

RE: DBD::ADO and ODBC Information Code

Source: <http://coding.derkeiler.com/Archive/Perl/perl.dbi.users/2004-01/0197.html>

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Date: 01/14/04

To: "'Peter Hircock'" <peter@hircock.com>

Date: Tue, 13 Jan 2004 21:44:15 -0500

```
>
>>>
>>> Thanks, I have a catch 22 here.
>>> The ODBC driver returns a value out of range error
> whenever I do a
>>> select on a field that is a float.
>>
>> Can you please get me a small sample?
>>
>> Create table foo ( etc )
>> Select * from foo;
>>
>> Etc?
> I have very limited access to the database, it is read only.
> But here are the DBD::ODBC error messages I get when I
> select 9 columns that happen to be floats.
>
> DBD::ODBC::db selectall_arrayref failed: [Reuters][Open
> Access]Numeric value out of range (SQL-22003) [Reuters][Open
> Access]Numeric value out of range (SQL-22003) [Reuters][Open
> Access]Numeric value out of range (SQL-22003) [Reuters][Open
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> Access]Numeric value out of range (SQL-22003) [Reuters][Open
> Access]Numeric value out of range (SQL-22003) [Reuters][Open
> Access]Numeric value out of range (SQL-22003)(DBD:
> st_fetch/SQLFetch err=-1) at runODBC.pl line 33, <STDIN> line 1.
>
> DBD::ADO gets the data:
> $VAR1 = [
> {
> 'OPEN' => '52.7700004577637',
> 'ASK' => '52.6699981689453',
> 'CLOSE' => '52.6199989318848',
> 'LOW' => '52.6199989318848',
```

```
> 'VOLUME' => '1147040',  
> 'BLOCK_TRADE' => '9',  
> 'HIGH' => '52.9900016784668',  
> 'BLOCK_VOLUME' => '702500',  
> 'BID' => '52.5999984741211'  
> }  
> ];
```

I'd also like to see a DBI trace (level 9) of the select. I'd like to see if I can get a hold of what's happening. I see it's a reuters database, so I'm pretty sure I'm not going to be able to replicate it here, but I'd like to look into it.

Jeff

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>>  
>> Thanks,  
>>  
>> Jeff  
>>  
>>> The ADO driver handles floating point fine, but does  
> not like the  
>>> SUCCESS_WITH_INFO messages that come back with a SELECT  
> that produces  
>>> no rows.  
>>> I may have to do a ODBC select without float columns to  
> make sure  
>>> I am going to get a hit, then do an ADO select on the  
> complete field  
>>> list.  
>>>  
>>> Peter  
>>>>  
>>>>  
>>>> Peter Hircock wrote:  
>>>>  
>>>>> I am having a problem when the query returns no rows, if  
>>>>> I get data all  
>>>>> looks good. When I run $sth->execute() on a SELECT that  
>>> returns no  
>>>>> rows, the OLE->ODBC driver is returning a 01001 Information  
>>>>> Code, with the  
>>>>> result. It looks like the ADE driver then enters a long  
>>>>> loop 65531.  
>>>>> Memory ( > 300 Meg ) && CPU ( 100% ) while this is happening.  
>>>>>  
>>>>> Looks like the SUCCESS_WITH_INFO issue I'm currently working on:  
>>>>>  
>>>>  
>>>> In the mean time, you might try DBD::ODBC and use the  
> ODBC driver
```

> >> > *directly.*
> >> >
> >> > *Jeff*
> >> >
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> >>
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> >
>
>