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How to optimize PDF from uploaded file for PDF optimization API in PowerShell using ByteScout Cloud API Server

Step By Step Instructions on how to optimize PDF from uploaded file for PDF optimization API in PowerShell

The easy to understand coding guides help you check the features without any need to write your own code. PDF optimization API in PowerShell can be applied with ByteScout Cloud API Server. 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 buil-in ByteScout powered engine, no cloud services are used to process your data!.

The SDK samples displayed below below explain how to quickly make your application do PDF optimization API in PowerShell with the help of ByteScout Cloud API Server. For implementation of this functionality, please copy and paste the code below into your app using code editor. Then compile and run your app. Further improvement of the code will make it more robust.

Trial version of ByteScout is available for free download from our website. This and other source code samples for PowerShell and other programming languages are available.

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Get Free API key for Web API

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Source Code Files:

OptimizePdfFromUploadedFile.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.

# Source PDF file
$SourceFile = ".\sample.pdf"
# PDF document password. Leave empty for unprotected documents.
$Password = ""
# Destination PDF file name
$DestinationFile = ".\result.pdf"

# 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
# * If you already have a direct file URL, skip to the step 3.

# Prepare URL for `Get Presigned URL` API call
$query = "https://localhost/file/upload/get-presigned-url?contenttype=application/octe
    [System.IO.Path]::GetFileName($SourceFile)
$query = [System.Uri]::EscapeUriString($query)

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

    if ($jsonResponse.error -eq $false) {
        # Get URL to use for the file upload
        $uploadUrl = $jsonResponse.presignedUrl
        # Get URL of uploaded file to use with later API calls
        $uploadedFileUrl = $jsonResponse.url

        # 2. UPLOAD THE FILE TO CLOUD.

        $r = Invoke-WebRequest -Method Put -Headers @{ "content-type" = "application/o

        if ($r.StatusCode -eq 200) {

            # 3. OPTIMIZE UPLOADED PDF FILE

            # Prepare URL for `Optimize PDF` API call
            $query = "https://localhost/pdf/optimize?name={0}&password={1}&url={2}" -f
                $(Split-Path $DestinationFile -Leaf), $Password, $uploadedFileUrl
            $query = [System.Uri]::EscapeUriString($query)

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

            if ($jsonResponse.error -eq $false) {
                # Get URL of generated PDF file
                $resultFileUrl = $jsonResponse.url;

                # Download PDF file
                Invoke-WebRequest  -OutFile $DestinationFile -Uri $resultFileUrl

                Write-Host "Generated PDF file saved as `"$($DestinationFile)`" file."
            }
```

```
            else {
                # Display service reported error
                Write-Host $jsonResponse.message
            }
        }
        else {
            # Display request error status
            Write-Host $r.StatusCode + " " + $r.StatusDescription
        }
    }
    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 "& .\OptimizePdfFromUploadedFile
echo Script finished with errorlevel=%errorlevel%

pause
```

VIDEO

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

ON-PREMISE OFFLINE SDK

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