

How to read barcode from uploaded file for barcode reader API in PowerShell and ByteScout Cloud API Server

How to read barcode from uploaded file for barcode reader API in PowerShell: Step By Step Instructions

Check these thousands of pre-made source code samples for simple implementation in your own programming projects. ByteScout Cloud API Server was designed to assist barcode reader API in PowerShell. ByteScout Cloud API Server is 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!.

Want to learn quickly? These fast application programming interfaces of ByteScout Cloud API Server for PowerShell plus the instruction and the code below will help to learn how to read barcode from uploaded file. Open your PowerShell project and simply copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample PowerShell codes to add barcode reader API functions using ByteScout Cloud API Server in PowerShell.

Free! Free! Free! ByteScout free trial version is available for FREE download from our website. Programming tutorials along with source code samples are assembled.

FOR MORE INFORMATION AND FREE TRIAL:

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

[Read more about ByteScout Cloud API Server](#)

[Explore API Documentation](#)

[Get Free Training for ByteScout Cloud API Server](#)

[Get Free API key for Web API](#)

[visit www.Bytescout.com](http://www.Bytescout.com)

Source Code Files:

ReadBarcodeFromUploadedFile.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.

# Source file name
$SourceFile = ".\sample.pdf"
# Comma-separated list of barcode types to search.
$BarcodeTypes = "Code128,Code39,Interleaved2of5,EAN13"
# Comma-separated list of page indices (or ranges) to process. Leave empty for all page
$Pages = ""

# 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
# * If you already have a direct file URL, skip to the step 3.

# Prepare URL for `Get Presigned URL` API call
$query = "https://localhost/file/upload/get-presigned-url?contenttype=application/octe
[System.IO.Path]::GetFileName($SourceFile)
$query = [System.Uri]::EscapeUriString($query)

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

    if ($jsonResponse.error -eq $false) {
        # Get URL to use for the file upload
        $uploadUrl = $jsonResponse.presignedUrl
        # Get URL of uploaded file to use with later API calls
        $uploadedFileUrl = $jsonResponse.url

        # 2. UPLOAD THE FILE TO CLOUD.

        $r = Invoke-WebRequest -Method Put -Headers @{ "content-type" = "application/o

        if ($r.StatusCode -eq 200) {

            # 3. READ BARCODES FROM UPLOADED FILE

            # Prepare URL for `Barcode Reader` API call
            $query = "https://localhost/barcode/read/from/url?types=$($BarcodeTypes)&p
            $query = [System.Uri]::EscapeUriString($query)

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

            if ($jsonResponse.error -eq $false) {
                # Display found barcodes in console
                foreach ($barcode in $jsonResponse.barcodes)
                {
                    Write-Host "Found barcode:"
                    Write-Host "  Type: $($barcode.TypeName)"
                    Write-Host "  Value: $($barcode.Value)"
                    Write-Host "  Document Page Index: $($barcode.Page)"
                    Write-Host "  Rectangle: $($barcode.Rect)"
                }
            }
        }
    }
}
```

```

        Write-Host " Confidence: $($barcode.Confidence)"
        Write-Host ""
    }
}
else {
    # Display service reported error
    Write-Host $jsonResponse.message
}
}
else {
    # Display request error status
    Write-Host $r.StatusCode + " " + $r.StatusDescription
}
}
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 "& .\ReadBarcodeFromUploadedFile
echo Script finished with errorlevel=%errorlevel%

pause

```

VIDEO

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

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout Cloud API Server Home Page](#)
[Explore ByteScout Cloud API Server Documentation](#)
[Explore Samples](#)
[Sign Up for ByteScout Cloud API Server Online Training](#)

ON-DEMAND REST WEB API

[Get Your API Key](#)
[Explore Web API Docs](#)
[Explore Web API Samples](#)

[visit www.ByteScout.com](http://www.ByteScout.com)

[visit www.PDF.co](http://www.PDF.co)

www.bytescout.com