

## RE: strange problem with sql

**Source:**

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.programming/2005-01/4180.html>

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**From:** Joel H ([JoelH\\_at\\_discussions.microsoft.com](mailto:JoelH_at_discussions.microsoft.com))

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This is a cross-post.. Some fellas in the microsoft.public.data.oledb group gave me a clue. The difference in the character \_ and W is just one bit.

This problem has gotten worse. I now have 4 client computers that are getting the error. There are other letters that are getting mistranslated:

\_ to W  
i to a  
o to k  
t to p  
o to g

I found these bit pattern on the web (not sure how to translate myself) and it appears that they are all different by one bit.

Any further suggestions on what component is causing this will be appreciated!

Joel

"Erland Sommarskog" wrote:

> Joel H ([JoelH@discussions.microsoft.com](mailto:JoelH@discussions.microsoft.com)) writes:  
> > I have a vb6 app that is widely used in my organization that accesses an  
> > sql 2000 db using ado/oledb. I am randomly getting errors from only one  
> > computer (out of ~100). It appears that SQL Server is getting a  
> > different sql command than what my code is sending. My vb6 code looks  
> > similar to this:  
> >  
> > strSQL = "SELECT invoice\_detail.date\_added,... FROM invoice\_detail ..."  
> > rsTemp.Open strSQL, g\_Connection, adOpenKeyset, adLockReadOnly  
> >  
> > I get an error like this:  
> > Microsoft OLE DB Provider for SQL Server, Invalid column name  
> > 'invoiceWdetail'.  
> >  
> > The error doesn't always occur at the same place in my source code or on  
> > the same sql statement. It does seem to most frequently replace certain

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> > letters in table or column names with other letters. ie, it will change  
> > "my\_data\_table" with "myWdataWtable".  
> >  
> > My first thought was that there was a virus or spyware program on the  
> > client workstation, so I had our support staff reformat and reinstall  
> > the os. That didn't help. My onlly guess now is that there is a memory  
> > error. Any thoughts?  
>  
> The only thing I could think of is some character translation busniess  
> going on, but why it should attack an underscore is beyond me.  
>  
> Faulty memory is not impossible, but in such case one would execpt  
> other bad things on that machine, and most of all other characters  
> than \_ to be mutilated as well. But I note that there is only one  
> bit that is different between \_ and W.  
>  
> (I actually had such an error on my machine at home. I was running  
> with bad memory for six months before the error really started to  
> give me visible pronlems like random crashes. One funny incident was  
> that at one occassion the SQL Server executed was changed on one  
> single bit!)

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> --  
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>  
> Books Online for SQL Server SP3 at  
> <http://www.microsoft.com/sql/techinfo/productdoc/2000/books.asp>  
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