

Redmine - Defect #3295

Mysql database getting crashed(Internal Error)

2009-05-05 09:28 - Mannan Mohamed Abubackar

Status:	Closed	Start date:	2009-05-05
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Database	Estimated time:	0.00 hour
Target version:		Affected version:	0.8.3
Resolution:	Invalid		

Description

Dear All,

First, I started using redmine v 0.8.0 since last 4 months. Most of the time i received Internal error whenever i click any project after login to redmine. Sometimes, If i try click again on the specific project,then, it works fine. But, Its happening every day. Then, i read the redmine forum, Mr. Jean-Philippe Lang suggest to update settings.yml file under redmine directory. So last week, i upgraded with latest redmine v0.8.3 and everything was goes fine yesterday, but all of the sudden I get an internal error everytime whenever i click on any specific projects. On the background, i received **INNODB DB error** from mysql logs as summarized below,

InnoDB: Error: page n:o stored in the page read in is 2753267632, should be 1106!

InnoDB: Database page corruption on disk or a failed

InnoDB: file read of page 1106.

InnoDB: You may have to recover from a backup.

090505 9:14:49 InnoDB: Page dump in ascii and hex (16384 bytes):

len 16384; hex

f691ce33a41b87b0964eb1e0f80d0ab641b7dedef7daa7f1f98c36adbabf1e4d5ee4f48ae4e181cee561dc5b992024398dd6df19363fab
a7d1ac2e12d442a7

207f4240692729c5afe1e9bb08c944b2a0eb4f354aadb42178ee651f07b29939753f9d5a2ecbd76be96965e16dc76a1

len 16384; hex

f691ce33a41b87b0964eb1e0f80d0ab641b7dedef7daa7f1f98c36adbabf1e4d5ee4f48ae4e181cee561dc5b992024398dd6df19363fab
a7d1ac2e12d442a7

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6 d g , C 3 v h - # f S 6 l i Y j f ; 3 % & s j 0 & g e * ` M K F f : K v v 7 7 4 < - 3 " G 7 y z - 7 ? - a Q - q m a l e q O J t

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I D | e D N n] d x i V F ; InnoDB: End of page dump

090505 9:14:49 InnoDB: Page checksum 1874453672, prior-to-4.0.14-form checksum 4171692658

InnoDB: stored checksum 4136750643, prior-to-4.0.14-form stored checksum 1775741609

InnoDB: Page lsn 1102568158 4158302193, low 4 bytes of lsn at page end 1447491018

InnoDB: Page number (if stored to page already) 2753267632,

InnoDB: space id (if created with >= MySQL-4.1.1 and stored already) 4102743265

InnoDB: Database page corruption on disk or a failed

InnoDB: file read of page 1106.

InnoDB: You may have to recover from a backup.

InnoDB: It is also possible that your operating

InnoDB: system has corrupted its own file cache

InnoDB: and rebooting your computer removes the

InnoDB: error.

InnoDB: If the corrupt page is an index page

InnoDB: you can also try to fix the corruption
 InnoDB: by dumping, dropping, and reimporting
 InnoDB: the corrupt table. You can use CHECK
 InnoDB: TABLE to scan your table for corruption.
 InnoDB: See also InnoDB: <http://dev.mysql.com/doc/refman/5.0/en/forcing-recovery.html>
 InnoDB: about forcing recovery.
 InnoDB: Ending processing because of a corrupt database page.
 InnoDB: The log sequence number in ibdata files does not match
 InnoDB: the log sequence number in the ib_logfiles!
 090505 9:14:49 InnoDB: Database was not shut down normally!
 InnoDB: Starting crash recovery.
 InnoDB: Reading tablespace information from the .ibd files...
 InnoDB: Restoring possible half-written data pages from the doublewrite
 InnoDB: buffer...
 090505 9:14:49 InnoDB: Started; log sequence number 0 73461063
 090505 9:14:49 [Note] /usr/sbin/mysqld: ready for connections.
 Version: '5.0.67-0ubuntu6-log' socket: '/var/run/mysqld/mysqld.sock' port: 3306 (Ubuntu)
 InnoDB: Error: page n:o stored in the page read in is 2753267632, should be 1106!
 InnoDB: Database page corruption on disk or a failed
 InnoDB: file read of page 1106.
 InnoDB: You may have to recover from a backup.
 090505 9:14:59 InnoDB: Page dump in ascii and hex (16384 bytes):
 len 16384; hex
 f691ce33a41b87b0964eb1e0f80d0ab641b7dedef7daa7f1f98c36adbabf1e4d5ee4f48ae4e181cee561dc5b992024398dd6df19363fab
 a7d1ac2e12d442a7
 207f4240692729c5afe1e9bb08c944b2a0eb4f354aadb42178ee651f07b29939753f9d5a2ecbd76be96965e16dc76a10ab803d4f1aef2
 7ac022b2a0e483e36db6aae8a840b6283
 51b4de78aa87beacf

Redmine production error logs:

Processing ProjectsController#show (for X.X.X.X at 2009-05-05 10:11:30) [GET]
 Session ID: 50089cce93d100d2cc42f1aab8d12c98
 Parameters: {"action"=>"show", "id"=>"XYZ-projects", "controller"=>"projects"}

ActiveRecord::StatementInvalid (MySQL::Error: Lost connection to MySQL server during query: SELECT count(DISTINCT `issues`.id)
 AS count_all, tracker_id AS tracker_id FROM `issues` LEFT OUTER JOIN `projects` ON `projects`.id = `issues`.project_id LEFT
 OUTER JOIN `issue\_statuses` ON `issue\_statuses`.id = `issues`.status_id LEFT OUTER JOIN `trackers` ON `trackers`.id =
 `issues`.tracker_id WHERE ((projects.id = 35 OR projects.parent_id = 35)) AND (projects.status=1) GROUP BY tracker_id);
 /vendor/rails/activerecord/lib/active_record/connection_adapters/abstract_adapter.rb:147:in `log'
 /vendor/rails/activerecord/lib/active_record/connection_adapters/mysql_adapter.rb:302:in `execute'
 /vendor/rails/activerecord/lib/active_record/connection_adapters/mysql_adapter.rb:537:in `select'
 /vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/database_statements.rb:7:in
 `select_all_without_query_cache'
 /vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/query_cache.rb:59:in `select_all'
 /vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/query_cache.rb:80:in `cache_sql'
 /vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/query_cache.rb:59:in `select_all'
 /vendor/rails/activerecord/lib/active_record/calculations.rb:237:in `execute_grouped_calculation'
 /vendor/rails/activerecord/lib/active_record/calculations.rb:124:in `calculate'
 /vendor/rails/activerecord/lib/active_record/calculations.rb:122:in `catch'
 /vendor/rails/activerecord/lib/active_record/calculations.rb:122:in `calculate'
 /vendor/rails/activerecord/lib/active_record/calculations.rb:48:in `count'
 /app/controllers/projects_controller.rb:100:in `show'
 /app/models/issue.rb:262:in `visible_by'
 /vendor/rails/activerecord/lib/active_record/base.rb:1857:in `with_scope'
 /app/models/issue.rb:261:in `visible_by'
 /app/controllers/projects_controller.rb:96:in `show'
 /vendor/rails/actionpack/lib/action_controller/base.rb:1166:in `send'
 /vendor/rails/actionpack/lib/action_controller/base.rb:1166:in `perform_action_without_filters'
 /vendor/rails/actionpack/lib/action_controller/filters.rb:579:in `call_filters'
 /vendor/rails/actionpack/lib/action_controller/filters.rb:572:in `perform_action_without_benchmark'
 /vendor/rails/actionpack/lib/action_controller/benchmarking.rb:68:in `perform_action_without_rescue'
 /usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
 /vendor/rails/actionpack/lib/action_controller/benchmarking.rb:68:in `perform_action_without_rescue'
 /vendor/rails/actionpack/lib/action_controller/rescue.rb:201:in `perform_action_without_caching'
 /vendor/rails/actionpack/lib/action_controller/caching/sql_cache.rb:13:in `passenger_orig_perform_action'
 /vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/query_cache.rb:33:in `cache'
 /vendor/rails/activerecord/lib/active_record/query_cache.rb:8:in `cache'

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/vendor/rails/actionpack/lib/action_controller/caching/sql_cache.rb:12:in `passenger_orig_perform_action'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/railz/request_handler.rb:53:in `perform_action'
/vendor/rails/actionpack/lib/action_controller/base.rb:529:in `send'
/vendor/rails/actionpack/lib/action_controller/base.rb:529:in `process_without_filters'
/vendor/rails/actionpack/lib/action_controller/filters.rb:568:in `process_without_session_management_support'
/vendor/rails/actionpack/lib/action_controller/session_management.rb:130:in `process'
/vendor/rails/actionpack/lib/action_controller/base.rb:389:in `process'
/vendor/rails/actionpack/lib/action_controller/dispatcher.rb:149:in `handle_request'
/vendor/rails/actionpack/lib/action_controller/dispatcher.rb:107:in `dispatch'
/vendor/rails/actionpack/lib/action_controller/dispatcher.rb:104:in `synchronize'
/vendor/rails/actionpack/lib/action_controller/dispatcher.rb:104:in `dispatch'
/vendor/rails/actionpack/lib/action_controller/dispatcher.rb:120:in `dispatch CGI'
/vendor/rails/actionpack/lib/action_controller/dispatcher.rb:35:in `dispatch'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/railz/request_handler.rb:38:in `process_request'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/abstract_request_handler.rb:165:in `main_loop'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/railz/application_spawner.rb:321:in `start_request_handler'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/railz/application_spawner.rb:282:in `handle_spawn_application'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/utils.rb:163:in `safe_fork'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/utils.rb:161:in `fork'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/utils.rb:161:in `safe_fork'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/railz/application_spawner.rb:280:in `handle_spawn_application'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/utils.rb:163:in `safe_fork'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/utils.rb:161:in `fork'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/utils.rb:161:in `safe_fork'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/railz/application_spawner.rb:279:in `handle_spawn_application'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/abstract_server.rb:317:in `__send__'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/abstract_server.rb:317:in `main_loop'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/abstract_server.rb:168:in `start_synchronously'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/abstract_server.rb:135:in `start'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/abstract_server.rb:112:in `fork'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/abstract_server.rb:112:in `start'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/railz/application_spawner.rb:179:in `start'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/spawn_manager.rb:222:in `spawn_rails_application'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/spawn_manager.rb:217:in `synchronize'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/spawn_manager.rb:217:in `spawn_rails_application'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/spawn_manager.rb:126:in `spawn_application'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/spawn_manager.rb:251:in `handle_spawn_application'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/abstract_server.rb:317:in `__send__'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/abstract_server.rb:317:in `main_loop'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/lib/passenger/abstract_server.rb:168:in `start_synchronously'
/usr/lib/ruby/gems/1.8/gems/passenger-2.0.6/bin/passenger-spawn-server:46
```

Rendering /home/infra/www/redmine-0.8.3/public/500.html (500 Internal Server Error)

OS: UBUNTU 8.10

Mem: 4GB

Database: Mysql v 5.0.67

Rails 2.2.2

Apache 2.2.9

Ruby 1.8.7 =====

Guys, Your urgent help is highly appreciated to solve this issue. Please don't ignore and consider this issue for me, its very critical now.

History

#1 - 2009-05-05 16:41 - Mannan Mohamed Abubackar

Can somebody help this issue on urgent basis?. Everytime i am getting "Internal Error".

#2 - 2009-05-05 16:42 - Mannan Mohamed Abubackar

Mannan Mohamed Abubackar wrote:

Can somebody help to solve this issue on urgent basis?. Everytime i am getting "Internal Error".

#3 - 2009-05-05 18:32 - Divye Kapoor

- Status changed from New to Resolved
- Assignee deleted (Jean-Philippe Lang)

Mannan Mohamed Abubackar wrote:

Can somebody help this issue on urgent basis?. Everytime i am getting "Internal Error".

Its rather simple. You should atleast read the error messages once.

Just have a look at the following excerpt:
InnoDB: Database page corruption on disk or a failed
InnoDB: file read of page 1106.
InnoDB: You may have to >>>recover from a backup.<<<
...
InnoDB: It is also possible that your operating
InnoDB: system has corrupted its own file cache
InnoDB: and >>>rebooting your computer removes the
InnoDB: error.<<<
InnoDB: If the corrupt page is an index page
InnoDB: you can also try to fix the corruption
InnoDB: by >>>dumping, dropping, and reimporting
InnoDB: the corrupt table<<<. You can use >>>CHECK
InnoDB: TABLE to scan your table for corruption.<<<
InnoDB: See also >>>InnoDB: <http://dev.mysql.com/doc/refman/5.0/en/forcing-recovery.html> <<<
InnoDB: about forcing recovery.

Please try out the above - most importantly, recovering from a backup. Your database tables have been corrupted, it is not a Redmine issue.

#4 - 2009-05-05 18:49 - Divye Kapoor

You may also like a look at "mysqlcheck" for recovery.

mysqlcheck -u username -p -r TABLENAME

<http://dev.mysql.com/doc/refman/5.0/en/mysqlcheck.html>
www.vbulletin.com/forum/showthread.php?t=44909

#5 - 2009-05-06 06:14 - Eric Davis

- Category changed from Issues to Database
- Status changed from Resolved to Closed
- Resolution set to Invalid

Files

Error.JPG	33.8 KB	2009-05-05	Mannan Mohamed Abubackar
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