Foreman - Bug #23698

prod2dev rake task will not successfully migrate PostgreSQL to MySQL

05/25/2018 06:10 AM - John Stewart

Status:	Rejected		
Priority:	Normal		
Assignee:			
Category:	DB migrations		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:	No	**Found in Releases:**	1.15.6
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

Please add in capability of considering and ignoring duplicate rows so the prod2dev task will work in the direction of PostgreSQL -> MySQL.

foreman002 httpd [useast2.rentpath] # foreman-rake db:convert:prod2dev
Converting audits...4599 records converted in 15.22692956 seconds
Converting domains...10 records converted in 0.169979208 seconds
Converting compute_profiles...3 records converted in 0.117124208 seconds
Converting auth_sources...3 records converted in 0.145043787 seconds
Converting cached_user_roles...20 records converted in 0.218257167 seconds
Converting cached_usergroup_members...0 records converted in 0.038838758 seconds
Converting architectures...2 records converted in 0.112422358 seconds
Converting bookmarks...14 records converted in 0.177040533 seconds
Converting config_group_classes...0 records converted in 0.041562962 seconds
Converting config_groups...0 records converted in 0.122073347 seconds
Converting compute_resources...0 records converted in 0.042297699 seconds
Converting compute_attributes...0 records converted in 0.042416405 seconds
Converting fact_names...rake aborted!
ActiveRecord::RecordNotUnique: Mysql2::Error: Duplicate entry '62861' for key 'PRIMARY': INSERT INTO `fact_names` (`id`, `name`, `updated_at`, `created_at`, `short_name`, `type`, `ancestry`) VALUES (62861, 'moun tpoints::/var/lib/docker/containers/15d58d8ddb70da1c3b058280f720f90be532e9de670363d694ec3599839fb7aa/mounts::options', '2018-04-18 18:28:53', '2018-04-18 18:28:53', 'options', 'PuppetFactName', '120/62855')
/opt/theforeman/tfm/root/usr/share/gems/gems/mysql2-0.4.5/lib/mysql2/client.rb:120:in `_query'
/opt/theforeman/tfm/root/usr/share/gems/gems/mysql2-0.4.5/lib/mysql2/client.rb:120:in `block in query'
/opt/theforeman/tfm/root/usr/share/gems/gems/mysql2-0.4.5/lib/mysql2/client.rb:119:in `handle_interrupt'
/opt/theforeman/tfm/root/usr/share/gems/gems/mysql2-0.4.5/lib/mysql2/client.rb:119:in `query'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/abstract_mysql_adapter.rb:305:in `block in execute'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/abstract_adapter.rb:472:in `block in log'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/notifications/instrumenter.rb:20:in `instrument'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/abstract_adapter.rb:466:in `log'
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/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/mysql2_adapter.rb:231:in `execute'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/mysql2_adapter.rb:248:in `exec_insert'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/abstract/database_statements.rb:108:in `insert'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/abstract/query_cache.rb:14:in `insert'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/relation.rb:64:in `insert'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/persistence.rb:524:in `_create_record'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/counter_cache.rb:139:in `_create_record'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/locking/optimistic.rb:75:in `_create_record'

/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/attribute_methods/dirty.rb:133:in `_create_record'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.rb:306:in `block in *create_record*'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.rb:88:in `_run_callbacks__'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.rb:778:in `_run_create_callbacks'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.rb:306:in `_create_record'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/timestamp.rb:57:in `_create_record'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/persistence.rb:504:in `create_or_update'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.rb:302:in `block in create_or_update'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.rb:88:in `__run_callbacks__'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.rb:778:in `_run_save_callbacks'
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/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/persistence.rb:120:in `save'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/validations.rb:37:in `save'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/attribute_methods/dirty.rb:21:in `save'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions.rb:286:in `block (2 levels) in save'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions.rb:351:in `block in with_transaction_returning_status'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/abstract/database_statements.rb:211:in `transaction'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions.rb:220:in `transaction'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions.rb:348:in `with_transaction_returning_status'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions.rb:286:in `block in save'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions.rb:301:in `rollback_active_record_state!'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions.rb:285:in `save'
/usr/share/foreman/lib/tasks/convert.rake:140:in `block (6 levels) in <top (required)>'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/relation/delegation.rb:46:in `each'
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/usr/share/foreman/lib/tasks/convert.rake:125:in `block (5 levels) in <top (required)>'
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/usr/share/foreman/lib/tasks/convert.rake:124:in `block (4 levels) in <top (required)>'
/usr/share/foreman/lib/tasks/convert.rake:83:in `each'
/usr/share/foreman/lib/tasks/convert.rake:83:in `block (3 levels) in <top (required)>'
Tasks: TOP => db:convert:prod2dev
(See full trace by running task with --trace)
```

History

#1 - 05/25/2018 06:50 AM - John Stewart

- Category set to DB migrations

#2 - 11/13/2019 08:51 AM - Tomer Brisker

- Status changed from New to Rejected

Foreman is dropping support for MySQL database - see https://community.theforeman.org/t/rfc-dropping-support-for-mysql/14185 for further details. Closing this issue.