

Re: JDBC and SQL server Stored procedure exception

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<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.jdbcdriver/2004-04/0092.html>

From: Carb Simien [MSFT] (*CarbinoS_at_online.microsoft.com*)

Date: 04/27/04

Date: Tue, 27 Apr 2004 17:50:32 GMT

| From: alin@earthling.net (Alin Sinpalean)
| Newsgroups: microsoft.public.sqlserver.jdbcdriver
| Subject: Re: JDBC and SQL server Stored procedure exception
| Date: 23 Apr 2004 05:33:09 -0700
| Organization: <http://groups.google.com>
| Lines: 53
| Message-ID: <a14fec3f.0404230433.502f67a0@posting.google.com>
| References: <F9159980-EA5B-4BC8-8B87-4B42F93DEDBF@microsoft.com>
<4086BE5F.9070801@bea.com>
| NNTP-Posting-Host: 80.86.123.4
| Content-Type: text/plain; charset=ISO-8859-1
| Content-Transfer-Encoding: 8bit
| X-Trace: posting.google.com 1082723590 30682 127.0.0.1 (23 Apr 2004
12:33:10 GMT)
| X-Complaints-To: groups-abuse@google.com
| NNTP-Posting-Date: Fri, 23 Apr 2004 12:33:10 +0000 (UTC)
| Path:
cpmsftngxa10.phx.gbl!TK2MSFTFEED01.phx.gbl!TK2MSFTNGP08.phx.gbl!newsfeed00.s
ul.t-online.de!t-online.de!news.glorb.com!postnews1.google.com!not-for-mail
| Xref: cpmsftngxa10.phx.gbl microsoft.public.sqlserver.jdbcdriver:5989
| X-Tomcat-NG: microsoft.public.sqlserver.jdbcdriver
|
| Joe Weinstein <joeNOSPAM@bea.com> wrote in message
news:<4086BE5F.9070801@bea.com>...
|> Steve Qian wrote:
|>
|>> Hi,
|>>
|>> We use Java (microsoft JDBC) to call a stored procedure in the SQL
server 2000.
|>>
|>> In the stored procedure, we will build a sql statement, and call
sp_executesql.

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|>> Sometime we will have a @@error coming back, and depends on the error, we will keep going or return an error code to the calling SP.

|>>

|>> So basically, we do the error handling without using RAISERROR.

|>>

|>> The interesting thing is the JAVA code called this stored procedure finishes fine, but when we trying to get the out parameter --- Myproc.getString(9), it errors out:

|>>

|>> 2004-04-21 11:51:19,381 FATAL
[ours.server.datalayer.access.DataAccessExecutionObjectAdapter] Unable to execute "PUT" due to execution error.

|>> java.sql.SQLException: [Microsoft][SQLServer 2000 Driver for JDBC][SQLServer]Invalid column name 'ADDRESS_LINE1'.

|>> at com.microsoft.jdbc.base.BaseExceptions.createException(Unknown Source)

|>> at com.microsoft.jdbc.base.BaseExceptions.getException(Unknown Source)

|>> at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processErrorToken(Unknown Source)

|>> at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processReplyToken(Unknown Source)

|>> at com.microsoft.jdbc.sqlserver.tds.TDSRPCRequest.processReplyToken(Unknown Source)

|>> at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processReply(Unknown Source)

|>> at com.microsoft.jdbc.sqlserver.SQLServerImplStatement.getNextResultType(Unknown Source)

|>> at com.microsoft.jdbc.base.BaseStatement.getNextResultType(Unknown Source)

|>> at com.microsoft.jdbc.base.BaseCallableStatement.getAndValidateOutParameter(Unknown Source)

|>> at com.microsoft.jdbc.base.BaseCallableStatement.getString(Unknown Source)

|>> at ours.server.datalayer.access.ExecutionObjectPutImpl.performExecution(ExecutionObjectPutImpl.java:149)

|>>

|>> Is there any property we can set for this connection or statement to ignore these sql errors?

|>

|> Hi. This is odd. There's a bug somewhere here. You should not be getting any such exception

|> from that getString() call. If I can see the JDBC code that handles the returns from the

|> procedure, I can probably know if you're doing it correctly to handle

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all the possible returns

|> from the procedure for the different execute paths. You need to handle all the results and

|> update counts before trying to get output parameter values. Then you should have no problem.

|> Does your procedure always set a value to the output parameter?

|>

|> Joe Weinstein at BEA

|>

|>>

|>> thanks a lot.

|>>

|>> Steve

|>>

|

| The way I see it, the error is generated by SQL Server, not the driver. The reason why the procedure seems to go through fine is that the error is thrown probably at the end of the procedure, after the result sets and update counts have been returned. Try running the stored procedure from Query Analyzer with the same parameters; you should get the same error message.

|

| Alin.

|

True, the error message is being thrown by SQL Server based on the syntax of the error. If running the stored procedure directly in Query Analyzer with the same ODBC call syntax and parameters throws the error, then the problem is not in the JDBC driver itself but rather in SQL Server.

Otherwise, the driver is responsible and we'll investigate the issue further. Please post your JDBC code, stored proc, and relevant table structure.

Carb Simien, MCSE MCDBA MCAD
Microsoft Developer Support – Web Data

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