

RE: updated numbers in report

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.dataaccess.pages/2008-12/msg00001.html>

- *From:* inge <inge@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 1 Dec 2008 23:04:10 -0800
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Hi clifford,.

Thanx alot for your suggestions, but i finally found a way. The input is the same as i descibed, cause some officers have experience from other types of vessels and im looking for a special type of vessel. The officers know their experience when the are comming onboard, and the database makes out the rest from there. So there is the reason for having this (5,3 etc) numbers instead of a date.

I did use this datediff function and added some. i used the days and made out the answer in general numbers so it matches the input number format. i used 30 days a month, so over a ten years period it will be approx 40 days wrong. in this case that is ok, cause by that time the officer have most probably changed vessel. hehe

But i have one more question, its about a textbox. I have a form with 11 comboboxes that will be connected to a criteria in 11 queries. These will make out the information in 4 different reports. On this form i was thinking to have this textbox for making an input to the database. (one textbox for one combobox) the input will be the date for this time experience record. is that possible? The textbox will be located alongside with the combobox where the belonging officer selection is. But this combobox only makes the input for the belonging query for the report. i have tried this form.myform.textbox but it will not make the input to the query. in the query, the date is now comming from the database, and i have to use the inputform to change this date on all onboard. The Comboboxes get the list from the datebase. and i used the form.myform.combox to get this into the criteria. Is it because i used the criteria for the combobox, the textbox wouldnt work? I didnt change any other settings in the textbox or the daterecord in the query. so they are very plain.

brgds
inge

"Clifford Bass" wrote:

RE: updated numbers in report

Hi Inge,

I would suggest that you only store the dates when something happens, such as the start of being on board and the end of being on board. I would not go the route of updating the 5,3, 7,3 etc. every so often since they are out-of-date by, anywhere from the next day to the next 30 days. Well, once a particular event has completed, they would become static for that event. But then you still have the problem of how to add them up with other like events so that you can get the total time for those same events combined. Plus, will someone remember to correct them when they are correcting erroneous dates? Better to calculate them on the fly, whether for display on a form (never hand entered) or for display on a report. Since this is a bit of an unusual form of time elapsed, you might want to use a custom VBA function that you can call with the dates whenever you want to compute the value. Maybe something like:

```
Public Function ElapsedTime(ByVal dtStart As Date, ByVal dtEnd As Date) _  
As String
```

```
Dim intMonths As Integer  
Dim intTotalMonths As Integer  
Dim intYears As Integer
```

```
intTotalMonths = DateDiff("m", dtStart, dtEnd)  
intYears = intTotalMonths \ 12 ' Using \ for integer result  
intMonths = intTotalMonths - intYears * 12
```

```
ElapsedTime = intYears & "," & intMonths
```

```
End Function
```

So in your query you might have something like (in design mode):

```
Years on Tanker: ElapsedTime([Date First Time Onboard], Date())
```

This is simplified due to your not giving a lot of detail of your database design. I hope that you are recording each instance of service separately in a child table. You would then need to do some kind of summary query to get a total time on board or total time in a certain rank. In which case you might want to sum up the total months using just the DateDiff() function and then in your report or form calculate the year,month value. So your query might look something like this:

```
select PersonID, Sum(DateDiff("m", [Rank_Start_Date], Nz([Rank_End_Date],  
Date()))) As Months_Onboard  
from Tours_of_Duty  
group by PersonID
```

The Nz(..., Date()) allows for a blank (null) ending date, which means

RE: updated numbers in report

the tour of duty is still in progress; therefore use the current date for the end date. And on your report you might have a calculated field with this for a control source:

```
=[Months_Onboard] \ 12 & "," & [Months_Onboard] – ([Months_Onboard] \ 12) * 12
```

And, if this is used in a lot of places, it would make sense to put it into a function.

```
Public Function ElapsedTime2(ByVal intMonths As Integer) As String
```

```
Dim intYears As Integer
```

```
intYears = intMonths \ 12
```

```
ElapsedTime2 = intYears & "," & intMonths – intYears * 12
```

```
End Function
```

Which would simplify the control source of the box to:

```
=ElapsedTime2([Months_Onboard])
```

Of course, you may want to be more fine tuned and calculate based on total days instead of total months since the DateDiff() function with the "m" option returns integers; no fractions. So someone who was onboard twice for 1 month and 25 days would get reported as being on board for a total of 2 months. Or maybe you could cause it to "round" by using the DateAdd() function to add 15 days. It all depends on what your goal is.

Hope this helps,

Clifford Bass

"inge" wrote:

I have a database with many posts.
I use a form to make all the inputs.
I have queries to make information on a report linked to the database, using a form with combobox for selecting what info to show. in the database the user will make inputs looking like 5,3 or 7,3. these numbers represents experience time before registration in the database. (months or years)
Also i have two posts in the database showing dates, one representing the date of first time registration and one representing date this time onboard.

how can i update the inputs looking like 5,3 or 7,3 using the input numbers and date? example,.. when a year have ellaps after the first time registration the 5,3 number should show 6,3 and the 7,3 number should show

RE: updated numbers in report

8,3. or after 6 months 5,3 should be 5,8 etc.

post in database (named experience):

years in rank : 5,3 (this number is typed in, and then i hoped it will be updated when time ellaps)

years on tanker : 7,3 (this number is typed in, and then i hoped it will be updated when time ellaps)

Months onboard this tour of duty : 2,1 (this number i hoped to show automatic calculated from access using the date this time onboard)

date first time onboard : an date(11.10.08) user input

date this time onboard : an date(11.11.08) user input

(these two dates is only for making the update, and is not showing in the report.

The dates is now only in the database, but i can move them if you have a better sugestion.)

The number format is a requirement, how its going to show on the report.

(the queries are showing info from database from a name selected from the combobox. Some info is as described and other is plain text or checkbox.

This information shows on the report.)

So its all about having the input "numbers" for years in rank, years on tanker,

and months onboard to be updated by access after the first time registration.

The date for this time onboard need to be updated by user every time the person comes onboard.

If possible i want the calculated figures to be displayed in the report only.

brgds

inge