

## Re: Stored Procedure error is not caught

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*Source:*

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.jdbcdriver/2005-08/msg00016.html>

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- From: "Rizwan" <[hussains@xxxxxxxxxxxxx](mailto:hussains@xxxxxxxxxxxxx)>
  - Date: Thu, 25 Aug 2005 17:59:57 -0400
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"Joe Weinstein" <[joeNOSPAM@xxxxxxx](mailto:joeNOSPAM@xxxxxxx)> wrote in message  
[news:430DF786.3010002@xxxxxxxxxxx](mailto:news:430DF786.3010002@xxxxxxxxxxx)

>

>

> Rizwan wrote:

>

>> I am using MS SQL Server JDBC Driver. I call a stored procedure from my  
>> java code. The Stored Procedure does some inserts. One of the insert  
>> failed but in my java code the SQLException is not thrown. Can anybody  
>> tell me how to fix this bug?

>>

>> Thanks

>

> Hi. The problem is that the SQLException (or really the error message  
> from the DBMS, that will be turned into a SQLException) is still out on  
> the network for the statement, until it is read by the Statement. This  
> isn't happening immediately because your procedure is doing multiple  
> inserts, and some of the first ones succeed, so the first things on  
> the line are successful update counts.  
> You need to add processing after the execute() to get all the  
> returns, and then you will get your exception. Here is an example which  
> contains the ideal code for processing all the inline returns from  
> any stored procedure. With this, you do get your expected exception.

>

> Joe Weinstein at BEA Systems

>

> c = d.connect("jdbc:bea:sqlserver://joe", props);

>

> System.out.println("Driver version is " +

> c.getMetaData().getDriverVersion() );

>

> DatabaseMetaData dd = c.getMetaData();

> System.out.println("Driver version is " +

> dd.getDriverVersion() );

> System.out.println("Database Major version is " +

> dd.getDatabaseMajorVersion() );

> System.out.println("Database Minor version is " +

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```
> dd.getDatabaseMinorVersion() );
>
> Statement s = c.createStatement();
>
> try { s.executeUpdate("drop procedure joeproc"); } catch
> (Exception ignore){ }
> try { s.executeUpdate("drop table joetable"); } catch (Exception
> ignore){ }
>
> s.executeUpdate("create table joetable (bar varchar(30) not
> null)");
>
> s.executeUpdate("create procedure joeproc as "
> + " begin "
> +
```