

Using Parameters in MS Reporting Services (SQL Server 2008) against an ODBC data source

Asked 16 years, 4 months ago Modified 3 years, 8 months ago

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I writing a report in Visual Studio that takes a user input parameter and runs against an ODBC datasource. I would like to write the query manually and have reporting services replace part of the where clause with the parameter value before sending it to the database. What seems to be happening is that the `@parmName` I am assuming will be replaced is actually being sent as part of the SQL statement. Am I missing a configuration setting somewhere or is this simply not possible?

I am not using the filter option in the tool because this appears to bring back the full dataset from the database and do the filtering on the SQL Server.

`sql-server`

`visual-studio`

`sql-server-2008`

`reporting-services`

`odbc`

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edited Nov 25, 2014 at 16:52



Matt

15.1k ● 27 ● 107 ● 157

asked Aug 12, 2008 at 21:47



N8g

636 ● 2 ● 8 ● 19

4 Answers

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6



It sounds like you'll need to treat the SQL Statement as an expression. For example:

```
= "Select col1, col2 from table 1 Where col3 = " & Para
```

If the where clause is a string you would need to do the following:

```
= "Select col1, col2 from table 1 Where col3 = '" & Par  
"'"
```

Important: Do not use line breaks in your SQL expression. If you do you will get an error.

Holla back if you need any more assistance.

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answered Aug 12, 2008 at 23:43



Jorriiss

1,083 ● 11 ● 10



Doesn't ODBC use the old "?" syntax for parameters? Try this:

1



```
select col1, col2 from table1 where col3 = ?
```



The order of your parameters becomes important then, but it's less vulnerable to SQL injection than simply appending the parameter value.

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edited Aug 28, 2008 at 9:48

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answered Aug 21, 2008 at 10:44



Matt Hamilton

204k ● 61 ● 392 ● 321



Encountered same problem trying to query an access database via ODBC.

1



My original query: `SELECT A.1 FROM A WHERE A.1 = @parameter` resulted in error. Altered to: `SELECT A.1 FROM A WHERE A.1 = ?`.



You then have to map the query parameter with your report parameter.

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answered May 11, 2012 at 12:49

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H.G.

11 ● 1



0



I am a bit confused about this question, if you are looking for simple parameter usage then the notation is

: *paramName* , however if you want to structurally change the WHERE clause (as you might in sql+ using ?) then you should really be using custom code within the report to define a function that returns the required sql for the query.

Unfortunately, when using custom code, parameters cannot be referenced directly in the generated query but have to have there values concatenated into the resultant String, thus introducing the potential for SQL injection.

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edited Dec 22, 2015 at 7:15

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soumya

3,811 ● 9 ● 37 ● 70

answered Aug 26, 2008 at 16:46



stjohroe

3,206 ● 1 ● 28 ● 27