

microsoft.public.sqlserver.jdbcdriver: RE: how to call a stored procedure that returns cursor??

## RE: how to call a stored procedure that returns cursor??

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| Content-Class: urn:content-classes:message  
| From: "Gerardo" <gerardo@dangerous-minds.com>  
| Sender: "Gerardo" <gerardo@dangerous-minds.com>  
| Subject: how to call a stored procedure that returns cursor??  
| Date: Wed, 16 Jun 2004 14:55:31 -0700  
| Lines: 16  
| Message-ID: <1d6f601c453ec\$a4e736a0\$a101280a@phx.gbl>  
| MIME-Version: 1.0  
| Content-Type: text/plain;  
| charset="iso-8859-1"  
| Content-Transfer-Encoding: 7bit  
| X-Newsreader: Microsoft CDO for Windows 2000  
| X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4910.0300  
| Thread-Index: AcRT7KTnfRizhvYZRNKIM5cfGF506A==  
| Newsgroups: microsoft.public.sqlserver.jdbcdriver  
| Path: cpmsftngxa10.phx.gbl  
| Xref: cpmsftngxa10.phx.gbl microsoft.public.sqlserver.jdbcdriver:6114  
| NNTP-Posting-Host: tk2msftngxa09.phx.gbl 10.40.1.161  
| X-Tomcat-NG: microsoft.public.sqlserver.jdbcdriver

| Hello all,

| i have a stored procedure that returns a cursor.

| i'm currently facing a problem trying to guess the right  
| syntax for calling such procedure, since SQL Server  
| syntax says the return variable should be passed as  
| argument.

| it's easy to do so from SQL Query Analyzer, just  
| declaring a CURSOR variable before the execute. but how  
| to achieve this through jdbc??

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| i'll deeply appreciate any help  
| regards,  
| Gerardo.  
|

Hi Gerardo,

As far as I know, your cursor variable is only useful in the context of SQL Server. I don't think you can return the cursor variable to a datatype in JDBC directly. What you can do is write some code (a stored procedure, for example) that extracts the data from the cursor object into a resultset that can then be accessed by JDBC. Below is a test procedure that returns a cursor variable, and also a separate stored procedure that extracts data from the cursor variable:

```
CREATE PROCEDURE proc_test
    @proc_test_cursor CURSOR VARYING OUTPUT
AS
SET @proc_test_cursor = CURSOR FOR
    SELECT au_lname FROM pubs.dbo.authors
OPEN @proc_test_cursor
GO

CREATE PROC run_proc_test
AS
BEGIN
    DECLARE @test_cursor_variable CURSOR
    DECLARE @name varchar(40)
    EXEC proc_test @proc_test_cursor = @test_cursor_variable OUTPUT

    DECLARE @message varchar(4000)
    SELECT @message = ''
    WHILE (@@FETCH_STATUS <> -1)
    BEGIN
        FETCH NEXT FROM @test_cursor_variable INTO @name
        IF (@@fetch_status <> -2)
        BEGIN
            SELECT @message = @message + 'au_lname: ' + @name + ', '
        END
        FETCH NEXT FROM @test_cursor_variable INTO @name
    END
    SELECT @message

    CLOSE @test_cursor_variable
    DEALLOCATE @test_cursor_variable
END
GO
```

Once you call run\_proc\_test from JDBC, you can use getString to read the data.

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Hope that helps!

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