

Re: Make Table Query – Sorting Errors

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2006-02/msg01678.html>

- *From:* "KARL DEWEY" <KARLDEWEY@XXXXXXXXXXXXXXXXXXXXXXXXXXXX>
 - *Date:* Wed, 22 Feb 2006 13:41:28 -0800
-

Fred,
Phil, Tom, and John gave you the answer ----- Tables are not sorted.

You sort in a query, form or report. You can open a table and click on the A-Z or Z-A icon for a sort.

You can do a compound sort in a query. In the design view of the query place the fields you want to sort by in left to right order. Select the sort order for each field.

You can also be more selective in sorting by creating a field using parts of a field data like ----

Expr1: Left([XX],3) & Right([YY],1) & Left(Right([ZZ],5),2)

"Tom Ellison" wrote:

Dear Fred:

I believe Duane just gave you what you need. It is to have your process perform the necessary sorting.

Tom Ellison

"Fred" <Fred@XXXXXXXXXXXXXXXXXXXXXXXXXXXX> wrote in message <news:86BB9279-9DA2-4342-8AE1-C14C53B9779E@XXXXXXXXXXXXXXXXXXXX>

Don't really understand your comment.

The make table query creates a table named "tblRecallQuery". Each time this query is run, the old table "tblRecallQuery" is deleted first. So there are never any records with the table delete.

The module that I wrote, and now posted for you to see, just goes through that table one row at a time and compares the value of COMPNO to the value

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in
the previous row.

You said that having a table appear to be in a certain order is not the same as the table being stored in that order.

So is it possible to store the table in a certain order? That is essential to the proper operation of the module code.

Or, can I have the module read the table and then rewrite it in a sorted order?

Thanks for your help...

"Tom Ellison" wrote:

Dear Fred:

Even if they are sorted, a table with deleted entries in it would replace those first, then add new records at the end. Sorting, whether it occurs or not, will not fix this. But, it's unimportant.

Tom Ellison

"Fred" <Fred@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:2F3278C3-4C79-4BCD-9CC5-8561BE90D75D@xxxxxxxxxxxxxxxxxxxxx

If I change the query to a "select query" rather than a "make table query", the records seem to display in the correct sorted order.

Is it correct then to say the the "order by" command in the query is only applicable to a select query, and if you use it for a "make table" query,

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the
results may or may not be sorted correctly?

"Fred" wrote:

In the table, there may be more than one record with the same value of "CAMPNO". If so, I concatenate one of the fields of the record so that the resulting table only has one record for each value of "CAMPNO". To do this, the module reads the table one row at a time and compares the value of "CAMPNO" to the previous value of "CAMPNO". Using this technique requires that the table first be in "CAMPNO" order.

Is there a command that I can use in the module code to first sort the table by "CAMPNO"?

Thanks...

"Tom Ellison" wrote:

Dear Fred:

It does often appear that the rows are placed in a table in an order,

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when
done as you
have done
this.

It is not
going to be
reliable. It
is not meant
to be
reliable.

If you ever
delete a row
from your
table, it's
going to
re-use that
position
in the
"internal"
ordering of
the table.
This is a
specific
explanation
of
what others
have stated.

If it is
somehow
desirable to
have the
rows in a
specific
order, you
can do
this. Indeed,
this is an
excellent
way to
improve
performance
in
many
cases.

You cannot
use Jet to do
this. Well,

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you can, but
you must
compact
and
repair every
time the
table
changes to
make this
work. It's
probably
not
practical.

Instead, use
MSDE or
Express or
SQL Server
(different
versions of
the
same
thing) and
create a
clustered
index. No
need to add
new records
already
sorted, it
will sort
them as
they arrive.

This is a
trick, and
somewhat
"violates"
the rule that
rows in a
table
are
in a "bag."
In many
instances, it
is
important.

You do not
say why
this is

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important to
you.
Perhaps you
could fill
us
in a
bit more.

Since you
can always
index the
rows into
any needed
order, or
sort
them
when
you query
them, why
is this of
any concern
to you?
Knowing
why may
help us
understand
your
reasoning.

Tom Ellison

"Fred"
<Fred@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in
message
news:426E9379-05DF-40E8-A0E8-CA1571BB0BFC@xxxxxxxxxx

Duane,
One
of
us
doesn't
understand...not
sure
if
its
me
or
you!

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Let
me
explain
again...forget
about
all
my
talk
about
a
module.

I
have
a
make
table
query
that
is
supposed
to
sort
in
ascending
order
on
a
text
field
named
CAMPNO.

When
I
run
the
query
multiple
times
with
the
same
selection
criteria,
the
number
of
records
returned
is

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constant,
but
they
are
not
always
sorted
correctly
on
the
field
CAMPNO.

I
have
the
Sort
box
checked
in
the
design
view,
and
the
SQL
view
shows
the
ORDER
BY
command
is
in
there.

So
why
doesn't
the
sort
feature
properly
work?

"Duane
Hookom"
wrote:

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I
was
referring
to
your
statement
"This
causes
a
major
problem,
because

I
then
run
a
module
on
that
table
that
requires
that
the
table
be
sorted
properly
to
begin
with".

I
would
not
do
this.

I
would
run
a
module
on
a
query
that
sorts
a
table
into
a
required

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sort
order.

Duane
Hookom
MS
Access
MVP

"Fred"
<Fred@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:C2E49AD3-D7E1-492E-88BD-B031D4FF67

Duane,

I
do
have
an
"ORDER
BY"
clause
in
the
query...here's
the
SQL
of
the
Query:

```
SELECT  
Recalls.CAMPNO,  
Recalls.RECORD_ID,  
Recalls.YEARTXT,  
Recalls.MFGTXT,  
Recalls.MFGNAME,  
Recalls.MAKETXT,  
Recalls.MODELTXT,  
Recalls.MFGCAMPNO,  
Recalls.COMPNAME,  
Recalls.BGMAN,  
Recalls.ENDMAN,  
Recalls.RCLTYPECD,  
Recalls.POTAFF,
```

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```
Recalls.ODATE,  
Recalls.INFLUENCED_BY,  
Recalls.RCDATE,  
Recalls.DATEA,  
Recalls.RPNO,  
Recalls.FMVSS,  
Recalls.DESC_DEFECT,  
Recalls.CONEQUENCE_DEFECT,  
Recalls.CORRECTIVE_ACTION,  
[Database  
Version].Database_Date  
INTO  
tblRecallQuery  
FROM  
Recalls,  
[Database  
Version]  
WHERE  
(((Recalls.MFGTXT)  
Like  
"*general  
motor*"  
Or  
(Recalls.MFGTXT)  
Like  
"*toyota*"  
Or  
(Recalls.MFGTXT)  
Like  
"*chrysl*"  
Or  
(Recalls.MFGTXT)  
Like  
"*ford*"  
Or  
(Recalls.MFGTXT)  
Like  
"*nissan*"  
Or  
(Recalls.MFGTXT)  
Like  
"*honda*")  
AND  
((Recalls.RCDATE)>"20040930"))  
ORDER  
BY  
Recalls.CAMPNO;  
  
"Duane  
Hookom"  
wrote:
```


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sorting
on
one
of
the
fields
in
the
query,
CAMPNO.
I
ran
it
once,
and
manually
looked
at
the
table
it
created.
It
was
sorted
properly
on
CAMPNO
until
I
got
to
row
260.
In
row
259,
CAMPNO
=
05V104000,
and
in
row
260,
CAMPNO=05V055000.

I
then
reran
the
query

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without
any
changes.
In
the
resulting
table,
in
row
409,
CAMPNO=05V554000
and
in
row
410,
CAMPNO=05V270000.

This
causes
a
major
problem,
because
I
then
run
a
module
on
that
table
that
requires
that
the
table
be
sorted
properly
to
begin
with.

Is
this
a
known
problem?
I
have
Access

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2000
(9.0.3821
SR-1).

If
so,
is
it
corrected
in
a
patch
to
this
version
of
Access,
or
in
a
later
version
of
Access?

Can
you
tell
me
the
command
to
put
in
the
module
to
sort
this
table?

I
can
try
that
and
see
if
the
command
will
consistently
sort

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the
table,
since
the
query
is
not.

Thanks
for
any
help...