

Re: Opening table – query running?

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.tablesdbdesign/2007-05/msg00396.html>

- *From:* "Pat Hartman \ (MVP)" <please no_email@xxxxxxx>
 - *Date:* Thu, 24 May 2007 13:31:53 -0400
-

No problem. That's actually the way relational databases, not just Access, are designed to work. Recordsets are by definition unordered sets of data unless you impose order by using a query with an order by clause.

"patti" <patti@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:54047A63-79A5-4912-8C1B-E3BC4911642B@xxxxxxxxxxxxxxxxxxxx>

Pat–
Thanks for your time. Excuse my ignorance, I understand that access does not have any order per se, i thought perhaps the underlying the operating system or or some other computer workings decided how to return data. So system just grabs the first piece of data that matches the criteria, then the 2nd, etc.
"Jet retrieves rows as convenient". Thanks again.
"Pat Hartman (MVP)" wrote:

I just told you. It is undefined. Jet retrieves rows as convenient. Normally, the rows will be returned in primary key sequence because Jet physically reorders every table when the database is compacted.. But if the table has been updated since the compact, the key sequence is not guaranteed.

"patti" <patti@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:D7F65A3F-71B8-4789-87DA-1D7C2BD418E9@xxxxxxxxxxxxxxxxxxxx>

Hi Pat–

Thanks for the help. I have never used orderby prop on tables – always on queries & reports.

Out of curiosity, how does access decide the order of a table

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for
datasheetview?

thanks,
patti

"Pat Hartman (MVP)" wrote:

Just because you don't see a query running message doesn't mean there isn't one. See my earlier responses. Especially the one to "Steve".

As I said in my first post, removing the order by should improve response.

Without the order by, the table will be returned by the query in an undetermined order. The order will be approximately key sequence since

Access reorders all tables into key sequence when the database is compacted.

This fools people into thinking that their data is always stored in

key sequence which is far from the truth.

NEVER depend on order unless

you specifically include an order by clause in your query.

"patti"

<patti@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:6AD5CA70-0469-4314-AFA5-6C230CAD2662@xxxxxxxxxxxxxxxxxxxx

Hi Tim –

Removing the orderby property from the table sped up the opening of the table.

And there was no "query running" message.

Thanks again for all the help

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& insight.

patti

"Tim Ferguson" wrote:

=?Utf-8?B?cGF0dGk=?=

<patti@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in

news:2411605C-C504-456D-9D3D-9BC38B8BBE3A@xxxxxxxxxx

Is
there
an
index
on
the
field
you
use
for
sorting?
If
not,
put
one
on.

i
inherited
this
db
and
don't
see
the
need
to
sort
the
table
itself;
i'd
rather
remove

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the
table
sort
and
do
that
in
queries.
does
that
make
sense?

Yes it does
make sense,
but it's only
half the
question.

Records in a
table have
to be
presented in
some
order. If
you
don't
state what
you'd like,
the most
likely order
is that in
which they
are
recovered
from disk.
In the
specific
case of
Access (or,
Jet
actually)
those are
nearly
always in
Primary
Key order:
but this is
not
universally

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true and it
would be a
Bad Idea to
rely on it.

The lesson,
then, is to
use a query
with an
explicit
ORDER
BY
clause
if
you care
which order
the records
come out it
(which is
what you
say
above) and
only use the
default table
ordering if
you don't
care.
And
create the
appropriate
indexes to
support it.
To be
honest,
setting
an
Order By
property on
the table is
another
piece of the
Access
design
team
putting
user-hostile
traps in for
new users
who don't
know their
way

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round
databases,
along with
AutoFill
and
LookUp
Fields etc
etc.

By the way,
did any of
this help
you to track
down the
cause of
your
slow
loading?

B Wishes

Tim F