

Re: update query: still having problems

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2006-09/msg00309.html>

- *From:* "Michel Walsh" <vanderghast@VirusAreFunnierThanSpam>
 - *Date:* Thu, 7 Sep 2006 07:32:57 -0400
-

Hi,

You keep the * in the first try so you can get all the fields of the table(s).

Only the records from Department that have a rate value present in sheet1, under its rate column, will be kept;
only the records from Sheet1 that have a rate value present in Department, under its rate column, will be kept.

That is how an INNER JOIN works when there is no duplicated values (in one of the table): it acts like an INTERSECTION, only keeping rows that matches the ON clause. Here, you used Department.rate=Sheet1.rate, so the "criteria" to define the match is just that. If something else is required to "match up *correctly*", either you change the ON clause criteria, either you add an extra WHERE clause (to remove even more rows). We generally write the criteria in the ON clause if it implies two tables, and the WHERE clause if it implies just one table (two fields of the same table, as table1.starting<table1.ending, or a field of a table and a constant, as table2.qty=0), but the main point (for outer join) is that the ON clause is evaluated first while the WHERE clause is evaluated after the join is made.

Hoping it may help,
Vanderghast, Access MVP

"scubadiver" <scubadiver@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:E5B5056A-1ACF-4D7A-B167-30EB8C9E185B@xxxxxxxxxxxxxxxxxxxx

Hello,

thanks for the help. I am a novice SQL user so

I am wanting to update the table (and I appreciate "sheet1" probably isn't the most informative name but I will keep it for the time being!).

In the select statement, do the asterisks remain?

Re: update query: still having problems

```
SELECT Department.*, sheet1.*  
FROM Department INNER JOIN Sheet1 ON Department.rate = sheet1.rate;
```

A word of warning is that not all the employee numbers in "sheet1" are in "department". Should they be? After I have run the above code, the two fields from "sheet1" are attached to "department" in the query but (a) not all of the employee numbers from "sheet1" are in the query and (b) they don't match up correctly.

"Michel Walsh" wrote:

Hi,

Remove the last parenthesis in the code I supplied, should be

```
DoCmd.RunSQL " UPDATE Department  
SET Department.rate = [forms]![employee]![department  
subform].Form.controls![rate]  
WHERE Department.employeeID=[forms]![employee]![department  
subform].Form.controls![employeeID]; "
```

With an SQL statement, you update the table, not the VBA Form, so, the left side of the SET *MUST* be a table and a field:

```
SET tableName.FieldName = ...
```

***** If the right part of the = is a field from another table, then you use an inner join,

but it is probably preferable to start with a SELECT clause:

```
SELECT Department.*, OtherTable.*  
FROM Department INNER JOIN OtherTable ON Department.SomeFieldA =  
OtherTable.SomeFieldB
```

Re: update query: still having problems

where "OtherTable" is "the other table" you mention, but not supplied
ita
name (unless it is sheet1 ?), and "SomeFieldA" and "SomeFieldB" are the
appropriate fields making the "link" between the two tables, the two
fields
defining the "lookup". I don't know what they are, given the information
you
supplied.

Once you get that right (in design view, if you prefer), add the WHERE
clause to limit the records in table Department that are selected.

Once the right records are displayed, with the select, limit the selected
fields to the one to be updated:

```
SELECT Department.Rate  
FROM ... WHERE...
```

and now, change the SELECT query to an update query. In the grid, under
the
field Department.Rate, at the line Update To, add

```
[OtherTableName].[FieldNameSupplyingTheValue]
```

And then you have your query.

*****If the right side of the = is a control in a form, not a value from
another table, then use the appropriate syntax as previously suggested
(without the ending mismatch closing parenthesis)

Hoping it may help,
Vanderghast, Access MVP

"scubadiver" <scubadiver@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in
message
news:200C18BB-FC7C-4512-A141-6FA9EEF10DBC@xxxxxxxxxxxxxxxxxxxx

You are correct that the table to be updated is "department"
but I need
to

Re: update query: still having problems

take the information I need from "sheet1". I thought the 2nd line would
something along the lines of:

```
SET [forms]![employee]![department  
subform].Form.controls![rate] =  
[sheet1].[rate]
```

Your code throws up a syntax error: Invalid SQL statement.

"Michel Walsh" wrote:

Ha, you use CurrentDb? try from the User Interface or with DoCmd.
CurrentDb
does NOT solve FORMS!... syntax for you,
while the UI and DoCmd does.

Also, for table and fields, preferable to use the dot syntax; the bang syntax is generally reserved to VBA objects.

Also, your table, to be update, is Department? so try:

```
DoCmd.RunSQL " UPDATE Department  
SET Department.rate =  
[forms]![employee]![department  
subform].Form.controls![rate]  
WHERE  
Department.employeeID=[forms]![employee]![department  
subform].Form.controls![employeeID]; "
```

(in one line, or with the appropriate line continuation)

Hoping it may help,
Vanderghast, Access MVP

"scubadiver"
<scubadiver@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in message

Re: update query: still having problems

news:8761BF28-3C81-4F66-9B87-7E67C9FE9857@xxxxxxxxxxxxxxxxxxxx

This is what I now have:

```
UPDATE Department AS
Subform
SET sheet1!rate =
[forms]![employee]![department
subform].Form.controls![rate]
WHERE
([sheet1]![employeeID]=[forms]![employee]![department
subform].Form.controls![employeeID]);
```

I am wondering whether the
"SET" line should be the
other way round.

I get parameter boxes for

```
sheet1!rate
sheet1!employeeID
forms!employee!department
```

"Michel Walsh" wrote:

Hi,

Try the full
syntax:

```
FROMS!formName!SubFormControlName.FORM.CONTROLS!con
```

(all cap
word are
keywords).

Note that
you use the
name of the
control of
the subform
control,
NOT
the
name of the
form
embedded
into it (they

Re: update query: still having problems

MAY
differ, and
obviously,
if
so,
it
is important
to use the
right one).

Hoping it
may help,
Vanderghast,
Access
MVP

"scubadiver"
<scubadiver@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in
message
news:17D7060D-4AC4-4178-85DD-1F0B8691B575@xxxxxxxxxx

I
want
to
update
a
field
called
"rate"
in
the
"department"
subform
table
from
a
field
called
"rate"
in
a
temporary
table
called
"sheet1".

I
am

Re: update query: still having problems

getting
parameter
value
boxes.
Here
is
my
SQL.

```
UPDATE
Department
SET
[sheet1]![rate]
=
[forms]![employee]![department
subform].Form![rate]
WHERE
([sheet1]![employeeID]=[forms]![employee]![department
subform].Form![employeeID]);
```