

How to add text and images to PDF in PowerShell with ByteScout Cloud API Server

Learning is essential in computer world and the tutorial below will demonstrate how to add text and images to PDF in PowerShell

The sample shows instructions and algorithm of how to add text and images to PDF and how to make it run in your PowerShell application. ByteScout Cloud API Server is API server that is ready to use and can be installed and deployed in less than 30 minutes on your own Windows server or server in a cloud. It can save data and files on your local server-based file storage or in Amazon AWS S3 storage. Data is processed solely on the API server and is powered by ByteScout engine, no cloud services or Internet connection is required for data processing.. It can be applied to add text and images to PDF using PowerShell.

Want to save time? You will save a lot of time on writing and testing code as you may just take the PowerShell code from ByteScout Cloud API Server for add text and images to PDF below and use it in your application. Simply copy and paste in your PowerShell project or application you and then run your app! Further improvement of the code will make it more robust.

Trial version of ByteScout Cloud API Server is available for free. Source code samples are included to help you with your PowerShell app.

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Source Code Files:

AddImageByFindingTargetCoordinates.ps1

```
# Direct URL of source PDF file.
$SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf"

# Search string.
$SearchString = 'Your Company Name'

# Prepare URL for PDF text search API call.
$queryFindText = "https://localhost/pdf/find?url=$($SourceFileURL)&searchString=$($SearchString)"
$queryFindText = [System.Uri]::EscapeUriString($queryFindText)

try {
    # Execute request
    $jsonResponseFindText = Invoke-RestMethod -Method Get -Uri $queryFindText

    if ($jsonResponseFindText.error -eq $false) {

        # Display search information
        $itemFindText = $jsonResponseFindText.body[0];

        Write-Host "Found text at coordinates $($itemFindText.left), $($itemFindText.top)"

        # Comma-separated list of page indices (or ranges) to process. Leave empty for all pages.
        $Pages = ""

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

        # Destination PDF file name
        $DestinationFile = "./result.pdf"

        # Image params
        $Type = "image"
        $X = 450
        $Y = $itemFindText.top
        $Width = 119
        $Height = 32
        $ImageUrl = "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/pdf"

        $resultFileName = [System.IO.Path]::GetFileName($DestinationFile)

        # Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost/pdf"
        # If it's not then please replace this with your hosting url.

        # * Add image *
        # Prepare request to `PDF Edit` API endpoint
        $query = "https://localhost/pdf/edit/add?name=$($resultFileName)&password=$($Password)"
        $query = [System.Uri]::EscapeUriString($query)

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

            if ($jsonResponse.error -eq $false) {
```

```

        # Get URL of generated barcode image file
        $resultFileUrl = $jsonResponse.url

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

        Write-Host "Generated PDF saved to '$($DestinationFile)' file."
    }
    else {
        # Display service reported error
        Write-Host $jsonResponse.message
    }
}
catch {
    # Display request error
    Write-Host $_.Exception
}
}
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 "& .\AddImageByFindingTargetCool
echo Script finished with errorlevel=%errorlevel%

pause

```

VIDEO

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

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