
Question

[Yone Moreno](#) · Jan 28, 2021

Send an image as a binary from a REST Service, as %Stream.GlobalBinary or %Stream.FileBinary;

Hello,

We would need some help,

Our aim is to send an image as binary data using a REST Service

Currently we do the following:

1 We get from the external system a binary image in our REST Operation

2 We encode it to Base64

```
set linea=""
while (tResponse.Data.AtEnd = 0) {
    set linea = linea_$system.Encryption.Base64Encode(tResponse.Data.Read(57))
}
```

3 We send it to the Process in a Response Message:

```
Class Mensajes.Response.miSCS.ConsultarImagen Extends Ens.Response
{

Property resultado As %Boolean;

Property informacion As %String(MAXLEN = "");

Property binario As %Stream.GlobalBinary;

// Property binario As %Stream.FileBinary;

// Property binario As %GlobalCharacterStream;

// Property binario As %Stream.TmpCharacter;

Property error As EsquemasDatos.Seguridad.Error;
```

4 The Process takes kindly the Base64 and converts it into a Binary:

```
set binario = $system.Encryption.Base64Decode(response.informacion)

set response.informacion = binario
```

5 Our REST Service gets the Process response:

```
do objetoSalida.binario.Write(objetoSalida.informacion)

$$$LOGINFO("objetoSalida.binario: "_objetoSalida.binario.Read())
do objetoSalida.binario.Rewind()

set objetoSalida.informacion = ""
```

```
$$$LOGINFO("pOutput.Read(): "_pOutput.Read())
do pOutput.Rewind()
```

»	Cabecera	Cuerpo	Contenido
Id.:	1132728		
Tipo:	Info		
Texto:	<p>objetoSalida.binario: y@yJFIFÛ (%11%)...383,7(+</p> <p>-& %x*ÿÄÿÄ1HQAq"2Rz#Bñ3STqÖaöCbÄf4D*ÿÄB11Q"2AS±RaQÄÑbñ#BCñf3\$ÿÛ?6 'X ±LÄ1l-Ü/-ÜQvÖ rWDEReUEöä1"→æ-B9l-æäü"-)jtöWö)ñ nç-xLuqYDEKiatÖAe"ckg3æfiae?^I aÜYLFÄJö"ämE-nE±B-ün¿a"A>ÜEvÖr×pDYEvöYé SR AÄo¼s9n¶F8Ü9¶Xj¶ 313ÜnBÜÖEueJnB4¶¶ 15°SV(V#E,Æb¶¶Y4t4EÖ)jÖxWYÖÖ={ öei+æE 46dÖEjæEaNyIÆ+grQÖ %Ü &¼ 8XIH6?HajÇqçÜ6ebâÖ4ëaâS8alfmDææy7çjü N,8ö6j:5VA@ BÜ, Epöë*g°20xJnJmWdy?3>> ÖßäÖÖ,öµE"ÆH±æ I+K3 '\$f"EjR Uf ¶3¼UÿY ¼G,9Næg%¶¶7¼4M±æbÄjÄ11URÄ vÄUEJÉEEI-TM<¼S10j±¶CJj 6z@pÄS1skÜSR)%Emä9,@@@=fEÖÜmMÄ7#DEÄeq=E ñ¼æ¼uÖT-xelç7R¶¶ÜA=NO=« ,CmBQ2 -ë\$Å, A15üe EÄjÇÜ V",æ°b1z"æÖjÖTÖÄÖjÖÄäæöæ@æj¼n6 äänÖÖY3_e5 Ö&äö3"/EoÄj09</p>		

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»	Cabecera	Cuerpo	Contenido
Id.:	1132729		
Tipo:	Info		
Texto:			<pre>pOutput.Read(): { "resultado":true, "informacion": "", "binario":null, "error":null }</pre>

So then, in Postman we see it null:



How could we send an image as a binary from a REST Service?

We would need to send it as binary data, because if we return it as: %GlobalCharacterStream;

Postman would have the JPG image data with strange characters as "%x00" or "%x01"

We have read:

#Code Snippet #Ensemble

URL:<https://community.intersystems.com/post/send-image-binary-rest-service-streamglobalbinary-or-streamfilebinary>