

Re: Need Help with Criteria Expression

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2008-03/msg00004.html>

- *From:* "Conan Kelly" <CTBarbarinNOSPAM@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 29 Feb 2008 23:17:35 GMT
-

"Chu Gai" <mushupork1@xxxxxxxxxx> wrote in message
news:6e9ae220-ccda-41c5-9cd2-f78db204d0c2@xx
On Feb 29, 6:10 pm, Chu Gai <mushupo...@xxxxxxxxxx> wrote:

On Feb 29, 6:00 pm, "Conan Kelly"

<CTBarbarinNOS...@xxxxxxxxxxxxxxxxxxxxxx> wrote:

"Chu Gai" <mushupo...@xxxxxxxxxx> wrote in message

news:29ccdea5-e87c-4b69-b530-d3da79444e7f@xx
On Feb 29, 4:05 pm, Chu Gai <mushupo...@xxxxxxxxxx> wrote:

On Feb 29, 3:55 pm, "Conan Kelly"

<CTBarbarinNOS...@xxxxxxxxxxxxxxxxxxxxxx> wrote:

"Chu Gai" <mushupo...@xxxxxxxxxx> wrote
in message

news:1fcbc382-5dd4-477e-b783-1d29f65c6adc@xx
On Feb 29, 2:47 pm, "Conan Kelly"

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<CTBarbarinNOS...@xxxxxxxxxxxxxxxxxxxxxx>
wrote:

"Chu Gai"
<mushupo...@xxxxxxxxxx>
wrote in message

news:220ff0c8-82fd-40df-bc73-e2209cce4a83@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
On Feb 29, 1:11 pm,
"Conan Kelly"

<CTBarbarinNOS...@xxxxxxxxxxxxxxxxxxxxxx>
wrote:

Chu Gai,

I would
definitely
parse this
field out
into 3
separate
fields.
Create a
query that
will do this
and save
this query.
Then you
can create
another
query based
off of this
query that
will be
easier to
work with.
Something
like this
might help:

```
SELECT  
Left([TableName].[FieldName],2)
```

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```
as  
PersonsInitials,  
DateValue(Mid(Left([TableName].[FieldName],3),InStr([TableName]  
as SentDate,  
Right([TableName].[FieldName],Len([TableName].[FieldName])-In  
as  
NumberSent  
FROM  
[TableName]
```

Be sure to
chang
"TableName"
and
"FieldName"
appropriately.
You
can
add
any
other fields
that you
need to the
query as
well.

I have not
tested this.
I've typed it
in to my
response
from
memory,
so
there is a
chance for
typos or
incorrect
use of
functions.
Let
me
know
how
it works
out, and I
can tweak it

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for you if it
gives you
trouble.

HTH,

Conan

"Chu Gai"
<mushupo...@xxxxxxxxxx>
wrote in
message

news:5c724097-a3df-42f1-9944-e6060c9b3ccf@xxxxxxxxxxxxxxxxxxxx

One
of
the
fields
in
a
query
has
an
alphanumeric
term
that
looks
like
this...

sb1/02/08#5

The
first
two
characters

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represent
the
initials
of
the
person
who
sent
the
email.
Different
people
have
different
initials
but
it's
always
two
characters.
The
part
in
the
middle
that
looks
like
a
date
is
the
date
the
email
was
sent.
The
#5,
which
could
be
#anynumber
represents
whether
it
was
the
first,
second,
tenth,

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whatever
email
that
was
sent.

What
I'd
like
to
be
able
to
do
is
to
be
able
to
pull
the
records
for
the
past
two
weeks
starting
from
the
current
day.
Kind
of
like
Date()-15.
However,
I'm
striking
out
with
figuring
out
how
I
can
use
both
wildcards

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along
with
a
calculated
date
range.

I
know
this
is
ugly
and
maybe
the
data
ought
to
be
parsed
into
three
fields
that
could
be
concatenated
after
the
fact,
but
this
is
the
way
it's
going
to
be
for
now.
Any
idea
how
to
write
the
criteria
expression?–

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Hide
quoted
text
–

– Show
quoted text
–

Well, I'll
tell you
what I did
(BTW, I'm
most
definitely
pretty
inexperienced
in Access
and just
helping out
the little
lady
here).
I
wrote an
expressions
that looks
like this...

```
Expr5:  
Format(Mid([CCC  
Control  
no],3,InStr(1,[CCC  
Control  
No],"#")-3),"mm/dd/yyyy")
```

Now, this
works fine
with respect
to pulling
the date out
of the
field.
However,
this then
becomes

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my
problem. I
can't filter
the
result to get
data for the
past two
weeks like
by
>Date()-14.
What I
get is a
INVALID
PROCEDURE
CALL, the
query
comes up
with
#Names?.
Got
an idea
here?

Chu Gai,

If I remember correctly, the
Format() function returns a
string,
so
you
are
trying to filter text using a
date. Try this:

Expr5:
DateValue(Mid([CCC
Control no],3,InStr(1,[CCC
Control
No],"#")-3))

That should convert it to an
actual date, then your
filtering

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method
might
work.

Let me know how it works
out.

HTH,

Conan– Hide quoted text –

– Show quoted text –
Well Conan, turns out the
thing I wrote worked (your
initial
thoughts
reminded this dunderhead
about the Instr function
which led me to
what
I posted above) AFTER I
corrected a few typos that I
found. I
quite
agree with you about
parsing the data into three
fields, but at
this
time, that just ain't gonna
happen.

You've been enormously
helpful Conan. Perhaps I
can impose on you
once
more. In a table, this
particular field is called
[CCC Control
No]. No
brackets of course. Can you
help me, based on my first

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post, with
setting a validation rule
that's commensurate with
the way data
would
be entered?

Chu Gai,

Can you help me, based on
my first post, with
setting a validation rule
that's commensurate with
the way data
would
be entered?

YOU MEAN PEOPLE ARE ENTERING
DATA THIS WAY!!! This is not coming
from
some
other system/application?!?!?!? No offense,
but this is a BAD
design
(please forgive me if it is yours). This table
is storing 3
different
fields that should be 3 different data types in
one field.

I strongly urge you to change this, but I
guess I can understand,
especially
if there are alot of queries/reports/forms that
depend on this
field.

I'm not too sure about a validation rule, but
how about an input
mask?
Maybe something like this:

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<LL#0/00/00\#09;0;_

I'm not too sure about the first pound/number sign (#). Help says "Digit or space (entry not required; spaces are displayed as blanks while in Edit mode, but blanks are removed when data is saved; plus and minus signs allowed).", but I can't tell if the space is being removed. It looks like it is still there after the record is saved. NEVER MIND!!! I just tried it. If I actually enter a space, that is the same as entering a digit so it stores the space. If I skip over this character with the arrow key, then the space is removed.

This input mask will allow for 1 digit months, 2 digit days, and 2 digit years (if your dates are in the US format of m/dd/yy). Also you won't have to enter the date slashes or the pound sign, but it will store those characters in the data.

If you want to require 2 digit months, then change it to:

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<LL00/00/00\#09;0;_

Look up Input Mask in the Help for all of the details/codes that can be used.

I'm don't think Validation Rule uses all of the same codes. I don't know if you could come up with a validation rule that will do the same thing.

HTH,

Conan– Hide quoted text –

– Show quoted text –

It's not mine Conan. There's a department that my wife has to deal with and the way that department does things trumps matters and sets the tone. Nothing that can be done about it. That's where it comes from. Like I said, when I saw it, my thoughts echoed yours with regards to three separate fields. This may still be implemented on her end but right now, there's a lot of historical data to deal with.

I'll try your suggestion. Thanks again :)– Hide quoted text –

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– Show quoted text –

OK, I went with your method of representing the date since it sorts correctly while mine...well it doesn't ;)

However, if I then type into the criteria that I want to see dates later than a particular time like this...

#2/1/2008# or >Date()-14 (I'm assuming that means for the past 2 weeks), then what I get is a message that says, "Date Type Mismatch in Criteria Expression". OK, got a fix > > my new found friend? :)

Chu Gai,

Date()-14 (I'm assuming that means for the past 2 weeks)

Yes, that should calculate the last 2 weeks from today's date.

Just out of curiosity, why both >#2/1/2008# and > Date()-14. If returning everything from 2/1/2008 and later, that includes the last 2 weeks. Have you tried each criteria separately, by itself, to see if one will work vs. the other.

I don't know. I tried your criteria on a date field here and it worked fine, but then, I didn't recreate the exact situation you have. If it is possible, could you send me a small sample of the data in this funky 3-in-1 column (if it is not confidential and doesn't break any confidentiality agreements) and the exact expression you used to parse out the date from that

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mess. If you can, I'll mess with it here and see if I can figure out what is going on.

I'm guessing that AC still may not be returning a Date data type and it can't implicitly cast to a date. Or maybe one of the records has data in it that is not a valid date so it can't make a date out of it.

You might try using the IsDate() function to test this new date field to see if every record is returning a valid date.

HTH,

Conan– Hide quoted text –

– Show quoted text –

As to why both, I was playing with various ideas. I'll have to check with the little lady to find out just how confidential it is. Again Conan, I thank you for your patience.– Hide quoted text –

– Show quoted text –

Using the IsDate on the calculated field returned a value of –1.

It returned a –1 for all records? If so, I don't know what else it could be without working with the data hands on. Sorry.

.