

How to PDF text search API in PowerShell and PDF.co Web API

This tutorial will show how to PDF text search API in PowerShell

These source code samples are listed and grouped by their programming language and functions they use. 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 and you can use it to PDF text search API with PowerShell.

This code snippet below for PDF.co Web API works best when you need to quickly PDF text search API in your PowerShell application. In order to implement the functionality, you should copy and paste this code for PowerShell below into your code editor with your app, compile and run your application. Use of PDF.co Web API in PowerShell is also explained in the documentation included along with the product.

Download free trial version of PDF.co Web API from our website with this and other source code samples for PowerShell.

PowerShell - GetPdfTextSearchFromUrl.ps1

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

# Direct URL of PDF file to get information
$SourceFileURL = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf-to-text/sample.pdf"

# Comma-separated list of page indices (or ranges) to process. Leave empty for all pages. Example: '0,2-5,7-'.
$Pages = ""

# PDF document password. Leave empty for unprotected documents.
$Password = ""

# Search string.
$searchString = '\d{1,}\.\d\d' #Regular expression to find numbers like '100.00'

# Enable regular expressions (Regex)
$RegexSearch = 'True'

# Prepare URL for PDF text search API call.
# See documentation: https://app.pdf.co/documentation/api/1.0/pdf/find.html
$query = "https://api.pdf.co/v1/pdf/find?
password=$(($Password)&pages=$(($Pages)&url=$(($SourceFileURL)&searchString=$(($SearchString
```

```
$query = [System.Uri]::EscapeUriString($query)

try {
    # Execute request
    $jsonResponse = Invoke-RestMethod -Method Get -Headers @{ "x-api-key" = $API_KEY
} -Uri $query

    if ($jsonResponse.error -eq $false) {
        # Display search information
        foreach ($item in $jsonResponse.body) {
            Write-Host "Found text $($item.text) at coordinates $($item.left),
 $($item.top)"
        }
    }
    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 "&
.\GetPdfTextSearchFromUrl.ps1"
echo Script finished with errorlevel=%errorlevel%

pause
```

FOR MORE INFORMATION AND FREE TRIAL:

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[Read more about PDF.co Web API](#)

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