

Re: mysql connection failing as CGI

Source: <http://coding.derkeiler.com/Archive/Perl/comp.lang.perl.misc/2006-11/msg01575.html>

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 - *Date:* Wed, 22 Nov 2006 11:22:47 +0100
-

ianatkinsonbsc@xxxxxxxxxx schrieb:

Hi,

I have a strange problem and I'm hoping someone can help. I've bought some new hosting which comes with a MySQL database but I'm struggling to get it working with any perl scripts; the hosting support are being no help so I've had to come here, sorry guys!

The problem basically is that when the script is run as a CGI script it won't connect to the database, however if I run the same script from the command line (I have SSH access to the server) it runs fine.

Can you check apache log?

```
tail -f /var/log/http/error_log
```

you may find the apache log somewhere else depending on your OS.
In addition to that I would use eval to find out what went wrong, see below

The script is as follows (very simple):

```
#!/usr/bin/perl

use DBI;

print "Content-type: text/html\n";
print "<html><head></head><body>\n\nres:\n\n";
```

```
my $SQL;
my $dbh;
my $sth;
```

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```
eval{
$dbh =
DBI->connect("DBI:mysql:dbname:mydbname;host=213.171.218.249;port=3306",
"dbuser","dbpass",
{
RaiseError => 1
}
);
```

```
$SQL = "SELECT * FROM numbers";
```

```
$sth = $dbh->prepare($SQL);
$sth->execute();
```

```
};
if($@){
print $@;
}
```

```
while (@row = $sth->fetchrow_array) { print @row; print "\n"; }
print "</body></html>";
```

And if I run it from the command line:

```
[domain1201232@ssh5 cgi-bin]$ perl numbers.pl
Content-type: text/html
```

```
<html><head></head><body>
```

```
res:
```

```
1
10
15
</body></html>
```

As you can see it connects to the database and retrieves the 3 ints sat in there. If I run this from the CGI-bin however the only code output is:

```
<html><head></head><body>
```

```
res:
```

i.e. the script falls over when it tries to make the database connection and goes no further.

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The hosting support are saying that I have not formed the connection string properly, however if that was the case it wouldn't work from the command line surely? I have also copied the script over to my machine at home (verbatim and connecting to the same MySQL server) and it runs fine from there also.

It seems to me like they have a firewalling problem maybe but I don't have access to the Apache logs so I'm at a loss as to what else I can try really. I did try the same thing in PHP (just using PHP syntax) and that works OK, both on the command line and over the web which was bringing me back round to the idea that it's a Perl problem, but I really can't see anything wrong with it and if the syntax was wrong it'd surely crap out on the command line as well!

Any ideas?

Thanks,

Ian.