

Redmine - Defect #8178

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

2011-04-18 19:23 - Jon Lambert

Status:	Closed	Start date:	2011-04-18
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Database	Estimated time:	0.00 hour
Target version:		Affected version:	1.1.2
Resolution:	Duplicate		
Description			
Failure in DB migration during installation			
About your application's environment			
Ruby version 1.8.7 (i386-cygwin)			
RubyGems version 1.4.2			
Rack version 1.0			
Rails version 2.3.5			
Active Record version 2.3.5			
Active Resource version 2.3.5			
Action Mailer version 2.3.5			
Active Support version 2.3.5			
Edge Rails revision unknown			
Application root /c/www/redmine-1.1.2			
Environment production			
Database adapter sqlite3			
Database schema version 6			
\$ sqlite3 --version			
3.7.3			
\$ gem list sqlite3			
• LOCAL GEMS ***			
sqlite3 (1.3.3)			
sqlite3-ruby (1.3.3, 1.3.2, 1.2.5)			
database.yml			
production:			
adapter: sqlite3			
database: db/prod.db			
development:			
adapter: sqlite3			
database: db/dev.db			
test:			
adapter: sqlite3			
database: db/test.db			
Error during migration:			
\$ RAILS_ENV=production rake db:migrate			
(in /c/www/redmine-1.1.2)			
Setup: migrating =====			
<snip>			
CreateJournals: migrating =====			
-- create_table(:journals, {:force=>true})			
➤0.0090s			
- create_table(:journal_details, {:force=>true})			
➤0.0050s			
- add_index("journals", ["journalized_id", "journalized_type"], {:name=>"journals_journalized_id"})			

```
>0.0010s
- add_index("journal_details", ["journal_id"], {:name=>"journal_details_journal_id"})
>0.0020s
- 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"
```

Related issues:

Has duplicate Redmine - Defect #8182: SQLite3::CantOpenException: unable to o...

Closed

2011-04-19

History

#1 - 2011-04-18 21:47 - Etienne Massip

What version are you migrating from ?

Check if you have such a `issue_histories` table in your db, and if not, create an empty one or simply remove temporarily the drop statement from the migration file (`db/migrate/007_create_journals.rb`) ?

And run rake command with `--trace` flag.

#2 - 2011-04-18 23:06 - Jon Lambert

I'm following the new installation instructions, not trying to update.

Before I issue the command...

```
RAILS_ENV=production rake db:migrate
```

...no prod.db exists.

After the the command crashes as above in the `007_create_journals.rb`, I examine the database with the `sqlite.exe` utility, I can verify there is indeed a `'issue_histories'` table. If I reissue the command...

```
RAILS_ENV=production rake db:migrate
```

... it restarts with `007_create_journals.rb` and fails again in the drop table code.

I can manually drop the table with the `sqlite.exe` utility, so that's not the problem.

Also I was not executing the `sqlite.exe` utility nor any other process that may have held the database open, so that's not the problem either.

#3 - 2011-04-18 23:10 - Jon Lambert

I'm following the new installation instructions, not trying to update.

Before I issue the command...

```
RAILS_ENV=production rake db:migrate
```

...no prod.db exists.

After the the command crashes as above in the `007_create_journals.rb`, I examine the database with the `sqlite.exe` utility, I can verify there is indeed a `'issue_histories'` table. If I reissue the command...

```
RAILS_ENV=production rake db:migrate
```

... it restarts with `007_create_journals.rb` and fails again in the drop table code.

I can manually drop the table with the `sqlite.exe` utility, so that's not the problem.

Also I was not executing the `sqlite.exe` utility nor any other process that may have held the database open, so that's not the problem either.

Deleting the `prod.db` database and rerunning with `--trace`

Here's the output.

```
$ RAILS_ENV=production rake db:migrate --trace
(in /c/www/redmine-1.1.2)
** Invoke db:migrate (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute db:migrate
== Setup: migrating =====
```

```

-- create_table("attachments", {:force=>true})
-> 0.1290s
-- 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})
-> 0.0010s
-- create_table("custom_fields_trackers", {:force=>true, :id=>false})
-> 0.0020s
-- create_table("custom_values", {:force=>true})
-> 0.0020s
-- create_table("documents", {:force=>true})
-> 0.0030s
-- add_index("documents", ["project_id"], {:name=>"documents_project_id"})
-> 0.0010s
-- create_table("enumerations", {:force=>true})
-> 0.0010s
-- create_table("issue_categories", {:force=>true})
-> 0.0010s
-- add_index("issue_categories", ["project_id"], {:name=>"issue_categories_project_id"})
-> 0.0010s
-- create_table("issue_histories", {:force=>true})
-> 0.0020s
-- add_index("issue_histories", ["issue_id"], {:name=>"issue_histories_issue_id"})
-> 0.0010s
-- create_table("issue_statuses", {:force=>true})
-> 0.0020s
-- create_table("issues", {:force=>true})
-> 0.0050s
-- add_index("issues", ["project_id"], {:name=>"issues_project_id"})
-> 0.0000s
-- create_table("members", {:force=>true})
-> 0.0030s
-- create_table("news", {:force=>true})
-> 0.0030s
-- add_index("news", ["project_id"], {:name=>"news_project_id"})
-> 0.0000s
-- create_table("permissions", {:force=>true})
-> 0.1350s
-- 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})
-> 0.0040s
-- create_table("roles", {:force=>true})
-> 0.0030s
-- create_table("tokens", {:force=>true})
-> 0.0020s
-- create_table("trackers", {:force=>true})
-> 0.0020s
-- create_table("users", {:force=>true})
-> 0.0050s
-- create_table("versions", {:force=>true})
-> 0.0030s
-- add_index("versions", ["project_id"], {:name=>"versions_project_id"})
-> 0.0010s
-- create_table("workflows", {:force=>true})
-> 0.0030s
== Setup: migrated (0.4130s) =====

== IssueMove: migrating =====
== IssueMove: migrated (0.0130s) =====

== IssueAddNote: migrating =====
== IssueAddNote: migrated (0.0050s) =====

== ExportPdf: migrating =====
== ExportPdf: migrated (0.0080s) =====

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

```

```

-> 0.0010s
== IssueStartDate: migrated (0.0040s) =====

== CalendarAndActivity: migrating =====
== CalendarAndActivity: migrated (0.0190s) =====

== CreateJournals: migrating =====
-- create_table(:journals, {:force=>true})
-> 0.0070s
-- create_table(:journal_details, {:force=>true})
-> 0.0030s
-- add_index("journals", ["journalized_id", "journalized_type"], {:name=>"journals_journalized_id"})
-> 0.0030s
-- 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"
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract_adapter.rb:219:in `log'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/connection_adapters/sqlite_adapter.rb:172:in `execute'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/connection_adapters/sqlite_adapter.rb:417:in `catch_schema_changes'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/connection_adapters/sqlite_adapter.rb:172:in `execute'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/schema_statements.rb:187:in `drop_table'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:352:in `send'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:352:in `method_missing'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:328:in `say_with_time'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:328:in `say_with_time'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:348:in `method_missing'
./db/migrate/007_create_journals.rb:37:in `up_without_benchmarks'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `send'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `migrate'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `migrate'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `__send__'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `migrate'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:486:in `migrate'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:560:in `call'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:560:in `ddl_transaction'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/database_statements.rb:136:in `transaction'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/transactions.rb:182:in `transaction'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:560:in `ddl_transaction'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:485:in `migrate'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:472:in `each'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:472:in `migrate'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:400:in `up'
/c/www/redmine-1.1.2/vendor/rails/activerecord/lib/active_record/migration.rb:383:in `migrate'
/c/www/redmine-1.1.2/vendor/rails/railties/lib/tasks/databases.rake:116
/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'

```

#4 - 2011-04-19 00:06 - jkjkhi gtyuyu

Jon Lambert wrote:

Failure in DB migration during installation

About your application's environment

```
Ruby version      1.8.7 (i386-cygwin)
RubyGems version  1.4.2
Rack version      1.0
Rails version     2.3.5
Active Record version 2.3.5
Active Resource version 2.3.5
Action Mailer version 2.3.5
Active Support version 2.3.5
Edge Rails revision unknown
Application root  /c/www/redmine-1.1.2
Environment      production
Database adapter  sqlite3
Database schema version 6
```

```
$ sqlite3 --version
3.7.3
```

```
$ gem list sqlite3
```

- LOCAL GEMS ***
 sqlite3 (1.3.3)
 sqlite3-ruby (1.3.3, 1.3.2, 1.2.5)

```
database.yml
production:
  adapter: sqlite3
  database: db/prod.db
```

```
development:
  adapter: sqlite3
  database: db/dev.db
```

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

Error during migration:

```
$ RAILS_ENV=production rake db:migrate
(in /c/www/redmine-1.1.2)
Setup: migrating =====
<snip>
CreateJournals: migrating =====
-- create_table(:journals, {:force=>true})
>0.0000s
- create_table(:journal_details, {:force=>true})
>0.0050s
- add_index("journals", ["journalized_id", "journalized_type"], {:name=>"journals_journalized_id"})
>0.0010s
- add_index("journal_details", ["journal_id"], {:name=>"journal_details_journal_id"})
>0.0020s
- 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"
```

ssssss

#5 - 2011-04-19 01:34 - Jon Lambert

Interesting post above. Do you have problems with bots using redmine? :-)

Anyway I've hopefully verified that the problem is not with my ruby or sqlite3-ruby installation with the following test:

```

$ 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"]]

```

That ought to narrow the problem down to either ActiveRecord or Redmine, no?

#6 - 2011-04-19 09:24 - Etienne Massip

- *Status changed from New to Closed*

- *Resolution set to Duplicate*

Closed as duplicated by [#8182](#).