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Question

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## Image Download from URL

Hello,

I'm currently struggling with a HTTP request to a URL, which contains an jpeg image file.

Testing the request with a browser or Postman results in the image being shown normally.

Using a %Net.HttpRequest with different configurations has resulted in a corrupted file.

My code works for some URLs from other servers perfectly fine, but with some it produces corrupted file contents which do not represent a jpeg.

```
N REQ,STATUS,RET
Set REQ=##class(%Net.HttpRequest).%New()
Set REQ.Server="www.distrelec.de"
set REQ.SSLConfiguration="agimero.quwiki.de"
SET REQ.FollowRedirect=1
SET REQ.ContentType="image/jpeg;charset=UTF-8"
DO REQ.SetHeader("Connection","keep-alive")
DO REQ.SetHeader("Accept-Encoding","gzip,deflate,br")
SET REQ.Port=443
set REQ.Https=1
SET STATUS=REQ.Get("/Web/WebShopImages/landscapemedium/t/if/sortimentsboxen-1.jpg" )

SET STREAM=REQ.HttpResponse.Data
```

I have tried different approaches like http with Port 80, different SSL Configurations, using \$system.Util.Decompress but STREAM always contains less data, than the amount I can see in Postman or my browser. The image should be 18 KB but STREAM only contains 13 KB. Converting to Base64 also yielded no displayable result.

Here are the headers sent and received with Postman.

Overview

POST https://mobil POST https://mobil POST https://mobil POST http://192.16i POST http://192.16i POST http://192.16i GET https://www.fi GET https://www.d + ... No Environment

https://www.distrelec.de/Web/ShopImages/landscape\_medium/\_t/ff/sortimentsboxen-1.jpg

Save

GET

https://www.distrelec.de/Web/ShopImages/landscape\_medium/\_t/ff/sortimentsboxen-1.jpg

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

☒ User-Agent ⓘ

PostmanRuntime/7.29.2

☒ Accept ⓘ

\*/\*

☒ Accept-Encoding ⓘ

gzip, deflate, br

☒ Connection ⓘ

keep-alive

Body

Cookies (2)

Headers (9)

Test Results

Status: 200 OK

Time: 27 ms

Size: 17.73 KB

Save Response

KEY	VALUE
Etag ⓘ	a919e895229c7883864aecbfa2717516
Last-Modified ⓘ	Thu, 01 Jan 1970 00:00:01 GMT
Content-Type ⓘ	image/jpeg;charset=UTF-8
Content-Length ⓘ	17759
Cache-Control ⓘ	max-age=0
Date ⓘ	Mon, 14 Nov 2022 08:56:52 GMT
Strict-Transport-Security ⓘ	max-age=31536000; includeSubDomains; preload
X-CDN ⓘ	Imperva
X-linfo ⓘ	12-83028422-0 OCNN RT(1668416202274 9828) q(0 -1 -1 -1) r(0 -1)

#Data Import and Export #Caché

Product version: Caché 2017.1

\$ZV: Cache for Windows (x86-64) 2017.2 (Build 744U) Fri Sep 29 2017 10:58:27 EDT

Source URL:<https://community.intersystems.com/post/image-download-url>