

How to convert images to PDF from urls asynchronously for image to PDF API in PowerShell and ByteScout Cloud API Server

Learn to write code convert images to PDF from urls asynchronously for image to PDF API in PowerShell: Simple How To Tutorial

The documentation is written to assist you to apply all the necessary features on your side. ByteScout Cloud API Server was designed to assist image to PDF API in PowerShell. 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!.

The SDK samples displayed below explain how to quickly make your application do image 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! You can use these PowerShell sample examples in one or many applications.

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:

ConvertImagesToPdfFromUrlsAsynchronously.ps1

```
# 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 your hosting url.

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

# Direct URLs of image files to convert to PDF document
$SourceFiles = @(
    "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/image-to-pdf/image1.jpg"
    "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/image-to-pdf/image2.jpg"
)
# Destination PDF file name
$DestinationFile = ".\result.pdf"
# (!) Make asynchronous job
$Async = $true

# Prepare URL for `Image To PDF` API call
$query = "https://localhost/pdf/convert/from/image?name=$(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 be 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 "& .\ConvertImagesToPdfFromUrls.ps1"
echo Script finished with errorlevel=%errorlevel%

pause
```

VIDEO

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

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