

Redmine - Defect #2808

Can't connect to a remote MySQL server

2009-02-23 03:12 - Simon van der Linden

Status:	Closed	Start date:	2009-02-23
Priority:	High	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Invalid		

Description

My webserver is not the same as my SQL server, so I configured my database.yml file as follows:

```
production:
  adapter: mysql
  database: redmine
  username: redmine
  password: *****
  encoding: utf8
  host: storage
```

Note: storage is a resolvable hostname on the webserver.

But then, when I try to load a page, I get the following error:

```
Can't connect to local MySQL server through socket '/var/run/mysqld/mysqld.sock' (2)
```

```
/var/lib/gems/1.8/gems/activerecord-2.1.2/lib/active_record/connection_adapters/mysql_adapter.rb:5
27:in `real_connect'
/var/lib/gems/1.8/gems/activerecord-2.1.2/lib/active_record/connection_adapters/mysql_adapter.rb:5
27:in `connect'
/var/lib/gems/1.8/gems/activerecord-2.1.2/lib/active_record/connection_adapters/mysql_adapter.rb:1
86:in `initialize'
/var/lib/gems/1.8/gems/activerecord-2.1.2/lib/active_record/connection_adapters/mysql_adapter.rb:8
5:in `new'
/var/lib/gems/1.8/gems/activerecord-2.1.2/lib/active_record/connection_adapters/mysql_adapter.rb:8
5:in `mysql_connection'
/var/lib/gems/1.8/gems/activerecord-2.1.2/lib/active_record/connection_adapters/abstract/connectio
n_specification.rb:292:in `send'
/var/lib/gems/1.8/gems/activerecord-2.1.2/lib/active_record/connection_adapters/abstract/connectio
n_specification.rb:292:in `connection='
/var/lib/gems/1.8/gems/activerecord-2.1.2/lib/active_record/connection_adapters/abstract/connectio
n_specification.rb:260:in `retrieve_connection'
/var/lib/gems/1.8/gems/activerecord-2.1.2/lib/active_record/connection_adapters/abstract/connectio
n_specification.rb:78:in `connection'
/var/lib/gems/1.8/gems/activerecord-2.1.2/lib/active_record/query_cache.rb:8:in `cache'
/var/lib/gems/1.8/gems/actionpack-2.1.2/lib/action_controller/caching/sql_cache.rb:12:in `perform_
action'
/var/lib/gems/1.8/gems/actionpack-2.1.2/lib/action_controller/base.rb:529:in `send'
/var/lib/gems/1.8/gems/actionpack-2.1.2/lib/action_controller/base.rb:529:in `process_without_filt
ers'
/var/lib/gems/1.8/gems/actionpack-2.1.2/lib/action_controller/filters.rb:568:in `process_without_s
ession_management_support'
/var/lib/gems/1.8/gems/actionpack-2.1.2/lib/action_controller/session_management.rb:130:in `proces
s'
/var/lib/gems/1.8/gems/actionpack-2.1.2/lib/action_controller/base.rb:389:in `process'
/var/lib/gems/1.8/gems/rails-2.1.2/lib/cgi_handler.rb:103:in `process_request'
/var/lib/gems/1.8/gems/rails-2.1.2/lib/cgi_handler.rb:153:in `with_signal_handler'
/var/lib/gems/1.8/gems/rails-2.1.2/lib/cgi_handler.rb:101:in `process_request'
/var/lib/gems/1.8/gems/rails-2.1.2/lib/cgi_handler.rb:78:in `process_each_request'
```

```
/var/lib/gems/1.8/gems/rails-2.1.2/lib/fcgi_handler.rb:77:in `process_each_request'  
/var/lib/gems/1.8/gems/rails-2.1.2/lib/fcgi_handler.rb:76:in `catch'  
/var/lib/gems/1.8/gems/rails-2.1.2/lib/fcgi_handler.rb:76:in `process_each_request'  
/var/lib/gems/1.8/gems/rails-2.1.2/lib/fcgi_handler.rb:50:in `process!'  
/var/lib/gems/1.8/gems/rails-2.1.2/lib/fcgi_handler.rb:24:in `process!'
```

Honestly, I don't know anything about Rails, so maybe it is not the right place to report such a problem. Any help would be appreciated.

History

#1 - 2009-02-23 13:38 - A. Ni.

Hi Simon,

please look at this: <http://rubyresponse.wordpress.com/2006/07/22/cant-find-mysqldsock/>

This helped me a while ago.

Cheers,
A.

#2 - 2009-02-23 15:32 - Simon van der Linden

As I stated in the issue description, **my MySQL server is not running on the same machine as the webserver**. There is thus no socket to look for!

Thanks for your attention, anyway.

#3 - 2009-02-23 15:35 - Jean-Baptiste Barth

Did you try with a fully qualified domain name ?

Did you try to connect on this server/db with just the "mysql" command (i.e. outside a rails app) ?

#4 - 2009-02-23 15:47 - Simon van der Linden

Jean-Baptiste Barth wrote:

Did you try with a fully qualified domain name ?

Yes, I did. Even with an IP address, it doesn't work.

Did you try to connect on this server/db with just the "mysql" command (i.e. outside a rails app) ?

Yes, I did. It works.

#5 - 2009-02-23 16:28 - Jean-Philippe Lang

How do you run/start Redmine ?

#6 - 2009-02-23 17:44 - Simon van der Linden

Jean-Philippe Lang wrote:

How do you run/start Redmine ?

With the command given on the RedmineInstall wiki page:

```
# ruby script/server -e production  
=> Booting lighttpd (use 'script/server webrick' to force WEBrick)  
server: invalid option: -e  
=> Rails 2.1.2 application starting on http://0.0.0.0:3000  
=> Call with -d to detach  
=> Ctrl-C to shutdown server (see config/lighttpd.conf for options)  
checking plugin 'engines' for 'application_helper'  
[...]  
loading from application: application_helper  
loading routes from /var/www/projects.vanderlinden.eu.org/vendor/plugins/engines/routes.rb  
[...]
```

Haha, pebcak: I didn't notice the invalid option warning.

However, I don't see any option that would set the environment:

```
# ruby script/server --help
=> Booting lighttpd (use 'script/server webrick' to force WEBrick)
Usage: server [options]
  -p, --port=port           Changes the server.port number in the config/lighttpd.conf
  -c=[...]/config/lighttpd.conf
    --config                Specify a different lighttpd config file.
  -h, --help                Show this message.
  -d                        Call with -d to detach
```

#7 - 2009-02-23 17:51 - Jean-Philippe Lang

-e is a webrick option. Read the doc of lighttpd to see how to run it in production mode.

But you can try this for now:

```
ruby script/server webrick -e production
```

#8 - 2009-02-23 21:10 - Simon van der Linden

- Status changed from *New* to *Resolved*

Good, it works. Shall I update the wiki page accordingly?

#9 - 2009-02-23 23:48 - Jean-Philippe Lang

- Status changed from *Resolved* to *Closed*

- Affected version (*unused*) deleted (*0.8.0*)

- Resolution set to *Invalid*

Done.