

How to convert PDF to PNG from URL asynchronously for PDF to image API in PowerShell with ByteScout Cloud API Server

Step-by-step tutorial:How to convert PDF to PNG from URL asynchronously to have PDF to image API in PowerShell

If you want a quick and easy way to add a required functionality into your application then check this sample source code documentation. ByteScout Cloud API Server was designed to assist PDF to image 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 PDF to image API in PowerShell with the help of ByteScout Cloud API Server. Open your PowerShell project and simply copy & paste the code and then run your app! Writing PowerShell application mostly includes various stages of the software development so even if the functionality works please check it with your data and the production environment.

ByteScout Cloud API Server - free trial version is available on our website. Also, there are other code samples to help you with your PowerShell application included into trial version.

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

ConvertPdfToPngFromUrlAsynchronously.ps1

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

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

# Direct URL of source PDF file.
$SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf
# Comma-separated list of page indices (or ranges) to process. Leave empty for all page
$Pages = ""
# PDF document password. Leave empty for unprotected documents.
$Password = ""
# (!) Make asynchronous job
$Async = $true

# Prepare URL for `PDF To PNG` API call
$query = "https://localhost/pdf/convert/to/png?password={0}&pages={1}&url={2}&async={3}
    $Password, $Pages, $SourceFileUrl, $Async
$query = [System.Uri]::EscapeUriString($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 JSON file available after the job completion; it will conta
        $resultJsonFileUrl = $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 JSON file with URLs of result PDF files
                $jsonPngUrls = Invoke-RestMethod -Method Get -Uri $resultJsonFileUrl

                # Download generated PNG files
                $part = 1;
                foreach ($url in $jsonPngUrls) {
                    $localFileName = ".\page${$part}.png"

                    Invoke-WebRequest -OutFile $localFileName -Uri $url

                    Write-Host "Downloaded `"$($localFileName)`""
                    $part++
                }
            }
        } while ($jsonStatus.status -ne "success")
    }
}
```

```
        }
        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 "& .\ConvertPdfToPngFromUrlAsync.ps1"
echo Script finished with errorlevel=%errorlevel%
pause
```

VIDEO

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

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