Redmine - Defect #8907

Redmine spontaneously stops running and returns 500 errors under Passenger

2011-07-26 21:15 - Steve Voida

Status:	Closed	**Start date:**	2011-07-26
Priority:	High	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
Resolution:	Invalid	**Affected version:**	1.2.1

Description

Redmine seems to be spontaneously crashing under Passenger 3.0.7 on OSX 10.6.8. I've tried updating various system components and re-migrating the database, but with no avail.

Typically, if I restart the Apache server, things run fine for some indeterminate period of time, after which point I start getting 500 errors back from the server.

(Sorry -- new to Rails and Passenger, so if more information is needed, I can provide it!)

```
Database version          MySQL Community Server 5.5.14
Webserver environment     Apache/2.2.17 (Unix) mod_ssl/2.2.17 OpenSSL/0.9.8r SVN/1.6.16 Phusion_Pa
ssenger/3.0.7 mod_perl/2.0.4 Perl/v5.10.0
Ruby version              1.8.7 (universal-darwin10.0)
RubyGems version          1.3.7
Rack version              1.1.1
Rails version             2.3.11
Active Record version     2.3.11
Active Resource version   2.3.11
Action Mailer version     2.3.11
Active Support version    2.3.11
Edge Rails revision       unknown
Application root          /Library/WebServer/RailsApps/redmine
Environment               production
Database adapter          mysql
Database schema version   20110511000000
```

Here are the relevant bits from the production.log. Note the time elapsed between the successful welcome page render (02:18:03) and the failure (11:22:06).

```
Processing WelcomeController#index (for 72.194.118.152 at 2011-07-26 02:18:03) [GET]
  Parameters: {"action"=>"index", "controller"=>"welcome"}
Rendering template within layouts/base
Rendering welcome/index
Completed in 24ms (View: 11, DB: 7) | 200 OK [https://<<servername>>/code]
/!\ FAILSAFE /!\  Tue Jul 26 11:22:06 -0700 2011
  Status: 500 Internal Server Error
  Broken pipe
    /Library/Ruby/Site/1.8/mysql/protocol.rb:617:in `flush'
    /Library/Ruby/Site/1.8/mysql/protocol.rb:617:in `write'
    /System/Library/Frameworks/Ruby.framework/Versions/1.8/usr/lib/ruby/1.8/timeout.rb:53:in `time
out'
    /Library/Ruby/Site/1.8/mysql/protocol.rb:616:in `write'
    /Library/Ruby/Site/1.8/mysql/protocol.rb:640:in `simple_command'
    /Library/Ruby/Site/1.8/mysql/protocol.rb:545:in `synchronize'
    /Library/Ruby/Site/1.8/mysql/protocol.rb:638:in `simple_command'
    /Library/Ruby/Site/1.8/mysql/protocol.rb:413:in `statistics_command'
    /Library/Ruby/Site/1.8/mysql.rb:502:in `stat'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/mysql_adapter.rb:277:in `active?'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/abstract_adapter.rb:152:in `verify!'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
```

```
apters/abstract/connection_pool.rb:256:in `checkout_and_verify'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/abstract/connection_pool.rb:252:in `checkout_existing_connection'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/abstract/connection_pool.rb:186:in `checkout'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/abstract/connection_pool.rb:184:in `loop'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/abstract/connection_pool.rb:184:in `checkout'
     /System/Library/Frameworks/Ruby.framework/Versions/1.8/usr/lib/ruby/1.8/monitor.rb:242:in `syn
chronize'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/abstract/connection_pool.rb:183:in `checkout'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/abstract/connection_pool.rb:98:in `connection'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/abstract/connection_pool.rb:326:in `retrieve_connection'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/abstract/connection_specification.rb:123:in `retrieve_connection'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/abstract/connection_specification.rb:115:in `connection'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/query_cache.r
b:9:in `cache'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/query_cache.r
b:28:in `call'
     /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_ad
apters/abstract/connection_pool.rb:361:in `call'
     /Library/WebServer/RailsApps/redmine/vendor/rails/actionpack/lib/action_controller/string_coer
cion.rb:25:in `call'
     /Library/Ruby/Gems/1.8/gems/rack-1.1.1/lib/rack/head.rb:9:in `call'
     /Library/Ruby/Gems/1.8/gems/rack-1.1.1/lib/rack/methodoverride.rb:24:in `call'
     /Library/WebServer/RailsApps/redmine/vendor/rails/actionpack/lib/action_controller/params_pars
er.rb:15:in `call'
     /Library/WebServer/RailsApps/redmine/vendor/rails/actionpack/lib/action_controller/session/coo
kie_store.rb:99:in `call'
     /Library/WebServer/RailsApps/redmine/vendor/rails/actionpack/lib/action_controller/failsafe.rb
:26:in `call'
     /Library/Ruby/Gems/1.8/gems/rack-1.1.1/lib/rack/lock.rb:11:in `call'
     /Library/Ruby/Gems/1.8/gems/rack-1.1.1/lib/rack/lock.rb:11:in `synchronize'
     /Library/Ruby/Gems/1.8/gems/rack-1.1.1/lib/rack/lock.rb:11:in `call'
     /Library/WebServer/RailsApps/redmine/vendor/rails/actionpack/lib/action_controller/dispatcher.
rb:106:in `call'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/rack/request_handler.rb:96:i
n `process_request'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_request_handler.rb:
513:in `accept_and_process_next_request'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_request_handler.rb:
274:in `main_loop'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/classic_rails/application_sp
awner.rb:321:in `start_request_handler'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/classic_rails/application_sp
awner.rb:275:in `send'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/classic_rails/application_sp
awner.rb:275:in `handle_spawn_application'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/utils.rb:479:in `safe_fork'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/classic_rails/application_sp
awner.rb:270:in `handle_spawn_application'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_server.rb:357:in `_
_send__'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_server.rb:357:in `s
erver_main_loop'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_server.rb:206:in `s
tart_synchronously'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_server.rb:180:in `s
tart'
     /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/classic_rails/application_sp
awner.rb:149:in `start'
```

```
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/spawn_manager.rb:219:in `spa
wn_rails_application'
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_server_collection.r
b:132:in `lookup_or_add'
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/spawn_manager.rb:214:in `spa
wn_rails_application'
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_server_collection.r
b:82:in `synchronize'
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_server_collection.r
b:79:in `synchronize'
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/spawn_manager.rb:213:in `spa
wn_rails_application'
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/spawn_manager.rb:132:in `spa
wn_application'
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/spawn_manager.rb:275:in `han
dle_spawn_application'
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_server.rb:357:in `_
_send__'
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_server.rb:357:in `s
erver_main_loop'
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/lib/phusion_passenger/abstract_server.rb:206:in `s
tart_synchronously'
        /Library/Ruby/Gems/1.8/gems/passenger-3.0.7/helper-scripts/passenger-spawn-server:99

Processing WelcomeController#index (for 169.234.7.45 at 2011-07-26 11:32:08) [GET]
  Parameters: {"action"=>"index", "controller"=>"welcome"}
Rendering template within layouts/base
Rendering welcome/index
Completed in 162ms (View: 67, DB: 57) | 200 OK [https://cheddar.ics.uci.edu/code]
```

The only other potentially relevant bit I can come up with is that I've implemented the steps listed in the tutorial "HowTo configure Redmine for advanced Subversion integration" and am running both Redmine.pm to provide access control to the SVN repos and respoman (as a LaunchCtl task) to automatically generate repositories. This might account for the seemingly spontaneous nature of the failures, but I've followed all the directions as closely as I can and don't see anything particularly amiss in the Apache logs to suggest that this is the source of the problem. (The Apache logs are strangely silent on all of this...)

History

#1 - 2011-08-14 07:26 - Steve Voida

- Status changed from New to Resolved

After searching about this error a bit more, this seems to be a problem with the way that Passenger manages connections to the database, so not a Redmine-specific problem. I'm going to go back and re-install under fastcgi and see if that fixes the problem.

#2 - 2011-08-15 14:09 - Etienne Massip

- Status changed from Resolved to Closed

- Resolution set to Invalid

#3 - 2011-08-15 20:42 - Steve Voida

- Status changed from Closed to Reopened

Actually, after switching over from Passenger to a vanilla fastcgi installation, I'm still getting 500 errors and broken database pipes after the server exceed some number of hours of uptime (usually around 10-11). This is definitely a problem with Redmine and not Passenger.

#4 - 2011-08-16 17:22 - Andrew Szczepanski

I am getting the same error. Judging by the error message and function stack, it appears to be a timeout with the mysql connection. My attempted fix is to set "reconnect: true" under production in the database.yml, but I can not be sure it resolves the error until we go a week without it happening.

#5 - 2011-08-17 19:55 - Andrew Szczepanski

The attempted fix still did not work. My stack trace looks similar to Steve's but I'll post it anyways:

/!\ FAILSAFE /!\ Wed Aug 17 08:24:26 -0500 2011
Status: 500 Internal Server Error
Broken pipe

```
/home/rubyonrails/redmine/lib/mysql.rb:1042:in `flush'
/home/rubyonrails/redmine/lib/mysql.rb:1042:in `write'
/home/rubyonrails/redmine/lib/mysql.rb:462:in `write'
/home/rubyonrails/redmine/lib/mysql.rb:436:in `command'
/home/rubyonrails/redmine/lib/mysql.rb:307:in `stat'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/mysql_adapter.rb:277:in `active?'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract_adapter.rb:152:in `verify!'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/connection_pool.rb:256:in `checkout_and_verify'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/connection_pool.rb:252:in
`checkout_existing_connection'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/connection_pool.rb:186:in `checkout'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/connection_pool.rb:184:in `loop'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/connection_pool.rb:184:in `checkout'
/usr/local/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/connection_pool.rb:183:in `checkout'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/connection_pool.rb:98:in `connection'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/connection_pool.rb:326:in `retrieve_connection'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/connection_specification.rb:123:in
`retrieve_connection'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/connection_specification.rb:115:in `connection'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/query_cache.rb:9:in `cache'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/query_cache.rb:28:in `call'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/connection_pool.rb:361:in `call'
/usr/local/lib/ruby/gems/1.8/gems/actionpack-2.3.11/lib/action_controller/string_coercion.rb:25:in `call'
/usr/local/lib/ruby/gems/1.8/gems/rack-1.1.2/lib/rack/head.rb:9:in `call'
/usr/local/lib/ruby/gems/1.8/gems/rack-1.1.2/lib/rack/methodoverride.rb:24:in `call'
/usr/local/lib/ruby/gems/1.8/gems/actionpack-2.3.11/lib/action_controller/params_parser.rb:15:in `call'
/usr/local/lib/ruby/gems/1.8/gems/actionpack-2.3.11/lib/action_controller/session/cookie_store.rb:99:in `call'
/usr/local/lib/ruby/gems/1.8/gems/actionpack-2.3.11/lib/action_controller/failsafe.rb:26:in `call'
/usr/local/lib/ruby/gems/1.8/gems/rack-1.1.2/lib/rack/lock.rb:11:in `call'
/usr/local/lib/ruby/gems/1.8/gems/rack-1.1.2/lib/rack/lock.rb:11:in `synchronize'
/usr/local/lib/ruby/gems/1.8/gems/rack-1.1.2/lib/rack/lock.rb:11:in `call'
/usr/local/lib/ruby/gems/1.8/gems/actionpack-2.3.11/lib/action_controller/dispatcher.rb:106:in `call'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/rack/request_handler.rb:96:in `process_request'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_request_handler.rb:513:in `accept_and_process_next_request'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_request_handler.rb:274:in `main_loop'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_spawner.rb:321:in `start_request_handler'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_spawner.rb:275:in `send'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_spawner.rb:275:in `handle_spawn_application'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/utils.rb:479:in `safe_fork'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_spawner.rb:270:in `handle_spawn_application'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:357:in `__send__'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loop'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:206:in `start_synchronously'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:180:in `start'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_spawner.rb:149:in `start'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:219:in `spawn_rails_application'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server_collection.rb:132:in `lookup_or_add'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:214:in `spawn_rails_application'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server_collection.rb:82:in `synchronize'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server_collection.rb:79:in `synchronize'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:213:in `spawn_rails_application'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:132:in `spawn_application'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:275:in `handle_spawn_application'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:357:in `__send__'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loop'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:206:in `start_synchronously'
/usr/local/lib/ruby/gems/1.8/gems/passenger-3.0.8/helper-scripts/passenger-spawn-server:99
```

#6 - 2011-08-17 20:08 - Steve Voida

I also tried Andrew's suggestion for adding the reconnect line to database.yml, but to no avail.

Here's the dump from the latest crash reported in my production.log under my updated fastcgi configuration:

```
/!\ FAILSAFE /!\  Wed Aug 17 09:53:29 -0700 2011
  Status: 500 Internal Server Error
  Broken pipe
    /Library/Ruby/Site/1.8/mysql/protocol.rb:617:in `flush'
    /Library/Ruby/Site/1.8/mysql/protocol.rb:617:in `write'
    /System/Library/Frameworks/Ruby.framework/Versions/1.8/usr/lib/ruby/1.8/timeout.rb:53:in `timeout'
    /Library/Ruby/Site/1.8/mysql/protocol.rb:616:in `write'
    /Library/Ruby/Site/1.8/mysql/protocol.rb:640:in `simple_command'
    /Library/Ruby/Site/1.8/mysql/protocol.rb:545:in `synchronize'
    /Library/Ruby/Site/1.8/mysql/protocol.rb:638:in `simple_command'
```

```
    /Library/Ruby/Site/1.8/mysql/protocol.rb:413:in `statistics_command'
    /Library/Ruby/Site/1.8/mysql.rb:502:in `stat'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/mysql
_adapter.rb:277:in `active?'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act_adapter.rb:152:in `verify!'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act/connection_pool.rb:256:in `checkout_and_verify'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act/connection_pool.rb:252:in `checkout_existing_conn$
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act/connection_pool.rb:186:in `checkout'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act/connection_pool.rb:184:in `loop'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act/connection_pool.rb:184:in `checkout'
    /System/Library/Frameworks/Ruby.framework/Versions/1.8/usr/lib/ruby/1.8/monitor.rb:242:in `synchronize'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act/connection_pool.rb:183:in `checkout'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act/connection_pool.rb:98:in `connection'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act/connection_pool.rb:326:in `retrieve_connection'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act/connection_specification.rb:123:in `retrieve_conn$
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act/connection_specification.rb:115:in `connection'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/query_cache.rb:9:in `cach
e'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/query_cache.rb:28:in `cal
l'
    /Library/WebServer/RailsApps/redmine/vendor/rails/activerecord/lib/active_record/connection_adapters/abstr
act/connection_pool.rb:361:in `call'
    /Library/WebServer/RailsApps/redmine/vendor/rails/actionpack/lib/action_controller/string_coercion.rb:25:i
n `call'
    /Library/Ruby/Gems/1.8/gems/rack-1.1.2/lib/rack/head.rb:9:in `call'
    /Library/Ruby/Gems/1.8/gems/rack-1.1.2/lib/rack/methodoverride.rb:24:in `call'
    /Library/WebServer/RailsApps/redmine/vendor/rails/actionpack/lib/action_controller/params_parser.rb:15:in
`call'
    /Library/WebServer/RailsApps/redmine/vendor/rails/actionpack/lib/action_controller/session/cookie_store.rb
:99:in `call'
    /Library/WebServer/RailsApps/redmine/vendor/rails/actionpack/lib/action_controller/failsafe.rb:26:in `call
'
    /Library/Ruby/Gems/1.8/gems/rack-1.1.2/lib/rack/lock.rb:11:in `call'
    /Library/Ruby/Gems/1.8/gems/rack-1.1.2/lib/rack/lock.rb:11:in `synchronize'
    /Library/Ruby/Gems/1.8/gems/rack-1.1.2/lib/rack/lock.rb:11:in `call'
    /Library/WebServer/RailsApps/redmine/vendor/rails/actionpack/lib/action_controller/dispatcher.rb:106:in `c
all'
    /Library/Ruby/Gems/1.8/gems/rack-1.1.2/lib/rack/content_length.rb:13:in `call'
    /Library/Ruby/Gems/1.8/gems/rack-1.1.2/lib/rack/handler/fastcgi.rb:57:in `serve'
    /Library/WebServer/RailsApps/redmine/vendor/rails/railties/lib/fcgi_handler.rb:103:in `process_request'
    /Library/WebServer/RailsApps/redmine/vendor/rails/railties/lib/fcgi_handler.rb:153:in `with_signal_handler
'
    /Library/WebServer/RailsApps/redmine/vendor/rails/railties/lib/fcgi_handler.rb:101:in `process_request'
    /Library/WebServer/RailsApps/redmine/vendor/rails/railties/lib/fcgi_handler.rb:78:in `process_each_request
'
    /Library/WebServer/RailsApps/redmine/vendor/rails/railties/lib/fcgi_handler.rb:77:in `each'
    /Library/WebServer/RailsApps/redmine/vendor/rails/railties/lib/fcgi_handler.rb:77:in `process_each_request
'
    /Library/WebServer/RailsApps/redmine/vendor/rails/railties/lib/fcgi_handler.rb:76:in `catch'
    /Library/WebServer/RailsApps/redmine/vendor/rails/railties/lib/fcgi_handler.rb:76:in `process_each_request
'
    /Library/WebServer/RailsApps/redmine/vendor/rails/railties/lib/fcgi_handler.rb:51:in `process!'
    /Library/WebServer/RailsApps/redmine/vendor/rails/railties/lib/fcgi_handler.rb:23:in `process!'
    /Library/WebServer/Documents/code/dispatch.fcgi:24
```

I've also gone through my entire system and removed all out-of-date versions of all of the implicated Ruby gems, just to make sure that this isn't a silly version conflict. I'm only running the bare minimum Ruby components to support Redmine now, and I'm still getting this error very consistently after 8-11 hours of continuous uptime.

#7 - 2011-08-24 18:36 - Etienne Massip

Do you use ruby-mysql AR adapter implementation?

If yes, try using mysql gem instead (https://github.com/tmtm/ruby-mysql/issues/5).

#8 - 2011-08-25 22:35 - Steve Voida

I'd tried the mysql gem, but it didn't seem to make any difference.

Yesterday, I tried the mysql2 adapter, and once I figured out that you had to change the adapter: specification in the database.yml file, everything has been running fast and with exceptional stability.

This issue should be closed, and I'll make an effort to tidy up the HowTos on the wiki to make the warning about the problems involved with using the default, single-threaded mysql adapter under OSX more prominent.

#9 - 2011-08-25 23:23 - Etienne Massip

- Status changed from Reopened to Closed