

Foreman - Bug #2377

postgresql migrations are currently failing

04/05/2013 12:28 PM - Greg Sutcliffe

Status:	Closed	
Priority:	High	
Assignee:		
Category:	DB migrations	
Target version:	1.2.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:		

Description

Currently both myself and Lukas are seeing failures on Postgresql, which look like this:

```
== AddSuseTemplates: migrating =====
-- Failed to migrate PG::Error: ERROR: column "operatingsystem_id" of relation "media" does not exist
LINE 1: INSERT INTO "media" ("created_at", "name", "operatingsystem_...
                                     ^
: INSERT INTO "media" ("created_at", "name", "operatingsystem_id", "path", "updated_at") VALUES ($
1, $2, $3, $4, $5) RETURNING "id"
== AddSuseTemplates: migrated (0.2182s) =====
```

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 attr.attname
  FROM pg_attribute attr
  INNER JOIN pg_constraint cons ON attr.attrelid = cons.conrelid AND attr.attnum = cons.conkey[1]
  WHERE cons.contype = 'p'
  AND cons.conrelid = '"schema_migrations"'::regclass
/tmp/foreman/vendorgems/ruby/1.8/gems/activerecord-3.2.13/lib/active_record/connection_adapters/postgresql_adapter.rb:1161:in `async_exec'
```

Git bisecting shows the Rails 3.2 commit is at fault, so I'm not sure how Jenkins is passing tests at the moment. I can't track down what's causing it - the Suse Migration in the error is quite complex, so I assume it relied on something Rails 3.0 specific...

Associated revisions

Revision 2c0ab9be - 04/09/2013 04:04 PM - Dominic Cleal

fixes #2377 - refresh column info after editing Medium

Fixes error in 20110725142054_add_suse_templates referencing non-existent operatingsystem_id column.

History

#1 - 04/06/2013 06:03 AM - Ohad Levy

I blame this line:

<https://github.com/foreman/foreman/commit/feacea35f07f362d9e2c694a83516bbc902321a0#L127L3>

Originally I had no idea why this change was required, but according to @Amos, this fixed another failure in pg.

can you try reverting that and see if it solves the issue?

#2 - 04/07/2013 07:33 AM - Greg Sutcliffe

Sadly no, it doesn't fix the problem. Exactly the same error.

#3 - 04/08/2013 07:45 AM - Dominic Cleal

- *Status changed from New to Ready For Testing*

<https://github.com/foreman/foreman/pull/512>

Even if you were a SQLite user, you'd see a log message due to the rescue block in this migration as AR was still thinking that the `operatingsystem_id` field was present in the media table. For some reason, PostgreSQL wasn't hitting the rescue block (maybe the error was thrown in a transaction commit?).

I think the reason this didn't occur on Jenkins was some change in behaviour when under the test environment. I don't see AR "create" calls happening in migrations (could this be a Rails optimisation as fixtures are used instead?), so the line causing the problem never caused an INSERT statement. I think I'll change Jenkins to migrate in the development environment and then we'll rely on schema loading for test.

#4 - 04/09/2013 05:28 PM - Dominic Cleal

- *Status changed from Ready For Testing to Closed*

- *% Done changed from 0 to 100*

Applied in changeset [2c0ab9be301c3d66296cc59ab3159cbc6e8e78b6](#).

#5 - 04/22/2013 01:15 PM - Dominic Cleal

Jenkins config has been changed to run the migrate in the development env instead, which now picks up this error and class of bug.