

## Re: Query doesn't always sort

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*Source:*

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2007-05/msg00138.html>

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- *From:* [sam.alame@xxxxxxxxxx](mailto:sam.alame@xxxxxxxxxx)
  - *Date:* 2 May 2007 05:24:20 -0700
- 

John,

Do you mean that I would have to create a blank table in a query and then append the data to it, as per Gary's suggestion? Or do you have another workaround?

Thanks,  
Sam

On May 1, 2:47 pm, "John Spencer" <[spen...@xxxxxxxxxx](mailto:spen...@xxxxxxxxxx)> wrote:

I just realized that you are using the query to do a make table.

===== Speculation follows =====

Make table queries can more or less ignore the sort order when they are creating the table. Even if the records were written in the sorted order, they may or may not be written to the disk in any specific order as far as disk storage order goes. So when they are retrieved they aren't retrieved in the write order but in disk access order (if no specific order is available).

If you have a primary key then Access will use that as the default order when it displays the table in DataSheet view.

===== End of speculation =====

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).

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

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<[sam.al...@xxxxxxxxxx](mailto:sam.al...@xxxxxxxxxx)> wrote in message

Re: Query doesn't always sort

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

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,
```

Re: Query doesn't always sort

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, 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  
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.

Re: Query doesn't always sort

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, 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 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.

--

John Spencer  
Access MVP 2002–2005,  
2007  
Center for Health Program

Re: Query doesn't always sort

Development and  
Management  
University of Maryland  
Baltimore County  
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<sam.al...@xxxxxxxx>  
wrote in message

[news:1177676065.778413.252420@xx](mailto:news:1177676065.778413.252420@xx)

Hello,

I have an  
access  
query that I  
run on a  
regular  
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?

Re: Query doesn't always sort

Thank you.

The query  
is:

```
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,
```

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P.M23VSAA,  
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P.M21VSAA,  
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P.M18VSAA,  
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P.M16VSAA,  
P.M15VSAA,  
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P.M13VSAA,  
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P.M10VSAA,  
P.M9VSAA,  
P.M8VSAA,  
P.M7VSAA,  
P.M6VSAA,  
P.M5VSAA,  
P.M4VSAA,  
P.M3VSAA,  
P.M2VSAA,  
P.M1VSAA,  
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P.M23VSAC,  
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```
P.M10VSAC,  
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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;-  
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