

Re: Attempt to initiate a new SQL Server operation with results pending.

## Re: Attempt to initiate a new SQL Server operation with results pending.

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*Source:* <http://coding.derkeiler.com/Archive/Perl/perl.dbi.users/2005-06/msg00140.html>

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- *From:* [dkasak@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:dkasak@xxxxxxxxxxxxxxxxxxxxxxxx) (Daniel Kasak)
  - *Date:* Wed, 22 Jun 2005 15:21:53 +1000
- 

Jeff Urlwin wrote:

```
>>Hi all.
>>
>>I've just ( barely ) managed to get DBD::ODBC ==> UnixODBC
>>==> FreeTDS
>>working on my system.
>>
>>I took a Perl-Gtk2 app which has been running fine, and
>>substituted the
>>old DBD::Sybase connection with the DBD::ODBC one, and then
>>discovered I
>>could only run one query on SQL Server, and then all
>>subsequent queries
>>gave:
>>
>>DBD::ODBC::st execute failed: [unixODBC][FreeTDS][SQL
>>Server]Attempt to
>>initiate a new SQL Server operation with results pending.
>>(SQL-07005)(DBD: st_execute/SQLExecute err=-1)
>>
>>Damn!
>>
>>So I started going through my code and adding $sth->finish after all
>>recordset operations, and that seems to be fixing things.
>>
>>
>
>Please see if you can provide a small, self-contained example. (i.e. one that creates
>tables and inserts data, then reproduces the problem, such that it can be run simply (or,
>feel free to add it to some of the DBD::ODBC t/20sqlserver.t tests, if you feel slightly
>more inclined), then I can refine the implementation to ensure that you don't have to call
>finish each time. It's supposed to be that way, but if it's not working, I'd like to
>know.
>
>
>
It's been quite a while, but I've gotten around to building an example
```

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application.

The application gives the 'Attempt to initiate a new SQL Server operation with results pending.' error and then exits when it can't fetch any data. It *should* fetch each row and dump the values to the console.

I'm using DBD::ODBC, compiled against UnixODBC & FreeTDS. The code below works if I use DBD::Sybase instead of DBD::ODBC

You'll have to create a 'test' database in SQL Server, and change the password in the script below. Other than that ( and having a working DBD::ODBC setup ), it should be right to go.

---

```
#!/usr/bin/perl
```

```
use strict;
```

```
use DBI;
```

```
# Connect to SQL Server
```

```
my $dbh = DBI->connect("dbi:ODBC:SQLServer", 'sa',  
'_ENTER_PASSWORD_HERE', {PrintError => 1})
```

```
|| die "Database connectin not made: $DBI::errstr";
```

```
$dbh->do("use test");
```

```
$dbh->do("create table some_table (  
ID integer identity (1,1),  
CompanyName varchar(50),  
SomeNote varchar(255)  
)");
```

```
my $sth = $dbh->prepare("insert into some_table ( CompanyName, SomeNote  
) values ( ?, ? )");
```

```
foreach my $company (  
[ "McDonalds", "Wants monopoly on fast  
foods" ],  
[ "Monsanto", "All-round evil company in  
food production" ],  
[ "BAE Systems", "Manufactures Weapons of  
Mass Destruction (TM)" ],  
[ "Advanta BV", "Poisons food supply with GM  
products" ]  
)  
{  
$sth->execute( $$company[0], $$company[1] );  
}
```

```
$sth = $dbh->prepare("select ID from some_table") || die $dbh->errstr;
```

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```
$sth->execute || die $dbh->errstr;

while (my $row = $sth->fetchrow_hashref) {

my $little_sth = $dbh->prepare("select * from some_table where ID="
.. $row->{ID});
$little_sth->execute;
my $little_row = $little_sth->fetchrow_array;

print "Got some data: \n"
. " Company: " . $$little_row[0] . " ... Note: " . $$little_row[1];

}

-----

--
```

Daniel Kasak  
IT Developer  
NUS Consulting Group  
Level 5, 77 Pacific Highway  
North Sydney, NSW, Australia 2060  
T: (+61) 2 9922-7676 / F: (+61) 2 9922 7989  
email: dkasak@xxxxxxxxxxxxxxxxxxxxxx  
website: <http://www.nusconsulting.com.au>

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- **Follow-Ups:**
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    - ◆ **Re: Attempt to initiate a new SQL Server operation with results pending.**  
◇ From: Martin J. Evans
  
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