -Uri $resultFileUrl
                Write-Host "Generated PDF file saved as `"$($DestinationFile)`" file."
                break
            }
            elseif ($jsonStatus.status -eq "working") {
                # Pause for a few seconds
                Start-Sleep -Seconds 3
            }
            else {
                Write-Host $jsonStatus.status
                break
            }
        }
    }
} while ($true)
```

```
}  
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 "& .\ConvertCsvToPdfFromUrlAsync  
echo Script finished with errorlevel=%errorlevel%  
  
pause
```

VIDEO

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

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