Foreman - Bug #1545

Rails DB migration fails on PosgreSQL 9.1

03/22/2012 07:53 AM - Rytis Sileika

Status:	Duplicate		
Priority:	Normal		
Assignee:			
Category:			
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

My setup:

- OS: RHEL5.7
- DB: PostgreSQL
- Puppet: 2.7.11
- Foreman: 0.5 dev branch

When following instructions on http://theforeman.org/projects/foreman/wiki/Installing_latest_code to migrate DB, I discovered that a number of migration tasks are failing.

Some examples: http://pastie.org/3646861, http://pastie.org/3646935.

Running the same migration on SQLite DB does not cause any problems.

Related issues:

Has duplicate Foreman - Bug #1568: PG::Error on fresh install	**Closed**	**04/04/2012**

History

#1 - 03/22/2012 08:33 AM - Rytis Sileika

OK, this doesn't seem to be related to the DB type.

I installed MySQL, and pointed puppet at it. Puppet created all of its tables. Then I ran Foreman migration - same failures.

Dropped all tables in the Puppet DB, ran Foreman migration - no problems. Started puppet - seems to be working ok.

#2 - 03/22/2012 09:36 AM - Rytis Sileika

Sorry, wrong Puppet version, I'm using 2.7.12-1

#3 - 03/22/2012 09:56 AM - Rytis Sileika

More info:

PostgreSQL still doesn't work - same problem, even though I dropped all the tables before trying to migrate. It fails at the same tasks.

Just to reiterate - same problem happened with MySQL, when Puppet had already created its tables, dropping tables and running Rails migration fixed the issue on MySQL (but not on PGSQL)

#4 - 03/22/2012 02:37 PM - Ohad Levy

- Target version set to 1.0

Rytis Sileika wrote:

> More info:
>
> PostgreSQL still doesn't work - same problem, even though I dropped all the tables before trying to migrate. It fails at the same tasks.

Just to reiterate - same problem happened with MySQL, when Puppet had already created its tables, dropping tables and running Rails migration fixed the issue on MySQL (but not on PGSQL)

oh, your second trace actually shows that the audit system complains..

can you try the following, simply remove all the places where it has something like Medium.create, Ptable.create etc and try again?

#5 - 03/26/2012 05:16 AM - Rytis Sileika

Just tried it from scratch...

The first migration it fails on is: db/migrate/20090717025820_create_media.rb
Commenting out Medium.create 'fixes' it.

It then fails on db/migrate/20090730152224_create_ptables.rb
Commenting out Ptable.create 'fixes' it.

Next it fails on db/migrate/20100310080727_add_family_to_os.rb
Not too sure what to remove from it though, as it seems to be failing on OS select, I might be wrong though, here's the stack trace:

1. RAILS_ENV=production bundle exec rake db:migrate --trace
   /opt/foreman/vendor/ruby/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:10: warning: already initialized constant ENC_NONE
   /opt/foreman/vendor/ruby/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:11: warning: already initialized constant ENC_EUC
   /opt/foreman/vendor/ruby/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:12: warning: already initialized constant ENC_SJIS
   /opt/foreman/vendor/ruby/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:13: warning: already initialized constant ENC_UTF8
   - Invoke db:migrate (first_time)
   - Invoke environment (first_time)
   - Execute environment
   - Execute db:migrate
     AddFamilyToOs: migrating ===
     -- add_column(:operatingsystems, :family_id, :integer)
     -> 0.0015s
     rake aborted!
     An error has occurred, this and all later migrations canceled:

PG::Error: ERROR: current transaction is aborted, commands ignored until end of transaction block
: SELECT "operatingsystems".* FROM "operatingsystems" ORDER BY LOWER
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/connection_adapters/abstract_adapter.rb:207:in `log'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/connection_adapters/postgresql_adapter.rb:514:in `execute'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/connection_adapters/postgresql_adapter.rb:1004:in `select_raw'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/connection_adapters/postgresql_adapter.rb:997:in `select'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/connection_adapters/abstract/database_statements.rb:7:in `select_all'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/connection_adapters/abstract/query_cache.rb:56:in `select_all'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/base.rb:473:in `find_by_sql'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/relation.rb:64:in `to_a'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/relation/finder_methods.rb:143:in `all'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/base.rb:444:in `__send__'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/base.rb:444:in `all'
/opt/foreman/db/migrate/20100310080727_add_family_to_os.rb:7:in `up_without_benchmarks'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:314:in `send'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:314:in `migrate'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:314:in `migrate'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:397:in `__send__'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:397:in `migrate'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:539:in `migrate'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:613:in `call'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:613:in `ddl_transaction'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/connection_adapters/abstract/database_statements.rb:139:in `transaction'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/transactions.rb:207:in `transaction'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:613:in `ddl_transaction'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:538:in `migrate'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:525:in `each'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:525:in `migrate'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:435:in `up'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/migration.rb:417:in `migrate'
/opt/foreman/vendor/ruby/1.8/gems/activerecord-3.0.10/lib/active_record/railties/databases.rake:151
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `call'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `execute'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `each'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `execute'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:158:in `invoke_with_call_chain'
/usr/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:151:in `invoke_with_call_chain'

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/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:144:in `invoke'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:116:in `invoke_task'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `each'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_exception_handling'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:88:in `top_level'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:66:in `run'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_exception_handling'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:63:in `run'
/opt/foreman/vendor/ruby/1.8/gems/rake-0.9.2.2/bin/rake:33
/opt/foreman/vendor/ruby/1.8/bin/rake:19:in `load'
/opt/foreman/vendor/ruby/1.8/bin/rake:19
Tasks: TOP => db:migrate
```

#6 - 05/02/2012 08:11 AM - Ohad Levy

- Status changed from New to Duplicate

- Target version deleted (1.0)