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

How to convert PDF to XML from URL asynchronously for PDF to XML API in PowerShell: Step By Step Instructions

We regularly create and update our sample code library so you may quickly learn PDF to XML API and the step-by-step process in PowerShell. PDF to XML API in PowerShell can be applied with ByteScout Cloud API Server. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing..

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 XML from URL asynchronously. Open your PowerShell project and simply copy & paste the code and then run your app! Use of ByteScout Cloud API Server in PowerShell is also described in the documentation given along with the product.

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:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Cloud API Server

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Source Code Files:

ConvertPdfToXmlFromUrlAsynchronously.ps1

```
# Cloud API asynchronous "PDF To XML" 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://lo
# If it's not then please replace this with with your hosting url.

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


# Prepare URL for `PDF To XML` API call
$query = "https://localhost/pdf/convert/to/xml?name={0}&password={1}&pages={2}&url={3}&
    $(Split-Path $DestinationFile -Leaf), $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 XML 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 XML file
                Invoke-WebRequest  -OutFile $DestinationFile -Uri $resultFileUrl
                Write-Host "Generated XML file saved as `"$($DestinationFile)`" file."
                break
            }
            elseif ($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 "& .\ConvertPdfToXmlFromUrlAsyn
echo Script finished with errorlevel=%errorlevel%

pause
```

VIDEO

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

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