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Subject: Re: OleDb + parameters = problem  
Posted by [mirek](#) on Sat, 24 Jan 2009 19:19:13 GMT  
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Novo wrote on Sat, 24 January 2009 11:58luzr wrote on Fri, 23 January 2009 05:59Anyway, it seems like DDL does not have such bad effect on precompiled statements after all:

I checked my code.

In case of DDL statement and:

ADO - (I was using it with JET and MSSQL Server) I commit transaction and clear statement cache.

SQLITE - clear statement cache and finalize current statement (I'm using old API).

Interbase/Firebird - clear statement cache, rollback transaction, execute DDL, commit transaction. (This database has slightly different transaction model).

this is a bug, or it was tested only with MS SQL Server.

ORACLE - clear statement cache, execute DDL, mark all open statements as invalidated by DDL (they should be prepared again).

Microsoft has different APIs to work with MS SQL Server. Prepare-Bind-Execute model is implemented using special stored procedures, which are often called by a high-level API. You can check that in FreeTDS ODBC driver. It is open-source.

Well, sorry, my mistake, I have messed DDL with DML...

Maybe that why I have not ever encountered the problem in practice.

Seriously, do you often issue DDL during the application run?

IMO, in any multiuser environment, such thing is extremely unlikely because regular users do not have rights to do DDL.

OTOH, if I ever add automated prepared statement cache with SqlExp, "Invalidate" seems like a good idea, right?

Mirek

Mirek

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