

Re: Make Table Query – Sorting Errors

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2006-02/msg01671.html>

- *From:* "Fred" <Fred@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 22 Feb 2006 12:28:52 -0800
-

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 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@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

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news:2F3278C3-4C79-4BCD-9CC5-8561BE90D75D@xxxxxxxxxxxxxxxxxxxx

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, 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, when done as you have done this.

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

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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, 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 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

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"Fred"

<Fred@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:426E9379-05DF-40E8-A0E8-CA1571BB0BFC@xxxxxxxxxxxxxxxxxxxx

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

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 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:

I was
referring to
your

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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
sort order.

--
Duane
Hookom
MS Access
MVP
--

"Fred"
<Fred@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in
message
news:C2E49AD3-D7E1-492E-88BD-B031D4FF67F8@xxxxxxxxxx

Duane,

I
do
have
an
"ORDER
BY"
clause
in
the

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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,
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*"
```

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```
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:

I
would
never
trust
table
records
to
be
in
any
order
unless
I
specify
an
ORDER
BY
clause
in
a
query.

--
Duane
Hookom
MS
Access
MVP

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--

"Fred"

<Fred@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote

in

message

news:2D2FCBC7-2B44-496D-BDA7-3F079444A0

I
have
a
make-table
query
that
is
not
sorting
consistently.

I
am
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

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got
to
row
260.
In
row
259,
CAMPNO
=
05V104000,
and
in
row
260,
CAMPNO=05V055000.

I
then
reran
the
query
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

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table
that
requires
that
the
table
be
sorted
properly
to
begin
with.

Is
this
a
known
problem?
I
have
Access
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

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to
put
in
the
module
to
sort
this
table?
I
can
try
that
and
see
if
the
command
will
consistently
sort
the
table,
since
the
query
is
not.

Thanks
for
any
help...

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