

Re: recursive sp, fmtonly, ado,

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.programming/2004-12/0807.html>

From: Attila Gyuri (*gya_site_at_freemail.hu*)

Date: 12/02/04

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You're right, I'm using Delphi.

This was the first thing I've checked, because I suspect Delphi.

But there is no explicit FMTONLY call.

I looked behind the Delphi object model,

and an ADO Command.Execute (calling the recursive sp) causes the FMTONLY.

It's in somewhere inside ADO or OLEDB.

Delphi might change a property resulting this.

I will check all the Connection and Command properties.

Thanks,

Attila

"David Gugick" <davidg-nospam@imceda.com> wrote in message
news:uh6kViJ2EHA.2572@tk2msftngp13.phx.gbl...

> *Attila Gyuri wrote:*

>> *Hello!*

>>

>> *There are some recursive procedures in my app. Normally they have a*

>> *maximum nesting level of 4-5.*

>>

>> *ADO uses FMTONLY ON to get metadata from sql server. Recursive stored*

>> *procedures sometimes will fail with "Maximum stored procedure,*

>> *function, trigger, or*

>> *view nesting level exceeded (limit 32)".*

>> *These errors will be ignored by ADO, because FMTONLY is ON, but the*

>> *transaction started from the client will be rolled back.*

>>

>> *Is it possible to get rid of this fmtonly metadata checking?*

>>

>> *SQL Server 2000 SP3, MDAC 2.8*

>>

>> *Thanks,*

>>

>> *Attila Gyuri*

>> *SQL Server MCP*

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>>
>> Here is a simple script to reproduce the problem:
>>
>> set fmtonly off
>>
>> GO
>>
>> drop procedure fmttest
>>
>> GO
>>
>> create procedure fmttest
>> as
>>
>> if 1 = 0
>> begin
>> /*this won't be invoked except when FMTONLY is ON*/
>> exec fmttest
>> end
>>
>> GO
>>
>> set fmtonly off
>> /*this will be OK*/
>> exec fmttest
>>
>> /*this will cause "Maximum stored procedure, function, trigger, or
>> view nesting level exceeded (limit 32)*/
>> set fmtonly on
>> exec fmttest
>> /*here the transaction is rolled back*/
>
> I've never seen this in any ADO application, except some written in
> Delphi. It's not an ADO thing. It is something set in the ADO library
> when used by an application. Check you application code and try and change
> whatever properties are set that are causing the FMTONLY ON. It just adds
> unnecessary overhead to the application and database in most cases. Some
> grid controls use this feature to grab the empty result set in order to
> set up columns. Still, I think it's unnecessary.
>
> --
> David Gugick
> Imceda Software
> www.imceda.com
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