

Redmine - Defect #8182

SQLite3::CantOpenException: unable to open database file: DROP TABLE "issue_histories"

2011-04-19 02:28 - Jon Lambert

Status:	Closed	Start date:	2011-04-19
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Database	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Invalid		
Description			
Checked out current head...			
<pre>\$ svn co http://redmine.rubyforge.org/svn/trunk redmine ...snip... U redmine Checked out revision 5504.</pre>			
Ruby version:			
<pre>\$ ruby --version ruby 1.8.7 (2008-08-11 patchlevel 72) [i386-cygwin]</pre>			
Installed gems:			
<pre>\$ gem list *** LOCAL GEMS *** actionmailer (2.3.11, 2.3.5) actionpack (2.3.11, 2.3.5) activerecord (2.3.11, 2.3.5) activeresource (2.3.11, 2.3.5) activesupport (2.3.11, 2.3.5) cgi_multipart_eof_fix (2.5.0) daemons (1.1.2) fastthread (1.0.7) gem_plugin (0.2.3) i18n (0.4.2) mongrel (1.1.5) rack (1.1.2, 1.0.1) rails (2.3.11, 2.3.5) rake (0.8.7) rubygems-update (1.4.2) sqlite3 (1.3.3)</pre>			
database.yml contents:			
<pre>\$ cat config/database.yml production: adapter: sqlite3 database: db/prod.db development: adapter: sqlite3 database: db/dev.db test:</pre>			

```
adapter: sqlite3
database: db/test.db
```

Rails environment:

```
$ RAILS_ENV=production ruby script/about
Storing outgoing emails configuration in config/email.yml is deprecated. You should now store it in config/configuration.yml using the email_delivery setting.
About your application's environment
Ruby version          1.8.7 (i386-cygwin)
RubyGems version      1.4.2
Rack version          1.1.2
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
Application root      /c/www/redmine
Environment           production
Database adapter       sqlite3
Database schema version 0
```

Install step ok:

```
$ rake generate_session_store
(in /c/www/redmine)
```

Install step bombs:

```
$ RAILS_ENV=production rake db:migrate --trace
(in /c/www/redmine)
** Invoke db:migrate (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute db:migrate
== Setup: migrating =====
-- create_table("attachments", {:force=>true})
   -> 0.0060s
-- create_table("auth_sources", {:force=>true})
   -> 0.0020s
-- create_table("custom_fields", {:force=>true})
   -> 0.0030s
-- create_table("custom_fields_projects", {:force=>true, :id=>false})
   -> 0.0020s
-- create_table("custom_fields_trackers", {:force=>true, :id=>false})
   -> 0.0010s
-- create_table("custom_values", {:force=>true})
   -> 0.0020s
-- create_table("documents", {:force=>true})
   -> 0.0020s
-- add_index("documents", ["project_id"], {:name=>"documents_project_id"})
   -> 0.0000s
-- create_table("enumerations", {:force=>true})
   -> 0.0020s
-- create_table("issue_categories", {:force=>true})
   -> 0.0020s
-- add_index("issue_categories", ["project_id"], {:name=>"issue_categories_project_id"})
   -> 0.0010s
-- create_table("issue_histories", {:force=>true})
   -> 0.0030s
-- add_index("issue_histories", ["issue_id"], {:name=>"issue_histories_issue_id"})
   -> 0.0000s
-- create_table("issue_statuses", {:force=>true})
   -> 0.0010s
```

```

-- create_table("issues", {:force=>true})
-> 0.0040s
-- add_index("issues", ["project_id"], {:name=>"issues_project_id"})
-> 0.0010s
-- create_table("members", {:force=>true})
-> 0.0020s
-- create_table("news", {:force=>true})
-> 0.0030s
-- add_index("news", ["project_id"], {:name=>"news_project_id"})
-> 0.0000s
-- create_table("permissions", {:force=>true})
-> 0.0020s
-- create_table("permissions_roles", {:force=>true, :id=>false})
-> 0.0020s
-- add_index("permissions_roles", ["role_id"], {:name=>"permissions_roles_role_id"})
-> 0.0010s
-- create_table("projects", {:force=>true})
-> 0.0030s
-- create_table("roles", {:force=>true})
-> 0.0000s
-- create_table("tokens", {:force=>true})
-> 0.0030s
-- create_table("trackers", {:force=>true})
-> 0.0020s
-- create_table("users", {:force=>true})
-> 0.0040s
-- create_table("versions", {:force=>true})
-> 0.0050s
-- add_index("versions", ["project_id"], {:name=>"versions_project_id"})
-> 0.0010s
-- create_table("workflows", {:force=>true})
-> 0.0030s
== Setup: migrated (0.1540s) =====

== IssueMove: migrating =====
== IssueMove: migrated (0.0070s) =====

== IssueAddNote: migrating =====
== IssueAddNote: migrated (0.0070s) =====

== ExportPdf: migrating =====
== ExportPdf: migrated (0.0090s) =====

== IssueStartDate: migrating =====
-- add_column(:issues, :start_date, :date)
-> 0.0030s
-- add_column(:issues, :done_ratio, :integer, {:null=>false, :default=>0})
-> 0.0010s
== IssueStartDate: migrated (0.0050s) =====

== CalendarAndActivity: migrating =====
== CalendarAndActivity: migrated (0.0200s) =====

== CreateJournals: migrating =====
-- create_table(:journals, {:force=>true})
-> 0.0080s
-- create_table(:journal_details, {:force=>true})
-> 0.0030s
-- add_index("journals", ["journalized_id", "journalized_type"], {:name=>"journals_journalized_id"
})
-> 0.0010s
-- add_index("journal_details", ["journal_id"], {:name=>"journal_details_journal_id"})
-> 0.0010s
-- drop_table(:issue_histories)
rake aborted!
An error has occurred, this and all later migrations canceled:

```

```

SQLite3::CantOpenException: unable to open database file: DROP TABLE "issue_histories"
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract_adapter.rb:227:in `log'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/sqlite_adapter.rb:172:in `execute'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/sqlite_adapter.rb:418:in `catch_schema_changes'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/sqlite_adapter.rb:172:in `execute'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/schema_statements.rb:182:in `drop_table'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:352:in `send'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:352:in `method_missing'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:328:in `say_with_time'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:328:in `say_with_time'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:348:in `method_missing'
./db/migrate//007_create_journals.rb:37:in `up_without_benchmarks'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:282:in `send'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:282:in `migrate'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:282:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:365:in `__send__'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:365:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:491:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:565:in `call'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:565:in `ddl_transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/database_statements.rb:136:in `transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/transactions.rb:182:in `transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:565:in `ddl_transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:490:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:477:in `each'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:477:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:401:in `up'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:383:in `migrate'
/usr/lib/ruby/gems/1.8/gems/rails-2.3.11/lib/tasks/databases.rake:112
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:636:in `call'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:636:in `execute'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:631:in `each'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:631:in `execute'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:597:in `invoke_with_call_chain'
/usr/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:590:in `invoke_with_call_chain'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:583:in `invoke'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2051:in `invoke_task'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `top_level'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `each'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `top_level'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_exception_handling'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2023:in `top_level'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2001:in `run'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_exception_handling'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:1998:in `run'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/bin/rake:31
/usr/bin/rake:19:in `load'
/usr/bin/rake:19

```

Test of sqlite3-ruby installation...

```

$ cat testsql.rb
require 'rubygems'
require 'sqlite3'
require 'pp'

db = SQLite3::Database.new( "test.db" )

db.execute("create table t1(a, b, c)")
sql = <<SQL
  insert into t1 values ( 'one', 'two', 'foo' );
  insert into t1 values ( 'three', 'four', 'bar' );
  insert into t1 values ( 'five', 'six', 'baz' );
SQL
db.execute_batch( sql )
rows = db.execute( "select * from t1" )
pp rows

db.execute("create table t2(a, b)")
db.execute("insert into t2 select a,b from t1")
db.execute("drop table t1")
rows = db.execute2( "select * from t2" )
pp rows

$ ruby testsql.rb
[["one", "two", "foo"], ["three", "four", "bar"], ["five", "six", "baz"]]
[["a", "b"], ["one", "two"], ["three", "four"], ["five", "six"]]

$ sqlite3 test.db

SQLite version 3.7.3
Enter ".help" for instructions
Enter SQL statements terminated with a ";"
sqlite>
sqlite> .tables
t2
sqlite> .dump t2
PRAGMA foreign_keys=OFF;
BEGIN TRANSACTION;
CREATE TABLE t2(a, b);
INSERT INTO "t2" VALUES('one','two');
INSERT INTO "t2" VALUES('three','four');
INSERT INTO "t2" VALUES('five','six');
COMMIT;

```

See also issue [#8178](#)

Related issues:

Is duplicate of Redmine - Defect #8178: SQLite3::CantOpenException: unable to...

Closed

2011-04-18

History

#1 - 2011-04-19 09:30 - Etienne Massip

Do Redmine instance server running profile have write / delete access to your prod.db file and to the db directory containing the file ?

#2 - 2011-04-19 22:34 - Jon Lambert

There is no running server yet.

I have full access access.

I'm running the "RAILS_ENV=production rake db:migrate --trace" command.

#3 - 2011-04-19 23:37 - Etienne Massip

Truly odd ; if you don't want to loose time trying to solve this issue, simply comment the drop :issues_histories line in file 007_create_journals.rb and drop the table by hand.

#4 - 2011-04-20 03:39 - Jon Lambert

...

```
== CreateSettings: migrating =====
```

```
-- create_table(:settings, {:force=>true})
  -> 0.0000s
== CreateSettings: migrated (0.0000s) =====

== SetDocAndFilesNotifications: migrating =====
rake aborted!
An error has occurred, this and all later migrations canceled:

SQLite3::CantOpenException: unable to open database file: UPDATE "permissions" SET "mail_option" = 't' WHERE "
id" = 34
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract_adapter.rb:227:
in `log'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/sqlite_adapter.rb:172:in
`execute'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/sqlite_adapter.rb:418:in
`catch_schema_changes'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/sqlite_adapter.rb:172:in
`execute'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/database_statem
ents.rb:265:in `update_sql'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/sqlite_adapter.rb:176:in
`update_sql'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/database_statem
ents.rb:49:in `update_without_query_dirty'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/query_cache.rb:
19:in `update'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/base.rb:2936:in `update_without_lock'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/locking/optimistic.rb:81:in `update_without_
dirty'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/dirty.rb:146:in `update_without_timestamps'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/timestamp.rb:64:in `update_without_callbacks'
,
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/callbacks.rb:282:in `update'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/base.rb:2927:in `create_or_update_without_ca
llbacks'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/callbacks.rb:250:in `create_or_update'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/base.rb:2577:in `save_without_validation'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/validations.rb:1090:in `save_without_dirty'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/dirty.rb:79:in `save_without_transactions'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/transactions.rb:229:in `send'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/transactions.rb:229:in `with_transaction_ret
urning_status'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/database_statem
ents.rb:136:in `transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/transactions.rb:182:in `transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/transactions.rb:228:in `with_transaction_ret
urning_status'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/transactions.rb:196:in `save'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/transactions.rb:208:in `rollback_active_reco
rd_state!'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/transactions.rb:196:in `save'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/base.rb:2661:in `update_attribute'
./db/migrate//018_set_doc_and_files_notifications.rb:7:in `up_without_benchmarks'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:282:in `send'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:282:in `migrate'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:282:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:365:in `__send__'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:365:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:491:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:565:in `call'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:565:in `ddl_transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/connection_adapters/abstract/database_statem
ents.rb:136:in `transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/transactions.rb:182:in `transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:565:in `ddl_transaction'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:490:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:477:in `each'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:477:in `migrate'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:401:in `up'
/usr/lib/ruby/gems/1.8/gems/activerecord-2.3.11/lib/active_record/migration.rb:383:in `migrate'
/usr/lib/ruby/gems/1.8/gems/rails-2.3.11/lib/tasks/databases.rake:112
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:636:in `call'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:636:in `execute'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:631:in `each'
```

```

/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:631:in `execute'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:597:in `invoke_with_call_chain'
/usr/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:590:in `invoke_with_call_chain'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:583:in `invoke'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2051:in `invoke_task'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `top_level'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `each'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2029:in `top_level'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_exception_handling'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2023:in `top_level'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2001:in `run'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:2068:in `standard_exception_handling'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/lib/rake.rb:1998:in `run'
/usr/lib/ruby/gems/1.8/gems/rake-0.8.7/bin/rake:31
/usr/bin/rake:19:in `load'
/usr/bin/rake:19

```

It gets further and bombs in step 018.

#5 - 2011-04-26 10:41 - Etienne Massip

Does your permissions table has a mail_option column ?

#6 - 2011-04-27 02:31 - Jon Lambert

```

$ sqlite3 prod.db
sqlite> .schema permissions
CREATE TABLE "permissions" ("id" INTEGER PRIMARY KEY AUTOINCREMENT NOT NULL,
"controller" varchar(30) DEFAULT '' NOT NULL,
"action" varchar(30) DEFAULT '' NOT NULL, "description" varchar(60) DEFAULT '' NOT NULL,
"is_public" boolean DEFAULT 'f' NOT NULL, "sort" integer DEFAULT 0 NOT NULL,
"mail_option" boolean DEFAULT 'f' NOT NULL,
"mail_enabled" boolean DEFAULT 'f' NOT NULL);

```

Yes.

#7 - 2011-04-27 11:00 - Etienne Massip

Very weird issue, still looks like permission related, maybe something about the transaction journal created during the migration.

Could you run your migrations as su ?

#8 - 2011-04-28 05:49 - Jon Lambert

There is no superuser on Cygwin.

#9 - 2019-01-10 03:12 - Marius BĂLTEANU

- Status changed from New to Closed

- Resolution set to Invalid

I'm closing this ticket because is very old and almost sure obsolete. Please reopen if you experience the same issue on the latest Redmine versions.