
Question

[Carl Campbell](#) · Jun 18, 2021

Sending a PDF file in a REST Message

Hi Community...I am trying figure this out any help appreciated. Thanks in advance

The service is a file passthrough that picks up a PDF and then uses the BPL code below to create the rest wrapper and sends the stream data. I am not grabbing the stream from the inbound correctly, "request.Stream" or "request.StreamFC" always produces the following error.

Here is what is sent and returned in the message..

request:

<Stream>

15@%Library.FileCharacterStream

</Stream>

response:

<Stream>

Unable to load xml from message: Data at the root level is invalid. Line 1, position 1.

</Stream>

-I think my issue is I am not using the right class by using "%GlobalStreamCharacter", Or the raw PDF CDATA inbound I am not handling correctly

```
set context.RESTMessage.Stream=##class(%GlobalCharacterStream).%New()
```

I have tried using different Stream types...File, Binary....but no luck

-The general BPL below

```
/// BPL Definition
XData BPL [ XMLNamespace = "http://www.intersystems.com/bpl" ]
{
<process language='objectscript' request='Ens.StreamContainer' response='Ens.Response'
height='2000' width='2000' >
<context>

.....

.....

....

<code name='Create REST Message' xpos='200' ypos='250' >
```

```
<![CDATA[
  set context.RESTMessage=##class(EnsLib.HTTP.GenericMessage).%New()
  set context.RESTMessage.Stream=##class(%GlobalCharacterStream).%New()
  set tSC=context.RESTMessage.Stream.Write(request.StreamFC)
  set tSC=context.RESTMessage.HTTPHeaders.SetAt("application/xml","Content-Type")
  set tSC=context.RESTMessage.HTTPHeaders.SetAt(context.RESTMessage.Stream.Size,"Content-Length")
  set tSC=context.RESTMessage.HTTPHeaders.SetAt("POST","HttpRequest")

]]>
</code>
```

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