

# Re: Error with DB2 adapters while processing an envelope

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*Source:*

<http://www.tech-archive.net/Archive/BizTalk/microsoft.public.biztalk.general/2007-02/msg00345.html>

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- *From:* "Wade Wegner" <[wegnwa@xxxxxxxxxx](mailto:wegnwa@xxxxxxxxxx)>
  - *Date:* 19 Feb 2007 15:23:38 -0800
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I've learned an additional detail.

I created a receive port/location which points to an "IN" folder, and a send port that points "OUT" folder. If I take the raw XML document that I create via the DB2 adapters, it will fail with the "processing\_empty\_document" message. I should note that the raw XML produced by the DB2 adapter is all on one line, and not at all formatted.

If I open up this XML document in Visual Studio 2005, and format it (which includes whitespaces and carriage returns), and then drop it in the "IN" folder, it is debatched appropriately, and I receive independent documents in the "OUT" folder.

So, it looks like the XML disassembler fails because the XML is all on one line!

It seems to me that it should not work like this. Does anyone have any insight?

Here's my envelope schema:

```
<?xml version="1.0" encoding="utf-16"?>
<xs:schema xmlns:b="http://schemas.microsoft.com/BizTalk/2003
xmlns="http://schemas.tsa.com/esb/dcmessaging/hostschemas/origination/
cartonstores" elementFormDefault="qualified" targetNamespace="http://
schemas.tsa.com/esb/dcmessaging/hostschemas/origination/cartonstores"
xmlns:xs="http://www.w3.org/2001/XMLSchema>
<xs:annotation>
<xs:appinfo>
<b:schemaInfo is_envelope="yes" xmlns:b="http://
schemas.microsoft.com/BizTalk/2003" />
</xs:appinfo>
</xs:annotation>
<xs:element name="CartonStoresEnvelope">
<xs:annotation>
<xs:appinfo>
```

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```
<b:recordInfo body xpath="/*[local-  
name()='CartonStoresEnvelope' and namespace-uri()='http://  
schemas.tsa.com/esb/dcmessaging/hostschemas/origination/  
cartonstores']" />  
</xs:appinfo>  
</xs:annotation>  
<xs:complexType>  
<xs:sequence>  
<xs:any maxOccurs="unbounded" namespace="##any"  
processContents="lax" />  
</xs:sequence>  
</xs:complexType>  
</xs:element>  
</xs:schema>
```

Here's my document schema:

```
<?xml version="1.0" encoding="utf-16"?>  
<xs:schema xmlns:b="http://schemas.microsoft.com/BizTalk/2003  
xmlns="http://schemas/cartonstores targetNamespace="http://schemas/  
cartonstores" xmlns:xs="http://www.w3.org/2001/XMLSchema>  
<xs:element name="Table1">  
<xs:complexType>  
<xs:attribute name="TIF_RECORDID" type="xs:int" />  
<xs:attribute name="TIF_OPERATIONTYPE" type="xs:string" />  
<xs:attribute name="MESSAGE" type="xs:string" />  
<xs:attribute name="TIMSTMP" type="xs:string" />  
<xs:attribute name="MSGNBR" type="xs:decimal" />  
<xs:attribute name="SRCAPP" type="xs:string" />  
<xs:attribute name="SRCLOCN" type="xs:decimal" />  
<xs:attribute name="FEEDFLG" type="xs:string" />  
<xs:attribute name="SVCGRPID" type="xs:string" />  
<xs:attribute name="SVCINFO" type="xs:string" />  
<xs:attribute name="ERRORID" type="xs:string" />  
<xs:attribute name="MSGTXT1" type="xs:string" />  
<xs:attribute name="MSGTXT2" type="xs:string" />  
<xs:attribute name="ALERTFLG" type="xs:string" />  
<xs:attribute name="PRTMSTMP" type="xs:string" />  
<xs:attribute name="CARTONID" type="xs:string" />  
<xs:attribute name="CTNTOLOC" type="xs:decimal" />  
</xs:complexType>  
</xs:element>  
</xs:schema>
```

I would be happy to send a zipped solution with bindings, if you'd like to try it out yourself.

On Feb 16, 10:28 am, "Wade Wegner" <weg...@xxxxxxxxxx> wrote:

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I should add that I don't get errors when I switch the send pipeline to PassThruTransmit from XMLTransmit. Only, it doesn't debatch the message — it just leaves it in one batch, which is not what I want.

Any help would be greatly appreciated! Thanks!

On Feb 15, 8:32 am, "Wade Wegner" <weg...@xxxxxxxxxx> wrote:

Hi all,

I am using the host adapters to connect to a DB2 system. I invoke a stored procedure, which returns a number of records back. I have two schemas defined — one that was created by the host adapter, and an envelope. Both have the same target namespace defined. I've been able to follow the following link and get this to work against SQL 2005:

<http://msdn2.microsoft.com/en-us/library/ms916019.aspx>

However, when I try those steps with the DB2 adapter, I get the following errors:

==

A message received by adapter "DB2" on receive location "RECEIVELOCATION" with URI "DB2://SERVER:446/SERVER/BIZPOC" is suspended.  
Error details: There was a failure executing the receive pipeline: "Microsoft.BizTalk.DefaultPipelines.XMLReceive, Microsoft.BizTalk.DefaultPipelines, Version=3.0.1.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35" Source: "Pipeline " Receive Port: "RECEIVEPORT" URI: "DB2://SERVER:446/SERVER/BIZPOC" Reason: Unexpected event ("document\_start") in state "processing empty document". MessageId: {83935FBB-09B8-49C3-A934-ACDEA268A05B} InstanceID: {9F1E40EB-1B7A-43C3-ABC0-4C809307E60B}

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There was a failure executing the receive pipeline:  
"Microsoft.BizTalk.DefaultPipelines.XMLReceive,  
Microsoft.BizTalk.DefaultPipelines, Version=3.0.1.0, Culture=neutral,  
PublicKeyToken=31bf3856ad364e35" Source: "Pipeline " Receive Port:  
"RECEIVEPORT" URI: "DB2://SERVER:446/SERVER/BIZPOC" Reason:  
Unexpected  
event ("document\_start") in state "processing\_empty\_document".

==

I imagine the problem occurs during the debatching of the messages,  
but I have no idea how to resolve the problem. Can anyone provide any  
suggestions or assistance?

Thank you very much!

Wade– Hide quoted text –

– Show quoted text –

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