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Subject: problem with idl database

Posted by [stin.wang](#) on Sat, 28 Apr 2007 02:55:12 GMT

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hi everyone, i have some problem with idl dababase

i am working on some meteorological data which store in a mssql server.

so i use idldatabase connect the database, then use idldbrecordset to get desired table.

but something happen. because in my original table ,some record name is in chinese. when i process this data , it say something like that

"

\$MAIN\$

"

it seem like that the record name must be english. can anyone help my explain this? or find a way to solve this problem?

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Subject: Re: problem with idl database

Posted by [stin.wang](#) on Thu, 10 May 2007 09:48:53 GMT

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On May 10, 8:14 am, Rick Towler <[rick.tow...@nomail.noaa.gov](mailto:rick.tow...@nomail.noaa.gov)> wrote:

> stin.w...@gmail.com wrote:

>

> > Because the table is so big,(about ten millions datas),i think copy

> > all table is not my option. But thank all of your advice.so i use

> > vb.net to read database, and idl to draw picture.

>

> Well, you still can create a view. It will \*not\* be a copy of the data.

> Views are usually created to take existing data and present it in a

> different format. Exactly what you need to do. The view itself is just

> some sql code and the output from a query against a view is generated on

> the fly.

>

> If you want to do everything in IDL, this would be the easiest approach.

> Creating a view would just take a few minutes.

>

> -Rick

>

>

>  
>> On May 2, 1:29 am, Rick Towler <rick.tow...@nomail.noaa.gov> wrote:  
>>> As CP said, Dataminer (and IDL) don't handle unicode characters very well.  
>  
>>> One potential workaround, if you are on windows, is to use ADO+COM. But  
>>> due to (what I think are) limitations in IDL's IDLcomIDispatch object  
>>> you will only be able to return a single data type at a time. So if  
>>> your queries return columns of type char, date, and number then it will  
>>> not work efficiently. But if your queries return columns of all number  
>>> or date or char types then it is an option.  
>  
>>> Or, probably better yet, just create a view that replicates your table  
>>> and whose column titles are in roman characters.  
>  
>>> -Rick  
>  
>>> stin.w...@gmail.com wrote:  
>>>> hi everyone, i have some problem with idl dababase  
>>>> i am working on some meteorological data which store in a mssql  
>>>> server.  
>>>> so i use idldatabase connect the database, then use idldbrecordset to  
>>>> get desired table.  
>>>> but something happen. because in my original table ,some record name  
>>>> is in chinese. when i process this data , it say something like that  
>>>> "  
  
>>>> \$MMAIN\$  
>>>> "  
>>>> it seem like that the record name must be english. can anyone help my  
>>>> explain this? or find a way to solve this problem?- Hide quoted text -- Hide quoted text -  
>  
> - Show quoted text -  
Can you tell me more detail about View?? I never use it before. i  
fill happy if you can give me some examples.

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Subject: Re: problem with idl database  
Posted by [Rick Towler](#) on Thu, 10 May 2007 22:49:36 GMT  
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> Can you tell me more detail about View?? I never use it before. i  
> fill happy if you can give me some examples.

No, but a lot of other people can. Try this for starters:

<http://odetocode.com/Articles/299.aspx>

You'll need to use the "AS" clause in your SELECT to rename your columns. Something like:

```
CREATE OR REPLACE VIEW myIDLDataminerTable AS
SELECT
  columnOne AS colOne,
  funkyName AS notFunkyName,
  columnThree AS colThree
FROM myFunkyTable;
```

You will need privileges on the database to create a view so you may have to ask your DBA to do this. Once created, anyone with select privileges will be able to query it.

-Rick

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