

Re: Perl ODBC complex query example needed

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samregen wrote:

> *Hi,*
>
> *I cannot find any examples of how to issue a multi-table query using*
> *perl ODBC methods.*

Did you

use DBI;

with DBD::ODBC? If so:

perldoc DBI

at a command prompt will give you wonderful documentation including lots of examples. The "complex queries" you mention are all in SQL, which is outside the scope of this newsgroup — a newsgroup about SQL would be better for that.

Hint: It would be helpful if you would state what module you used to interface with your database so we don't have to guess, or just not know, like in my case.

I am guessing that you probably want to access an ODBC database on Windoze. If so, you will need to create a user or system DSN as follows (maybe you already know that):

(for Windoze XP, others may differ): Start..Control Panel..Administrative Tools..Data Sources (ODBC), then pick either the user or system DSN tab and add a DSN name for the database you want to connect to. That name goes in the DBI connect method.

I don't know what method of accessing a database you were using below — I don't recognize the code. Using the DBI module is definitely **the** way to go. The DBI code is independent of the database and the platform, so it will work the same if you decide

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you want to switch databases or OSEs later, for example (some of the SQL might be slightly different, as SQL is not really very standard, at least if you use the more esoteric stuff, and, of course, the connection string will be different).

>
> *I am currently writing a perl script to issue queries generically, but*
> *I have no reference examples for queries against multiple tables.*
>
> *Specifically, I am used to using the form shown below, where a specific*
> *sql connection is in scope for the query. My query spans connections,*
> *so I am not sure how to approach this problem.*

With DBI, it is no problem at all to have connections to multiple databases -- just establish as many connections to as many databases as you need. However, to the best of my knowledge, a given SQL query is limited to a specific connection. That is a function of SQL -- the establishment of a connection is outside the scope of SQL -- the connection is established before SQL starts up. So I'm not sure what you mean when you say your "query spans connections". Could you clarify, please?

>
> *#Next we can issue the SQL statement and trap on warnings if it fails*
> *if(\$db{1}{connection}->Sql(\$passed_sql_statement)) {*
> *my (\$err) = \$db{1}{connection}->Error;*
> *warn "SQL() Error\n";*
> *warn "\t\$passed_sql_statement: \$passed_sql_statement\n";*
> *warn "\t\$err: \$err\n";*
> *\$db{1}{connection}->DumpData();*
> *warn "\nThe problem SQL statement was: \n\$passed_sql_statement\n";*
> *warn "\n\n";*
> *} else {*
> *print STDERR "The statement \"\$passed_sql_statement\" \nran*
> *successfully\n\n";*
> *}*
>
> *I have been digging in the bit mines for 5 hours looking for examples*
> *for this sort of query, but nothing out there shows the use of ODBC*
> *methods.*
>
> *Thanks to anyone who can help.*

HTH.

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