

Re: Building SQL statement in VBA. Getting 3131 Runtime Error in FROM clause :@

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2007-02/msg01374.html>

- *From:* "Michel Walsh" <vanderghast@VirusAreFunnierThanSpam>
 - *Date:* Fri, 23 Feb 2007 09:43:40 -0500
-

It seems you are still within the limits (Access 2003, in help: Access Specifications) of the tables (20, a max of 32 is allowed):

Attribute Maximum

Number of enforced relationships 32 per table minus the number of indexes that are on the table for fields or combinations of fields that are not involved in relationships

Number of tables in a query 32

Number of fields in a recordset 255

Recordset size 1 gigabyte

Sort limit 255 characters in one or more fields

Number of levels of nested queries 50

Number of characters in a cell in the query design grid 1,024

Number of characters for a parameter in a parameter query 255

Number of ANDs in a WHERE or HAVING clause 99

Number of characters in an SQL statement approximately 64,000

Since the SQL parser mentions an error in the FROM clause, check if it is ok, mainly, if there are the proper spaces around the table names and the other keywords. It may also be a problem of matching parenthesis, or, as it is sometimes with Jet, with missing () around some 'complex' joins.

<russellhq@xxxxxxxxxx> wrote in message

news:1172239763.079204.59560@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

I'm trying to make an SQL statement on the fly using form variables to use in a query for a report. I've copied the SQL statement from the query and assigned it to a string in VBA using what I think is the correct format but I keep getting the error in the subject. I've gone through the code many times and can't see the issue.

Re: Building SQL statement in VBA. Getting 3131 Runtime Error in FROM clause :@

The only problem I can see is the SQL string is very long. It has to account for 20 tables and 115 fields.

The code below is what I've used except for the SQL string, as its quite long.

```
Private Sub cmdCert_Click()

Dim db As Database
Dim qdf As QueryDef
Dim strSQL As String
Dim rptCert As String

Set db = CurrentDb()
Set qdf = db.QueryDefs("qryTest")

strSQL = "SELECT tblWPS.QualifyingRange, ..... ORDER BY
tblWelderQualification.[Test Number];"

"WHERE tblWelderQualification.[Test Number]=" & Chr(34) & [Test
Number] & Chr(34) & _

qdf.SQL = strSQL

DoCmd.Close acReport, "rptTest" 'Closes report if allready open

DoCmd.OpenReport "rptTest", acViewPreview 'Opens report

End Sub
```