How to generate PDF invoice from HTML template for HTML to PDF API in PowerShell using PDF.co Web API

How to generate PDF invoice from HTML template for HTML to PDF API in PowerShell: Step By Step Tutorial

ByteScout tutorials explain the code material for beginners and advanced programmers who are using PowerShell. PDF.co Web API was made to help with HTML to PDF API in PowerShell. PDF.co Web API is the Web API with a set of tools for documents manipulation, data conversion, data extraction, splitting and merging of documents. Includes image recognition, built-in OCR, barcode generation and barcode decoders to decode bar codes from scans, pictures and pdf.

This rich sample source code in PowerShell for PDF.co Web API includes the number of functions and options you should do calling the API to implement HTML to PDF API. This PowerShell sample code should be copied and pasted into your project. After doing this just compile your project and click Run. Enjoy writing a code with ready-to-use sample PowerShell codes to implement HTML to PDF API using PDF.co Web API.

Our website provides free trial version of PDF.co Web API that includes source code samples to help with your PowerShell project.

PowerShell - GeneratePdfInvoiceFromHtmlTemplate.ps1

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

# HTML template
$Template = [IO.File]::ReadAllText(".\invoice_template.html")
# Data to fill the template
$TemplateData = [IO.File]::ReadAllText(".\invoice_data.json")
# Destination PDF file name
$DestinationFile = ".\result.pdf"

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

# Prepare request body (will be auto-converted to JSON by Invoke-RestMethod)
$body = @{
    "html" = $Template
    "templateData" = $TemplateData
} | ConvertTo-Json
```

```powershell
try {
    # Execute request
    $response = Invoke-WebRequest -Method Post -Headers @{ "x-api-key" = $API_KEY;
"Content-Type" = "application/json" } -Body $body -Uri $query

    if ($response.StatusCode -eq 200) {

        $jsonResponse = $response.Content | ConvertFrom-Json

        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
        }
    }
    else {
        # Display request error status
        Write-Host $response.StatusCode + " " + $response.StatusDescription
    }
}
catch {
    # Display request error
    Write-Host $_.Exception
}
```

PowerShell - run.bat

```
@echo off

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

pause
```

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK (on-premise version)](#)

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