

How to convert web page to PDF from link asynchronously for HTML to PDF API in PowerShell with PDF.co Web API

How to convert web page to PDF from link asynchronously for HTML to PDF API in PowerShell: How To Tutorial

Source code documentation samples provide quick and easy way to add a required functionality into your application. HTML to PDF API in PowerShell can be implemented with PDF.co Web API. 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.

The SDK samples like this one below explain how to quickly make your application do HTML to PDF API in PowerShell with the help of PDF.co Web API. Follow the instruction and copy - paste code for PowerShell into your project's code editor. Test PowerShell sample code examples whether they respond your needs and requirements for the project.

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Source Code Files:

ConvertWebPageToPdfFromLinkAsynchronously.ps1

```
# Cloud API asynchronous "Web Page To PDF" job example.
# Allows to avoid timeout errors when processing huge or scanned PDF documents.

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

# URL of web page to convert to PDF document.
$SourceUrl = "http://www.usa.gov"
# Destination PDF file name
$DestinationFile = ".\result.pdf"
# (!) Make asynchronous job
$Async = $true

# Prepare URL for `Web Page to PDF` API call
$query = "https://api.pdf.co/v1/pdf/convert/from/url?name=$(Split-Path $DestinationFile)";
$query = [System.Uri]::EscapeUriString($query)

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

    if ($jsonResponse.error -eq $false) {
        # Asynchronous job ID
        $jobId = $jsonResponse.jobId
        # URL of generated PDF file that will be available after the job completion
        $resultFileUrl = $jsonResponse.url

        # Check the job status in a loop.
        do {
            $statusCheckUrl = "https://api.pdf.co/v1/job/check?jobid=" + $jobId
            $jsonStatus = Invoke-RestMethod -Method Get -Headers @{ "x-api-key" = $API_KEY }

            # Display timestamp and status (for demo purposes)
            Write-Host "$(Get-date): $($jsonStatus.status)"

            if ($jsonStatus.status -eq "success") {
                # Download PDF file
                Invoke-WebRequest -Headers @{ "x-api-key" = $API_KEY } -OutFile $DestinationFile
                Write-Host "Generated PDF file saved as `"$($DestinationFile)`" file."
                break
            }
            elseif ($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 "& .\ConvertWebPageToPdfFromLin
echo Script finished with errorlevel=%errorlevel%

pause
```

VIDEO

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

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