

Re: Bizarre subquery syntax problem

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2008-05/msg01311.html>

- *From:* "Sylvain Lafontaine" <sylvain aei ca (fill the blanks, no spam please)>
 - *Date:* Fri, 16 May 2008 21:52:40 -0400
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With Access, the official syntax for a subquery always requires an alias, so you must write:

```
SELECT Q.*
FROM (
SELECT p.[User id] AS UID, p.Firstname AS Firstname, p.Lastname AS Lastname,
p.Email AS Email, p.[Profiled member] AS Prof , Left(p.[Date updated],10) AS
Updated, Left(a.[Date last access],10) AS Accessed, (SELECT COUNT(*) FROM
[Users Profile (Detail)] AS q WHERE p.[Lastname] = q.[Lastname] AND
p.[Firstname] = q.[Firstname]) AS Num
FROM [Users Profile (Detail)] AS p LEFT JOIN [Users Address (detail)] AS a
ON p.[User id]=a.[User id]
) as Q;
```

Also, Access uses [...]. and not the parenthesis () as the delimiter for a subquery (notice the point . after the right bracket]). However, if you uses parenthesis, Access will understand it. Sometime, it will rewrite (replace) them with []. and sometime, it will not.

Finally, as you have noticed, Access is very weak at understanding queries with multiple Left and Right Outer Join and with Subqueries; especially but not necessarily if you mix both. There is no point of coming here to say that Access doesn't understanding one of your queries, rewrites it (correctly or – worse – incorrectly) or even simply choose to core-dump when you try to execute it.

In some cases, explicetely dividing a big query into multiples queries in the Queries collection might help but the only thing to do might be often to use temporary tables or to use simpler queries in association with DLookup() and DCount() on the form or the report to complete the result.

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"colin_e" <coline@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

Re: Bizarre subquery syntax problem

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Guys, just back to Access after some time away (and I wasn't much good the first time...)

I am seeing bizarre problems with a subquery.

1) I am joining two tables of user account data on a "User id" field. The core query runs fine—

```
SELECT p.[User id] AS UID, p.Firstname AS Firstname, p.Lastname AS  
Lastname,  
p.Email AS Email, p.[Profiled member] AS Prof , Left(p.[Date updated],10)  
AS  
Updated, Left(a.[Date last access],10) AS Accessed, (SELECT C
```