

Re: Help in sending Biztalk messages to SQL Server 2005

Source:

<http://www.tech-archive.net/Archive/BizTalk/microsoft.public.biztalk.general/2008-05/msg00150.html>

- *From:* Oliver <Oliver@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 19 May 2008 18:05:00 -0700
-

"Dan Rosanova" wrote:

Hi Oliver,

Use the SQL Adapter to generate an insert schema for you, then map your XML to this generated schema. I assume you already have the table you want to put the data into.

In Visual Studio right click your project and select Add Generated Items...

Then select Add Adapter Metadata (click Add).

Select the SQL adapter from the list

Set the connection string / settings for the SQL Adapter

Fill in some usefull namespaces and root element names hit Next

Select Updategram click Next

Select Insert and the table you want to insert to, and the columns you want to update, click Next then Finish

This will actually add an orchestration and a schema to your solution, you don't really need the orchestration, but you can certainly use it to start your solution.

From here you will want to create a map from your current schema to the new generated schema (for the request).

After that when you deploy it will create the SQL port for you and just enable and start everything and you should be set.

As I mentioned, you may not need an orchestration at all. Supposed you are receiving an XML file that contains your fields, you could create a receive port & location, then create a send port with a filter for the `BTS.ReceivePortName == "whatever you called your receive port"`. This will create a direct subscription. On this port if you set the outbound map to the map you created it will all work fine without even using orchestration.

Hope this helps.

Kind Regards,

Re: Help in sending Biztalk messages to SQL Server 2005

-Dan

Hi Dan,

Thank you so much for sharing your expertise. I tried it and it works pretty fine. I have another question. What about if I'm going to check the id of a record if it exists already in the database before inserting the record to avoid duplicates. Can I still use the updategram for such query or use a stored procedure? As what I have seen in the updategram, it has only the insert, update, and delete options. So I think the stored procedure is the right one to use. Have you experienced this situation? Can you share your knowledge about this?

I really appreciate your help on this.

Kind regards,

Oliver

.