

RE: Perl DBI->Connect: how to detect a a lost connection

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- *From:* stewart.anderson@xxxxxxxxxxxxxxxx (Stewart Anderson)
 - *Date:* Mon, 21 Jul 2008 10:22:27 +0100
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Ravi Malghan wrote:

Hi: I have a script which connects to a database when it starts up

```
$dbh = DBI->connect("dbi:Pg:dbname=$dbname;host=$host;port=$port;",  
"$username", "$password", {AutoCommit => 1});
```

followed by a while loop which runs a query for this connection at 60

second

intervals. If the database goes down for some reason, I want the

script to

try reconnecting to the database. How do I figure out within the while

look

if the database connection is still valid. If tried using the \$dbh

variable

(if (\$dbh)then connection is fin. else connection is bad). That

doesn't seem

to work. How do I figure out if the \$dbh connection has been lost

within the

while loop?

I suggest you connect to the database every time around the loop instead of just

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once before it. If you use the connect_cached method instead of connect then the connection will be verified and used again if it is still valid.

HTH,

Rob

I have seen in other implementations. using a simple "select sysdate from dual" (which is very fast since it does not query any table) type of check and trapping the response to see if it is connected. But, that will take more instructions than simply re-connecting, don't know how much of a performance thing it will be versus the "select/check", Though if Rob suggests a re-connect, he might already have been down that alley.

Stu

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