

Question

[Lewis Houlden](#) · Aug 17, 2022

Base64 payload and XML to objects

I am trying to import a large base64 string into objects but I can't seem to get it to work:

```
ClassMethod Test() As %Status
{
Set readerForItkRequestData = ##class(%XML.Reader).%New()

Set file="c:\Source\testfull.xml"

Set status = readerForItkRequestData.OpenFile(file)
Do readerForItkRequestData.Correlate("Envelope", "Phu.Epro.Schema.Itk.Envelope")
set temp = readerForItkRequestData.Next(.pOutput,.tStatus)
Do pOutput.%Save()

}
```

The class I'm trying to project to:

```
Class Phu.Epro.Schema.Itk.Payload Extends (%Persistent, %XML.Adaptor)
{

Parameter XMLIGNOREINVALIDTAG = 1;

Property ManifestItemId As %String(XMLNAME = "id", XMLPROJECTION = "attribute");

Property FileName As %String(XMLNAME = "filename", XMLPROJECTION = "attribute");

Property Test As %String(MAXLEN = "", XMLPROJECTION = "content");}
```

The error I get is:

Datatype validation failed for tag, payload (ending at line 40 character 36), with value:

Here's the xml trying to be imported, with the base64 stripped:

```
<payload filename="eaf7a956-f09e-43a0-9a20-95696dc5acac.pdf" id="binaryDocument">J...YNCg==</payload>
```

It's worth mentioning this is a collection. The Payloads can also be quite different (notice how the first one doesn't have "content" and is complex type:

```
<payload id="clinicalDocument">
  <ClinicalDocument xmlns="urn:hl7-org:v3" xmlns:npfitc="NPFIT:HL7:Localisation" classCode="DOCCLIN"
moodCode="EVN">
  <typeld extension="POCDHD000040" root="2.16.840.1.113883.1.3"/>
  <custodian typeCode="CST">
  </custodian>
  <componentOf typeCode="COMP">
  </componentOf>
  <component contextConductionInd="true" typeCode="COMP">
  <nonXMLBody classCode="DOCBODY" moodCode="EVN">
```

```
<text mediaType="text/plain" representation="TXT">Refer to other payloads in this message for document
content</text>
</nonXMLBody>
</component>
</ClinicalDocument>
</payload>
<payload filename="eaf7a956-f09e-43a0-9a20-95696dc5acac.pdf" id="binaryDocument">J....YNCg==</payload>
```

. Any help would be appreciated!

[#XML #InterSystems IRIS for Health](#)

Product version: IRIS 2019.1

Source URL: <https://community.intersystems.com/post/base64-payload-and-xml-objects>