

## Re: Query doesn't always sort

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*Source:*

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2007-05/msg00184.html>

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- *From:* [sam.alame@xxxxxxxxxx](mailto:sam.alame@xxxxxxxxxx)
  - *Date:* 2 May 2007 11:37:55 -0700
- 

Hi John,

My table doesn't have a primary key. The 'unsort' seems to be completely random. Also, my table structures are not very consistent, as I'm dealing with quite a few tables in multiple databases.

How do I impose a sort on the datasheet view? Would that actually order the table? I am asking because after the final tables are produced, I have a tool that splits and exports the data into Excel, and I need the data to be sorted over there as well.

Thanks,  
Sam

On May 2, 9:05 am, "John Spencer" <spen...@xxxxxxxxxx> wrote:

You can try the following if your table structure is always consistent.

- Define an table structure – TheTableBlank – with all your fields and add a sequential autonumber field as the primary key
- Copy the table structure (Docmd.CopyObject Currentdb().Name,"TheTable",acTable,"TheTableBlank")
- APPEND your records to the table you have just created

THAT MAY give you the records in sequence. BUT remember TABLES are unordered. If you want to impose an order you must sort the data either using a query or in Access imposing a sort order on the datasheet view. If you don't impose an order on the datasheet view of a table and there is a primary key in the table, then Access will show the records in primary key order (at least that is the behavior I have observed)

—  
John Spencer  
Access MVP 2002–2005, 2007  
Center for Health Program Development and Management  
University of Maryland Baltimore County



Re: Query doesn't always sort

BUT tables have no inherent order. If you want to impose a reliable order you must sort the data in a query based on the table you have created.

Sorry, but that is the way it is (at least as far as I know).

—  
John Spencer  
Access MVP 2002–2005, 2007  
Center for Health Program Development and Management  
University of Maryland Baltimore County

<sam.al...@xxxxxxxx> wrote in message

[news:1178041281.145939.293740@xx](mailto:news:1178041281.145939.293740@xx)

John,

From my experience and that of my colleagues with a similar problem,

this sometimes occurs even after a compact and repair. Also, it seems to be happening with multiple databases on a regular basis, so I don't see this as a corrupt database issue.

Any other ideas?

Thanks,  
Sam

Re: Query doesn't always sort

On Apr 27, 2:22 pm, "John Spencer"  
<spen...@xxxxxxxxxx> wrote:

A couple of things to try.

Try using DISTINCTROW  
in the query. That may take  
care of the  
problem.

It is possible that an index  
has gotten corrupted.  
Try removing all indexes on  
the table, doing a compact  
and repair, and  
then  
restoring the indexes.  
Perhaps you have a  
corrupted index.

```
SELECT DISTINCTROW
P.GEOSORT,
P.TERR_CODE_IND AS
TERR_CODE,
P.GEO_CODE,
P.GEO_DESC,
P.PRODUCT_SHORT_NAME,
P.M23VA, P.M22VA,
P.M21VA, P.M20VA,
P.M19VA, P.M18VA,
P.M17VA, P.M16VA,
P.M15VA, P.M14VA,
P.M13VA,
P.M12VA, P.M11VA,
P.M10VA, P.M9VA,
P.M8VA, P.M7VA,
P.M6VA, P.M5VA,
P.M4VA, P.M3VA,
P.M2VA, P.M1VA,
P.CMTHVA, P.M23VC,
P.M22VC, P.M21VC,
P.M20VC, P.M19VC,
P.M18VC, P.M17VC,
```

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```
P.M16VC, P.M15VC,  
P.M14VC,  
P.M13VC, P.M12VC,  
P.M11VC, P.M10VC,  
P.M9VC, P.M8VC,  
P.M7VC, P.M6VC,  
P.M5VC, P.M4VC,  
P.M3VC, P.M2VC,  
P.M1VC, P.CMTHVC,  
P.M23VSAA,  
P.M22VSAA,  
P.M21VSAA,  
P.M20VSAA,  
P.M19VSAA,  
P.M18VSAA,  
P.M17VSAA,  
P.M16VSAA,  
P.M15VSAA,  
P.M14VSAA,  
P.M13VSAA,  
P.M12VSAA,  
P.M11VSAA,  
P.M10VSAA, P.M9VSAA,  
P.M8VSAA, P.M7VSAA,  
P.M6VSAA, P.M5VSAA,  
P.M4VSAA,  
P.M3VSAA, P.M2VSAA,  
P.M1VSAA,  
P.CMTHVSAA,  
P.M23VSAC, P.M22VSAC,  
P.M21VSAC, P.M20VSAC,  
P.M19VSAC, P.M18VSAC,  
P.M17VSAC, P.M16VSAC,  
P.M15VSAC, P.M14VSAC,  
P.M13VSAC, P.M12VSAC,  
P.M11VSAC, P.M10VSAC,  
P.M9VSAC, P.M8VSAC,  
P.M7VSAC, P.M6VSAC,  
P.M5VSAC, P.M4VSAC,  
P.M3VSAC,  
P.M2VSAC, P.M1VSAC,  
P.CMTHVSAC INTO  
SORTED_P  
FROM P  
ORDER BY P.GEOSORT,  
P.TERR_CODE_IND,  
P.GEO_CODE,  
P.GEO_DESC,  
P.PRODUCT_LOGICAL_ORDER;  
--
```

John Spencer

Re: Query doesn't always sort

Access MVP 2002–2005,  
2007  
Center for Health Program  
Development and  
Management  
University of Maryland  
Baltimore County

<sam.al...@xxxxxxxx>  
wrote in message

[news:1177692240.921476.34240@xx](mailto:news:1177692240.921476.34240@xx)

John,  
thanks for  
your  
response.

It's not  
sorted  
because, in  
the  
datasheet  
view of the  
table, some  
lines are  
clearly out  
of place and  
not sorted. I  
need to  
deliver  
these  
tables  
directly to  
my client,  
but sorted  
in a  
particular  
way. The  
sort  
works most  
of the time,

Re: Query doesn't always sort

but it  
sometimes  
leaves a big  
chunk of the  
table  
unsorted.  
When I see  
it, I usually  
rerun the  
query once  
or  
twice  
and it  
works. The  
problem is  
that I can't  
automate  
the entire  
procedure  
through a  
macro  
because of  
this.

Any advice  
would be  
appreciated.

On Apr 27,  
11:55 am,  
"John  
Spencer"  
<spen...@xxxxxxxxxx>  
wrote:

Why  
do  
you  
say  
it  
doesn't  
always  
sort?  
Do  
you  
see  
the

Re: Query doesn't always sort

behavior  
when  
you  
use  
the  
query  
as  
the  
source  
for  
a  
report?  
If  
so,  
then  
you  
need  
to  
be  
aware  
that  
reports  
more  
or  
less  
ignore  
any  
sorting  
done  
by  
the  
query.  
You  
need  
to  
use  
the  
report's  
Sorting  
and  
Group  
(View:  
Sorting  
and  
Grouping)  
to  
set  
up  
the  
sorting.



Re: Query doesn't always sort

basis  
but  
that  
doesn't  
always  
sort.  
It  
sorts  
most  
of  
the  
time,  
but  
once  
in  
a  
while  
it  
won't,  
which  
makes  
it  
really  
annoying  
and  
impractical.

Does  
anybody  
know  
why  
this  
is  
happening?

Thank  
you.

The  
query  
is:

Re: Query doesn't always sort

```
SELECT
P.GEOSORT,
P.TERR_CODE_IND
AS
TERR_CODE,
P.GEO_CODE,
P.GEO_DESC,
P.PRODUCT_SHORT_NAME,
P.M23VA,
P.M22VA,
P.M21VA,
P.M20VA,
P.M19VA,
P.M18VA,
P.M17VA,
P.M16VA,
P.M15VA,
P.M14VA,
P.M13VA,
P.M12VA,
P.M11VA,
P.M10VA,
P.M9VA,
P.M8VA,
P.M7VA,
P.M6VA,
P.M5VA,
P.M4VA,
P.M3VA,
P.M2VA,
P.M1VA,
P.CMTHVA,
P.M23VC,
P.M22VC,
P.M21VC,
P.M20VC,
P.M19VC,
P.M18VC,
P.M17VC,
P.M16VC,
P.M15VC,
P.M14VC,
P.M13VC,
P.M12VC,
P.M11VC,
P.M10VC,
P.M9VC,
P.M8VC,
P.M7VC,
P.M6VC,
P.M5VC,
```

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Re: Query doesn't always sort

P.M4VC,  
P.M3VC,  
P.M2VC,  
P.M1VC,  
P.CMTHVC,  
P.M23VSAA,  
P.M22VSAA,  
P.M21VSAA,  
P.M20VSAA,  
P.M19VSAA,  
P.M18VSAA,  
P.M17VSAA,  
P.M16VSAA,  
P.M15VSAA,  
P.M14VSAA,  
P.M13VSAA,  
P.M12VSAA,  
P.M11VSAA,  
P.M10VSAA,  
P.M9VSAA,  
P.M8VSAA,  
P.M7VSAA,  
P.M6VSAA,  
P.M5VSAA,  
P.M4VSAA,  
P.M3VSAA,  
P.M2VSAA,  
P.M1VSAA,  
P.CMTHVSAA,  
P.M23VSAC,  
P.M22VSAC,  
P.M21VSAC,  
P.M20VSAC,  
P.M19VSAC,  
P.M18VSAC,  
P.M17VSAC,  
P.M16VSAC,  
P.M15VSAC,  
P.M14VSAC,  
P.M13VSAC,  
P.M12VSAC,  
P.M11VSAC,  
P.M10VSAC,  
P.M9VSAC,  
P.M8VSAC,  
P.M7VSAC,  
P.M6VSAC,  
P.M5VSAC,  
P.M4VSAC,  
P.M3VSAC,  
P.M2VSAC,

Re: Query doesn't always sort

```
P.MIVSAC,  
P.CMTHVSAC  
INTO  
SORTED_P  
FROM  
P  
ORDER  
BY  
P.GEOSORT,  
P.TERR_CODE_IND,  
P.GEO_CODE,  
P.GEO_DESC,  
P.PRODUCT_LOGICAL_ORDER;-
```

Hide  
quoted  
text  
-

-  
Show  
quoted  
text  
--  
Hide  
quoted  
text  
-

- Show quoted text -- Hide  
quoted text -

- Show quoted text -- Hide quoted text -

- Show quoted text -