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barcode generator API in PowerShell and ByteScout Cloud API Server

ByteScout Cloud API Server: the ready to use Web API Server that can be deployed in less than 30 minutes into your own in-house server or into private cloud server. Can store data on in-house local server based storage or in Amazon AWS S3 bucket. Processing data solely on the server using built-in ByteScout powered engine, no cloud services are used to process your data!.

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Source Code Files:

GenerateBarcode.ps1



```

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

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

# Result file name
$ResultFile = ".\barcode.png"
# Barcode type. See valid barcode types in the documentation https://app.pdf.co/docume
$BarcodeType = "QRCode"
# Barcode value
$BarcodeValue = "QR123456\nhttps://pdf.co\nhttps://bytescout.com"

# Valid error correction levels:
# -----
# Low - [default] Lowest error correction level. (Approx. 7% of codewords can be resto
# Medium - Medium error correction level. (Approx. 15% of codewords can be restored).
# Quarter - Quarter error correction level (Approx. 25% of codewords can be restored).
# High - Highest error correction level (Approx. 30% of codewords can be restored).

# Set "Custom Profiles" parameter
$Profiles = "{ \"profiles\": [ { \"profile1\": { \"Options.QRErrorCorrectionLevel\": \"

$resultFileName = [System.IO.Path]::GetFileName($ResultFile)
$query = "https://localhost/barcode/generate"

# Prepare request body (will be auto-converted to JSON by Invoke-RestMethod)
# See documentation: https://apidocs.pdf.co
$body = @{"name" = $resultFileName
          "type" = $BarcodeType
          "value" = $BarcodeValue
          "profiles" = $Profiles
        } | ConvertTo-Json

try {
    # Execute request
    $response = Invoke-WebRequest -Method Post -Headers @{ "x-api-key" = $API_KEY; "Co

    $jsonResponse = $response.Content | ConvertFrom-Json

    if ($jsonResponse.error -eq $false) {
        # Get URL of generated barcode image file
        $resultFileUrl = $jsonResponse.url

        # Download the image file
        Invoke-WebRequest -Uri $resultFileUrl -OutFile $ResultFile

        Write-Host "Generated barcode saved to '$($ResultFile)' file."
    }
    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 "& .\GenerateBarcode.ps1"
echo Script finished with errorlevel=%errorlevel%

pause
```

VIDEO

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

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