How to optimize PDF from URL for PDF optimization API in PowerShell using PDF.co Web API

Step By Step Tutorial: how to optimize PDF from URL for PDF optimization API in PowerShell

The sample source codes on this page will demonstrate you how to make PDF optimization API in PowerShell. PDF.co Web API was made to help with PDF optimization API in PowerShell. PDF.co Web API is the flexible Web API that includes full set of functions from e-signature requests to data extraction, OCR, images recognition, pdf splitting and pdf splitting. Can also generate barcodes and read barcodes from images, scans and pdf.

You will save a lot of time on writing and testing code as you may just take the code below and use it in your application. Sample code in PowerShell is all you need. Copy-paste it to your the code editor, then add a reference to PDF.co Web API and you are ready to try it! Tutorials are available along with installed PDF.co Web API if you'd like to dive deeper into the topic and the details of the API.

ByteScout free trial version is available for FREE download from our website. Programming tutorials along with source code samples are included.

PowerShell - OptimizePdfFromUrl.ps1

```powershell
# The authentication key (API Key).
# Get your own by registering at https://app.pdf.co/documentation/api
$API_KEY = "***********************************"

# Direct URL of source PDF file.
$SourceFileURL = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-optimize/sample.pdf"
# PDF document password. Leave empty for unprotected documents.
$Password = ""
# Destination PDF file name
$DestinationFile = ".\result.pdf"


# Prepare URL for `Optimize PDF` API call
$query = "https://api.pdf.co/v1/pdf/optimize?name={0}&password={1}&url={2}" -f `
    $(Split-Path $DestinationFile -Leaf), $Password, $SourceFileURL
$query = [System.Uri]::EscapeUriString($query)

try {
    # Execute request
    $jsonResponse = Invoke-RestMethod -Method Get -Headers @{ "x-api-key" = $API_KEY } -Uri $query
    if ($jsonResponse.error -eq $false) {
        # Get URL of generated PDF file
        $resultFileUrl = $jsonResponse.url;

        # Download PDF file
        Invoke-WebRequest -Headers @{ "x-api-key" = $API_KEY } -OutFile
$DestinationFile -Uri $resultFileUrl

        Write-Host "Generated PDF file saved as `"$($DestinationFile)`" file."
    }
    else {
        # Display service reported error
        Write-Host $jsonResponse.message
    }
}
catch {
    # Display request error
    Write-Host $_.Exception
}
```

PowerShell - run.bat

```
@echo off

powershell -NoProfile -ExecutionPolicy Bypass -Command "& .\OptimizePdfFromUrl.ps1"
echo Script finished with errorlevel=%errorlevel%

pause
```

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about PDF.co Web API

Explore documentation

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