

Re: Iterative loop through SQL expression

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<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.dts/2006-11/msg00163.html>

- *From:* Todd C <ToddC@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 22 Nov 2006 05:14:01 -0800
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Allan: Thank you for the links. Got those pages bookmarked for future issues!

I was able to accomplish this with help from your book, "Pro SQL 2005 IS", with an Execute SQL Task (outside), a Script Task (inside), and the ForEach container. The SQL Task reads the recordset into an object variable, the ForEach shreds it to the assigned variables for each respective column, and the Script builds dynamic SQL and assigns it to another string variable for use in the Data Source.

The ultimate goal was to iterate through a bunch of tables that had identical schema design and send them all to a Fact table in the warehouse.

Yes, a simple UNION ALL would work, but I wanted a way to dynamically choose which tables to pull from based on entries in a meta table.

Thanks for your suggestions.

Keep them coming!

Todd C

"Allan Mitchell" wrote:

Hello Todd,

For reading into a Rowset variable have a look here

<http://www.sqlis.com/default.aspx?59>

You could also do the assignment through an ExecuteSQL task

<http://www.sqlis.com/default.aspx?58>

Regards

Re: Iterative loop through SQL expression

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Mike: Can you tell me EXACTLY how you accomplished this scenario? I understand Allan's GENERAL instructions, but I can't seem to put it into practice.

For example, Allan says,

Read the SELECT statement into a Rowset
variable (object)

GREAT! How do I do that? Do I need a separate Data Flow to make that happen?

Once I do that, how do I retrieve the values from each row?

Thanks in advance.

Todd C

"Mike Coffey" wrote:

Allan:

That should do it. Thanks for the assist.

mc

"Allan Mitchell" wrote:

Hello Mike,

So you have a SELECT statement that returns a rowset. You want to loop over the rowset and execute n Tasks?

Read the SELECT statement into a Rowset variable (object)

Now in the ForEach loop use the ForEach ADO Enumerator type and add your variable when prompted.

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Is this what you want to do ?

Allan

Very long story short, I have a group of steps in an SSIS package that I would like to loop through based on the values returned from an SQL SELECT statement. I've tried to set up the ForEach Loop container to process the statement, but have been unsuccessful. How do I tell the container to iteratively process the key values returned by the SELECT?