
Subject: DataMiner - Number of rows in a table?

Posted by [Calvin King](#) on Mon, 14 Jun 1999 07:00:00 GMT

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Fellow IDL Users:

I checked in the 'IDL DataMiner Guide' to see if there is a simple way to determine the number of rows in a table and I couldn't find any. Hence, I am using the 'IDLdbRecordset::MoveCursor' function to count the number of rows as follows:

```
status = objRS->MoveCursor(/First)
count = 1
status = objRS->MoveCursor(/Next)
WHILE (status EQ 1) DO BEGIN
    count = count + 1
    status = objRS->MoveCursor(/Next)
ENDWHILE
```

I am using the value of 'count' from above to initialize an array, and then reading into this array values from a table as follows:

```
status = objRS->MoveCursor(/First)
x = FLTARR(count)
y = FLTARR(count)
FOR I = 0, count-1 DO BEGIN
    x[i] = objRS->GetField(0)
    y[i] = objRS->GetField(1)
    status = objRS->MoveCursor(/Next)
ENDFOR
```

Is there a better way (takes less time) to carry out the above task?
BTW, for my application the value of count is often > 10K.

Thanks for any ideas or suggestions!

Calvin

Email: cking@sandia.gov

Subject: Re: DataMiner - Number of rows in a table?

Posted by [Andrew Kraus](#) on Tue, 15 Jun 1999 07:00:00 GMT

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I have had a similar need and the way I decided to go was to add an COUNT field to the table.

That way I could go to the last record and pull the value from the COUNT field. However, I can think of several applications where this approach is limiting, so it may not be right for you.

Calvin King <cking@sandia.gov> wrote in article
<3765330E.58DB5435@sandia.gov>...

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>

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>

> Calvin

> Email: cking@sandia.gov

>

>

Subject: Re: DataMiner - Number of rows in a table?
Posted by [Dick Jackson](#) on Wed, 16 Jun 1999 07:00:00 GMT
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Calvin King wrote:

>

> Fellow IDL Users:

>

> I checked in the 'IDL DataMiner Guide' to see if there is a simple way
> to determine the number of rows in a table and I couldn't find any.

The online help for IDLdbRecordset::CurrentRecord suggests that with
some drivers, you can position yourself to the last record with
IDLdbRecordset::MoveCursor, /Last
then call

number = RSobj->CurrentRecord()
to get the record number. Does this work for you?

Cheers,

--

-Dick

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
