

Question

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Decoding Base64 PDF File

Hello, I am writing some cache code that will pick up a PDF file, Base64 encode the contents and then send on to a third party system within a Long String (via their API). I have been testing this and discovered that the PDFs do not open within the supplier system (I get an error saying that it hasn't been decoded correctly). I wanted to prove that the issue does not lie with the way that I have Base64 encoded it within Ensemble, and therefore as a test wanted to Encode the PDF stream, then decode the stream and write out to a new file. Unfortunately after my code has created the file locally, when I go to open the file in Adobe, I get the same error message. Therefore I am trying to work out if I have not Encoded it properly, or have not Decoded it properly (or both!). Below is a code snippet of how I am performing this test within a BPL code block; ~~~ //context.streamPDF is a %StreamGlobalBinary containing the PDF stream. //context.streamPDFbase64 is a %Stream.GlobalBinary set stream2=##class(%Stream.GlobalBinary).%New() do context.streamPDF.Rewind() while 'context.streamPDF.AtEnd { set buffer = context.streamPDF.Read(4000) do context.streamPDFbase64.Write(\$System.Encryption.Base64Encode(buffer)) } do context.streamPDFbase64.Rewind() while 'context.streamPDFbase64.AtEnd { set temp=context.streamPDFbase64.Read(4000) set temp=\$system.Encryption.Base64Decode(temp) do stream2.Write(temp) } //Output decoded to pdf file do stream2.Rewind() Set file=##class(%File).%New("C: / ANewPDF.pdf") Do file.Open("WSN") // The W means Write, S means put the file in stream mode, and N means create if not there already Set sc=file.CopyFrom(stream2) Do file.%Save() Do file.Flush() Do file.Close() ~~~ Any help greatly appreciated!

[#Caché](#) [#Business Process \(BPL\)](#) [#Ensemble](#)

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