

## Re: Microsoft .Net Provider does not return all Rows

**Source:**

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2004-02/0849.html>

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Date: Tue, 10 Feb 2004 17:05:32 -0500

DelC:

I've used this provider extensively and haven't noticed this problem. Just to test a few things...use the same query but use a DataAdapter to fill a datatable and verify DataTable.Rows.Count. I expect the number will match SQL+ if the query is the same. Next, take out all the code in your While dr.Read loop and just debug.writeline (i) and then i++. I expect it will be the same here too. I'm not sure what Limit is, but since you don't know what the rowcount of a reader is without walking through it (or sending a Count(\*) query with the exact same where clause prior to executing your reader and assuming the row count hasn't changed in the interim)..it's quite likely that you are knocking yourself out of the loop with the Exit While like Miha pointed out.

I can't say for sure that the Oracle provider is bug free, but I've used it a ton and never seen this, and if it were a bug this serious, I think there'd be a lot more talk of it.

HTH,

Bill

"DelC" <anonymous@discussions.microsoft.com> wrote in message news:2D918E18-787D-4962-8F6A-13547C499E39@microsoft.com...

> *We are experiencing a problem in using the Microsoft .Net Data Provider For*

> *Oracle. For certain more complex SQL queries it does not return the correct*

> *number of rows. The behaviour can take two forms*

> *1 the DataReader returns no rows back to the calling program, on the*

> *database one fetch has been done and a fraction of the expected rows has been processed.*

> *2 The reader returns rows but the amount of rows is less than total returned*

> *if the SQL is run directly, on the database a number of fetches have been*

> *done.*

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>  
> *In both cases the SQL is valid and can be executed from SQL+, so I am happy*  
> *that there is not a problem with the data itself or the database.*  
>  
> *We tried this provider as we wanted to stay with the Oracle 8.1.7 client.*  
We  
> *are currently deploying on .Net 1.0 Framework using MDAC 2.7.*  
>  
> *Has anyone else had any problems with this data provider ?*  
>  
> *Example SQL that does work*  
>  
> *SELECT B.F01\_143,A.F00\_025,A.F00\_026 FROM SEG\_01 B, SEG\_00 A WHERE*  
*A.F00\_002*  
> *= B.F01\_145*  
>  
> *Example SQL that doesn't work*  
>  
> *SELECT B.F01\_143,A.F00\_025,A.F00\_026 FROM SEG\_01 B, SEG\_00 A WHERE*  
*A.F00\_002*  
> *= B.F01\_145 AND ( ( 1 = ( SELECT COUNT( F00\_030 ) FROM SEG\_01 B1, SEG\_00*  
*A1*  
> *WHERE A1.F00\_002 = B1.F01\_145 AND B1.F01\_003 = B.F01\_003 GROUP BY*  
> *B1.F01\_003) ) )*  
>  
> *Example Code showing basic connection objects*  
>  
> *Imports SDO = system.Data.OracleClient*  
>  
> *mConnection = New SDO.OracleConnection(mConnectionString)*  
> *mySQL = TextBox1.Text*  
>  
> *mConnection.Open()*  
>  
> *mCommand = New SDO.OracleCommand(mySQL, mConnection)*  
> *mCommand.CommandType = CommandType.Text*  
>  
> *Dim startTime As Date = Now*  
> *aRdr = mCommand.ExecuteReader()*  
> *While aRdr.Read*  
> *PrintLine(theFile, aRdr.Item(0).ToString)*  
> *linecount += 1*  
> *If linecount > limit Then*  
> *Exit While*  
> *End If*  
> *End While*  
> *aRdr.Close()*  
> *Dim stopTime As Date = Now*  
> *Label2.Text = Now.ToLocalTime + " It took " +*  
> *CStr(DifferenceInSeconds) + " seconds and returned " + CStr(linecount) +*

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```
> "rows"  
>  
> mConnection.Close()  
>
```