

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

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

This page displays the step-by-step instructions and algorithm of how to convert DOC to PDF from URL asynchronously and how to apply it in your application. ByteScout Cloud API Server was designed to assist DOC 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!.

If you want to speed up the application's code writing then PowerShell code samples for PowerShell developers help to implement using ByteScout Cloud API Server. This PowerShell sample code can be used by copying and pasting into your project. Once done, just compile your project and click Run. 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.

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:

ConvertDocToPdfFromUrlAsynchronously.ps1

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

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

# Prepare URL for `DOC To PDF` API call
$query = "https://localhost/pdf/convert/from/doc?name=$(Split-Path $DestinationFile -Le
$query = [System.Uri]::EscapeUriString($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 "& .\ConvertDocToPdfFromUrlAsync.ps1"
echo Script finished with errorlevel=%errorlevel%

pause
```

VIDEO

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

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