

Re: "EXEC" in SQL Server 2000 Views

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.programming/2005-01/3864.html>

From: Kalen Delaney (*replies_at_public_newsgroups.com*)

Date: 01/20/05

Date: Wed, 19 Jan 2005 22:36:59 -0800

Have you successfully run the SELECT by itself? You need to make sure that works before trying to create a view.

--
HTH

Kalen Delaney
SQL Server MVP
www.SolidQualityLearning.com
"Sue" <Sue@discussions.microsoft.com> wrote in message
news:F58BAD3-4E88-46AD-97E3-A0C1B39E3C0B@microsoft.com...
> Hi Kalen,
>
> Thanks for this clarification. If I create the View with the pass-through
> query in it as follows:
> CREATE VIEW dbo.TestReportedby
> AS
> SELECT * FROM openquery(LinkedServerName,
> 'SELECT a.Incident_no,
> a.Description,
> b.Person_ID AS Reportedbyid,
> c.Name as Reportedby
> FROM (a
> INNER JOIN b
> ON a.Incident_no = b.Incident_No)
> INNER JOIN c
> ON c.Person_id = b.Person_id
> WHERE (b.Involvement_Type = "REPTBY"
> AND a.Completed = 0) ')
>
> the View creates perfectly OK but when I try to select using the view by
>
> select * from testreportedby
>
> I get the following error:
>
> Could not execute query against OLE DB provider 'MSDASQL'.
> OLE DB error trace [OLE/DB Provider 'MSDASQL' ICommandText::Execute
> returned
> 0x80040e10].
>
> with no other details.
>
> Also, I tried to create the query in the view as you suggested by
> referencing the tables in the linked server directly as in:

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>
> SELECT a.Incident_no,
> a.Description,
>     b.Person_ID AS Reportedbyid,
>     c.Name as Reportedby
> FROM   (LinkedServerName.DBName.Owner.Table1 a
> INNER JOIN LinkedServerName.DBName.Owner.Table2 b
> ON a.Incident_no = b.Incident_No)
> INNER JOIN LinkedServerName.DBName.Owner.Table3 c
> ON c.Person_id = b.Person_id
> WHERE  (b.Involvement_Type = 'REPTBY'
> AND a.Completed = 0)
>
> but first get the message:
>
> Invalid use of schema and/or catalog for OLE DB provider 'MSDASQL'. A
> four-part name was supplied, but the provider does not expose the
> necessary
> interfaces to use a catalog and/or schema.
> OLE DB error trace [Non-interface error].
>
> If I remove the Owner and/or DBName I get:
>
> Server: Msg 208, Level 16, State 1, Procedure TestReportedby, Line 5
> Invalid object name 'LinkedServerName.Table1'.
> Server: Msg 208, Level 16, State 1, Procedure TestReportedby, Line 5
> Invalid object name 'LinkedServerName.Table2'.
> Server: Msg 208, Level 16, State 1, Procedure TestReportedby, Line 5
> Invalid object name 'LinkedServerName.Table3'.
>
> I can't seem to find any information about how I specify the
> fully-qualified
> object name for an Access 97 table. Obviously the SQL one
> (linked_server_name.catalog.schema.object_name) isn't valid for Access.
> Are
> you able to help me with this?
>
> Much appreciated.
>
> Sue
>
>
> "Kalen Delaney" wrote:
>
>> Hi Sue
>>
>> You misunderstood something, somewhere. It is NOT possible to include an
>> EXEC as part of a view definition, in ANY version.
>>
>> You say you cannot issue the SELECT against the view, but you haven't
>> told
>> us why not. Do you get an error message? What does it say?
>>
>> You can issue a view against remote tables:
>>
>> CREATE VIEW dbo.Test
>> AS
>>     SELECT a.Incident_no,   a.Description,
>>            b.Person_ID AS Reportedbyid,  c.Name as Reportedby
>>     FROM   LinkedServerName...a
>>     INNER JOIN LinkedServerName...b
>>     .... etc.
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>>
>> --
>> HTH
>> -----
>> Kalen Delaney
>> SQL Server MVP
>> www.SolidQualityLearning.com
>>
>>
>> "Sue" <Sue@discussions.microsoft.com> wrote in message
>> news:5A64E47D-F208-4428-9BA7-9097EF968D84@microsoft.com...
>> > From a View in my SQL Server 2000 db I need to either EXEC a
>> > pass-through
>> > query (to an Access 97 db) or EXEC a stored procedure which itself
>> > executes
>> > the pass-through query (via the OPENQUERY command and a Linked Server).
>> >
>> > I understand that it is possible to include an EXEC statement in a View
>> > in
>> > SQL Server 2000 where it wasn't in SQL 7. I can CREATE the following
>> > View:
>> >
>> > CREATE VIEW dbo.Test
>> > AS
>> > SELECT * FROM openquery(LinkedServerName,
>> > 'SELECT a.Incident_no,
>> > a.Description,
>> >          b.Person_ID AS Reportedbyid,
>> > c.Name as Reportedby
>> > FROM (a
>> > INNER JOIN b
>> > ON a.Incident_no = b.Incident_No)
>> > INNER JOIN c
>> > ON c.Person_id = b.Person_id
>> > WHERE (b.Involvement_Type = "REPTBY"
>> > AND a.Completed = 0)
>> > ')
>> >
>> > The View creates OK but then I cannot issue a SELECT statement against
>> > it
>> > in
>> > Query Analyzer. I have put the pass-through query in a stored procedure
>> > and
>> > tried to create the View as follows:
>> >
>> > CREATE VIEW dbo.Test
>> > AS
>> > EXEC Test_SP
>> >
>> > but this doesn't work.
>> >
>> > Does anyone have any idea how I can create this View to execute the
>> > pass-through query or the stored procedure?
>> >
>> > Thanks for your assistance,
>> >
>> > Sue
>> >
>>
>>
>>
```