

# Re: Update a number field incrementally

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*Source:*

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2006-02/msg01545.html>

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- *From:* "BruceM" <[bamoob@xxxxxxxxxxxxxxxxxxxxx](mailto:bamoob@xxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 21 Feb 2006 07:25:43 -0500
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I understand the question to mean blocks of 1000 records are appended at once. If so, I don't think that DMax or some other usual system for assigning incrementing numbers will work. Also, since each department's number is supposed to start over from 0, any incrementing system will need to take that into account. I would have to say that more information is needed, including the source of the records that are being appended, and the maximum number of records for one department in a single day.

"John Nurick" <[j.mapSoN.nurick@xxxxxxxxxxxxxxxxx](mailto:j.mapSoN.nurick@xxxxxxxxxxxxxxxxx)> wrote in message <news:t2flv1pj95fe66420objv9mf708v407d3@xxxxxxxxxx>

Better to store the date, daily sequential number and department code in \*separate fields\* which can be concatenated as needed for display.

On Mon, 20 Feb 2006 20:27:00 GMT, "OfficeDev18 via AccessMonster.com" <[u14095@uwe](mailto:u14095@uwe)> wrote:

Let's see... There are about 250 working days per year, and at 1,000 per clip that means 250,000 records, more or less. That's already 6 places. A 2-digit department number makes it 8 places, and a date field besides! Whew! Can I make an alternate suggestion?

How about making your ID numbers "smart?" That is, it would include the date, department number, and sequence – including total amount used per day? The best part of it is that you never run out of numbers. What I am suggesting is this: Make your ID Number 12 digits, as follows: yymmddssssDD, where "yy" = 2-digit year, "mm" is 2-digit month, "dd" (as opposed to "DD") is 2-digit year, "ssss" is 4-digit daily sequence – meaning 0001 through 9,999 – and "DD"

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is  
the 2-digit department ID number. This obviates the need for a separate  
date  
field, tells you how many were used per day, and records the department  
number. Each day, "ssss" starts with 0001.

Of course, you would run this in VBA, so you can continuously calculate  
the  
"ssss" component of the field, and format the whole thing correctly.

Makes sense?

Sam

AllyOop wrote:

I have an orders table containing 4 fields:  
Order number (text), order date, ship date, and Reference  
(number).  
Orders are appended to the table daily, probably 1000 orders  
at a time.  
The reference field is blank or 0 when the orders come in.  
I would like to assign the reference number incrementally by  
100,  
actually  
sequentially with the two digit department number at the tail  
end....  
(ie. 1026, 1126,1226 or 1051,1151,1251)

I have set up another table for the reference numbers and a  
second field  
for  
the date that the number is used, so that I can track how  
many are used,  
left, and that a number is not assigned twice.

I need the query to be able to run automatically regardless of  
how many  
order there are each day. I am just having trouble setting up  
the update  
query. I am not sure if I can do it all at once, or if I need a  
loop,  
(ie.  
look for the first empty record, assign the lowest reference  
number, fill  
in  
the date, start over)

Thanks!

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John Nurick [Microsoft Access MVP]

Please respond in the newgroup and not by email.