

Re: Using criteria in select query for recoding of variables

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2006-08/msg01161.html>

- *From:* Peter <Peter@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 30 Jul 2006 01:54:01 -0700
-

Thanks again Michel,
your suggestions about how to use the query grid are great. and youve gone to a lot of trouble to dig out useful literature on sql language. i am very thankful.

There is just one remaining thing i need to nag you with. In my reply i asked you about another way to skin this cat so i could learn about maybe if / then statments. so rather than the lookup table option my question tried to find a way without the lookup table. i have reproduced this bit of my question as follows:

Imagine the table just has the field "old" as you have conjectured and with the values you have put in. Say there is no other lookup table. The new field would be the one you suggested, "feildsname". This would be created in an expression. And then the values of the "fieldsname" variable would end up as per your "Tobe" field above. In other words your Tobe field is exactly how i want the calculated field to contain.

pls just give me a lead about the query to write to get "fieldname" to contain different values depending on the different values of the only other variable in the table, "old".

i know from my experience with ms excel, sas and spss that with computing there is always two ways to skin a cat. youve shown me the lookup table option, which i will use as a separate learning curve. And i will now i am asking you to show me please another type of solution that tries to cope with the creation of a new field and its contents being created by if / then statements (?). i am really interested in this style of access programming because i can see that for the work ahead of me i need to get this firmly in my head as a foundation, since it will involve decision making to output different results.

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Michel I hope not being too demanding but you will be doing me a very big favour if I can just get past this issue and learn how to do it and similar applications fundamental to my work with access in the next little while.

Many thanks for your patience. You and your colleagues are doing a fine job.

--

Peter

"Michel Walsh" wrote:

Hi,

The greatest book is probably the query designer, at least, for start.

Bring the two tables in a new query of the query designer, the one having the original values, and the one having the Translations (with fields Old and ToBe).

In the upper part, select the field to be translated, and drag and drop it over the field 'Old'. That creates a join between the two tables. An inner join, in fact. An inner join can be seen as some kind of lookup, or translator, when used to reach another field, here ToBe. So, in the grid, now, drag fields you need, including the field ToBe, from the table of translations.

That's all.

You can take a look at the generated SQL.

Sure, that does fine for simple SQL statements, but for more, you can take a look at Queries for Mere Mortals:

<http://www.amazon.com/gp/product/product-description/0201433362/102-2353860-8771305?redirect=true>

For really advanced stuff, I suggest Joe Celko books

(<http://www.amazon.com/gp/product/1558605762/102-2353860-8771305?v=glance&n=283155> and

<http://www.amazon.com/gp/product/1558604537/102-2353860-8771305?v=glance&n=283155> and more specialized,

<http://www.amazon.com/gp/product/1558609202/102-2353860-8771305?v=glance&n=283155>).

You can also hang in newsgroups like this one and the one about MS SQL Server, as example, if not to see something about how, something to see about WHAT can be done in SQL

As for the convention, I personally adopted the one from Joe Celko: key

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words in all caps (but I often use As instead of AS), table name with plurals, field name with singular: skills, or Skills is a table, skill, or Skill, is a field, and if a table is a junction table, it is often made of the two field it holds: SkillsWorkers is a junction table with (main) fields Skill and Worker, so that one row in SkillsWorkers is about one skill that has one worker, use has many rows as required to specify all the relevant skills of a given worker.

Hoping it may help,
Vanderghast, Access MVP

"Peter" <Peter@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:7CBD3D25-212B-48E3-898B-4EF6D15F34D7@xxxxxxxxxxxxxxxxxxxx

--
Peter

"Michel Walsh" wrote:

Hi,

Not sure I understand fully the problem. Is it a kind of
"lookup" ? if
so,
have a table that list the translations to be preformed:

Old ToBe ' fields name

- 1 A
- 2 A
- 3 B
- 4 C
- 5 C

and then, either a join, either a DLookup would do:

```
myNewValue = DLookup("ToBe", "tableNameHere",  
"Old=" &  
myOldValue )
```

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Vanderghast, Access MVP

"Peter" <Peter@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in
message
news:CF982982-1433-4D40-A634-97029B4F9EC6@xxxxxxxxxxxxxxxxxxxx

I am a very new user. I want to code the
values of a new variable based
on
the values of an old variable. For example 1
and 2 in old variable
become
A
in new variable; 3 becomes B in the same
new variable; and the value 4
and
5
in the old variable becomes C in the new
variable.
--
Peter

Hey thanks Michel, I really appreciate your time.

You interpreted my question correctly and your suggestion will be very
useful. I will try it as a means of learning about lookup applications.

My purpose also is to learn about using criteria and expressions in the
query grid. So, could you please think about another solution that is
based
on using the criteria line to achieve the same outcome. I think if you
created something for me in sql that I could just cut and paste and adapt
the code for running on my table. It will be my first time using a sql
statement! (I have got the gist of doing the pasting in from other
conversations I have looked at in this discussion group.)

Could you pls make the code as clear as possible and using the
professional
layout conventions so I can see how it should be written right from the
start
of my learning about sql.

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with

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the values you have put in. Say there is no other lookup table. The new field would be the one you suggested, "feildsname". This would be created in an expression. And then the values of the "fieldsname" variable would end up as per your "Tobe" field above. In other words your Tobe field is exactly how i want the calculated field to contain.

And lastly, could you recommend a good clear book for idiots to show me how to write sql code.

Thanks very much. Looking forward to hearing back.