

Foreman - Support #1550

Migration from v 0.1.5 to latest 0.4 fails

03/26/2012 08:56 AM - Ky Zh

Status: Resolved	
Priority: Normal	
Assignee:	
Category:	
Target version: 1.1	
Triaged:	Found in Releases:
Fixed in Releases:	

Description

We are running an antic version of Foreman (0.1.5 ?).
I'm now trying to my historical data from it into a newly installed 0.4

So far i exported my data [1] , imported it back [2] on an other box
Then i run the with the instruction [4].

On the "RAILS_ENV=production rake db:migrate" step, the rake job failed [4]
I also included the tables [5] diff existing between 0.1.5 and 0.4.0 (from our testing environment)

I will try to reproduce once again to catch the --trace the first time around

Other relevant informations:

ruby -v ruby 1.8.7 (2011-02-18 patchlevel 334) [x86_64-linux], MBARI 0x6770, Ruby Enterprise Edition 2011.03

[1] mysqldump -u root -p puppet > /var/satellite/puppetdb.sql

[2] mysql -u root -p puppet < /home/florentin.raud/puppet.sql

[3] http://theforeman.org/projects/foreman/wiki/Upgrade_instructions

[4] RAILS_ENV=production rake db:migrate

WARNING: 'require 'rake/rdoctask' is deprecated. Please use 'require 'rdoc/task' (in RDoc 2.4.2+)' instead.

at /opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/rdoctask.rb

SimplifyParameters: migrating =====

-- remove_index(:parameters, [:host_id, :type])

➤ 0.0569s

- remove_index(:parameters, [:hostgroup_id, :type])

➤ 0.0080s

- remove_index(:parameters, [:domain_id, :type])

➤ 0.0026s

- rename_column(:parameters, :host_id, :reference_id)

➤ 0.0741s

- add_index(:parameters, [:reference_id, :type])

-> 0.0028s

rake aborted!

An error has occurred, all later migrations canceled:

undefined method `priority=' for #<GroupParameter:0x1c9cc2e8>

Tasks: TOP => db:migrate

(See full trace by running task with --trace)

1. Yet another run

```
[foreman@host /opt/foreman]$ RAILS_ENV=production rake db:migrate --trace
```

WARNING: 'require 'rake/rdoctask' is deprecated. Please use 'require 'rdoc/task' (in RDoc 2.4.2+)' instead.

at /opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/rdoctask.rb

- Invoke db:migrate (first_time)
- Invoke environment (first_time)
- Execute environment
- Execute db:migrate

SimplifyParameters: migrating =====

```
-- remove_index(:parameters, [:host_id, :type])
>0.0004s
- remove_index(:parameters, [:hostgroup_id, :type])
>0.0002s
- remove_index(:parameters, [:domain_id, :type])
>0.0002s
- rename_column(:parameters, :host_id, :reference_id)
rake aborted!
An error has occurred, all later migrations canceled:
```

```
No such column: parameters.host_id
/opt/foreman/vendor/rails/activerecord/lib/active_record/connection_adapters/mysql_adapter.rb:530:in `rename_column'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:352:in `send'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:352:in `method_missing'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:328:in `say_with_time'
/opt/ruby-enterprise-1.8.7/lib/ruby/1.8/benchmark.rb:293:in `measure'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:328:in `say_with_time'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:348:in `method_missing'
./db/migrate//20100525094200_simplify_parameters.rb:7:in `up_without_benchmarks'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `send'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `migrate'
/opt/ruby-enterprise-1.8.7/lib/ruby/1.8/benchmark.rb:293:in `measure'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `__send__'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:491:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:567:in `call'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:567:in `ddl_transaction'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:490:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:477:in `each'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:477:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:401:in `up'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:383:in `migrate'
/opt/foreman/vendor/rails/railties/lib/tasks/databases.rake:112
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `call'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `execute'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `each'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `execute'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:158:in `invoke_with_call_chain'
/opt/ruby-enterprise-1.8.7/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:151:in `invoke_with_call_chain'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:144:in `invoke'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:116:in `invoke_task'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `each'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_exception_handling'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:88:in `top_level'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:66:in `run'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_exception_handling'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:63:in `run'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/bin/rake:33
/opt/ruby-enterprise-1.8.7/bin/rake:19:in `load'
/opt/ruby-enterprise-1.8.7/bin/rake:19
Tasks: TOP => db:migrate
```

```
[5] mysqldump --no-data --tables --create-options -u root --databases puppet
```

Associated revisions

Revision 0b6d53d6 - 11/11/2012 04:10 AM - Unknown

fixes #1550 : Test existence before removing index and column.

In case where reference_id exist, but domain_id, hostgroup_id, domain_id don't, migration should'nt fail

History

#1 - 03/26/2012 09:07 AM - Ky Zh

I deleted the DB, re-imported my old DB and did "RAILS_ENV=production rake db:migrate --trace".
WARNING: 'require 'rake/rdoctask' is deprecated. Please use 'require 'rdoc/task' (in RDoc 2.4.2+)' instead.
at /opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/rdoctask.rb

- Invoke db:migrate (first_time)
 - Invoke environment (first_time)
 - Execute environment
 - Execute db:migrate
- ```
SimplifyParameters: migrating =====
-- remove_index(:parameters,[:host_id,:type])
>0.0286s
- remove_index(:parameters,[:hostgroup_id,:type])
>0.0032s
- remove_index(:parameters,[:domain_id,:type])
>0.0031s
- rename_column(:parameters,:host_id,:reference_id)
>0.0726s
- add_index(:parameters,[:reference_id,:type])
-> 0.0185s
rake aborted!
An error has occurred, all later migrations canceled:
```

```
undefined method `priority=' for #<GroupParameter:0xb203bd0>
/opt/foreman/vendor/rails/activerecord/lib/active_record/attribute_methods.rb:255:in `method_missing'
/opt/foreman/app/models/parameter.rb:16:in `after_initialize'
/opt/foreman/vendor/rails/activerecord/lib/active_record/callbacks.rb:347:in `send'
/opt/foreman/vendor/rails/activerecord/lib/active_record/callbacks.rb:347:in `callback'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:1691:in `send'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:1691:in `instantiate_without_polymorphic_checks'
/opt/foreman/vendor/plugins/has_many_polymorphs/lib/has_many_polymorphs/base.rb:52:in `instantiate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:665:in `find_by_sql'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:665:in `collect!'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:665:in `find_by_sql'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:1582:in `find_every'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:619:in `find'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:639:in `all'
./db/migrate//20100525094200_simplify_parameters.rb:13:in `up_without_benchmarks'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `send'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `migrate'
/opt/ruby-enterprise-1.8.7/lib/ruby/1.8/benchmark.rb:293:in `measure'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `__send__'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:491:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:567:in `call'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:567:in `ddl_transaction'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:490:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:477:in `each'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:477:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:401:in `up'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:383:in `migrate'
/opt/foreman/vendor/rails/railties/lib/tasks/databases.rake:112
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `call'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `execute'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `each'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `execute'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:158:in `invoke_with_call_chain'
/opt/ruby-enterprise-1.8.7/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:151:in `invoke_with_call_chain'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:144:in `invoke'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:116:in `invoke_task'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `each'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_exception_handling'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:88:in `top_level'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:66:in `run'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_exception_handling'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:63:in `run'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/bin/rake:33
/opt/ruby-enterprise-1.8.7/bin/rake:19:in `load'
/opt/ruby-enterprise-1.8.7/bin/rake:19
Tasks: TOP => db:migrate
```

## #2 - 03/26/2012 09:09 AM - Ohad Levy

if you rename db/migrate/20110327123639\_add\_priority\_to\_parameter.rb to be a lower number then db/migrate/20100525094200\_simplify\_parameters.rb, does it work?

## #3 - 03/26/2012 09:38 AM - Ky Zh

```
[foreman@host /opt/foreman/db/migrate]$ mv {20110327123639,20100525094100}_add_priority_to_parameter.rb
WARNING: 'require 'rake/rdoctask' is deprecated. Please use 'require 'rdoc/task' (in RDoc 2.4.2+)' instead.
at /opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/rdoctask.rb
```

- Invoke db:migrate (first\_time)
  - Invoke environment (first\_time)
  - Execute environment
  - Execute db:migrate
- ```
AddPriorityToParameter: migrating =====
-- add_column(:parameters, :priority, :integer)
-> 0.0064s
AddPriorityToParameter: migrated (0.1078s) =====
```

```
SimplifyParameters: migrating =====
-- remove_index(:parameters, [:host_id, :type])
> 0.0037s
- remove_index(:parameters, [:hostgroup_id, :type])
> 0.0033s
- remove_index(:parameters, [:domain_id, :type])
> 0.0025s
- rename_column(:parameters, :host_id, :reference_id)
> 0.0038s
- add_index(:parameters, [:reference_id, :type])
-> 0.0028s
rake aborted!
An error has occurred, all later migrations canceled:
```

```
unknown attribute: comment
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:2918:in `assign_attributes'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:2914:in `each'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:2914:in `assign_attributes'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:2787:in `attributes='
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:2477:in `initialize'
/opt/foreman/vendor/rails/activerecord/lib/active_record/reflection.rb:162:in `new'
/opt/foreman/vendor/rails/activerecord/lib/active_record/reflection.rb:162:in `build_association'
/opt/foreman/vendor/rails/activerecord/lib/active_record/associations/association_collection.rb:467:in `create_record'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:2182:in `with_scope'
/opt/foreman/vendor/rails/activerecord/lib/active_record/associations/association_collection.rb:466:in `send'
/opt/foreman/vendor/rails/activerecord/lib/active_record/associations/association_collection.rb:466:in `create_record'
/opt/foreman/vendor/rails/activerecord/lib/active_record/associations/association_collection.rb:246:in `create'
/opt/foreman/vendor/plugins/acts_as_audited/lib/acts_as_audited.rb:252:in `write_audit'
/opt/foreman/vendor/plugins/acts_as_audited/lib/acts_as_audited.rb:241:in `audit_update'
/opt/foreman/vendor/rails/activesupport/lib/active_support/callbacks.rb:178:in `send'
/opt/foreman/vendor/rails/activesupport/lib/active_support/callbacks.rb:178:in `evaluate_method'
/opt/foreman/vendor/rails/activesupport/lib/active_support/callbacks.rb:166:in `call'
/opt/foreman/vendor/rails/activesupport/lib/active_support/callbacks.rb:93:in `run'
/opt/foreman/vendor/rails/activesupport/lib/active_support/callbacks.rb:92:in `each'
/opt/foreman/vendor/rails/activesupport/lib/active_support/callbacks.rb:92:in `send'
/opt/foreman/vendor/rails/activesupport/lib/active_support/callbacks.rb:92:in `run'
/opt/foreman/vendor/rails/activesupport/lib/active_support/callbacks.rb:276:in `run_callbacks'
/opt/foreman/vendor/rails/activerecord/lib/active_record/callbacks.rb:344:in `callback'
/opt/foreman/vendor/rails/activerecord/lib/active_record/callbacks.rb:281:in `update'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:2927:in `create_or_update_without_callbacks'
/opt/foreman/vendor/rails/activerecord/lib/active_record/callbacks.rb:250:in `create_or_update'
/opt/foreman/vendor/rails/activerecord/lib/active_record/base.rb:2577:in `save_without_validation'
/opt/foreman/vendor/rails/activerecord/lib/active_record/validations.rb:1090:in `save_without_dirty'
/opt/foreman/vendor/rails/activerecord/lib/active_record/dirty.rb:79:in `save_without_transactions'
/opt/foreman/vendor/rails/activerecord/lib/active_record/transactions.rb:229:in `send'
/opt/foreman/vendor/rails/activerecord/lib/active_record/transactions.rb:229:in `with_transaction_returning_status'
/opt/foreman/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/database_statements.rb:136:in `transaction'
/opt/foreman/vendor/rails/activerecord/lib/active_record/transactions.rb:182:in `transaction'
/opt/foreman/vendor/rails/activerecord/lib/active_record/transactions.rb:228:in `with_transaction_returning_status'
/opt/foreman/vendor/rails/activerecord/lib/active_record/transactions.rb:196:in `save'
/opt/foreman/vendor/rails/activerecord/lib/active_record/transactions.rb:208:in `rollback_active_record_state!'
/opt/foreman/vendor/rails/activerecord/lib/active_record/transactions.rb:196:in `save'
./db/migrate//20100525094200_simplify_parameters.rb:23:in `up_without_benchmarks'
./db/migrate//20100525094200_simplify_parameters.rb:13:in `each'
./db/migrate//20100525094200_simplify_parameters.rb:13:in `up_without_benchmarks'
```

```

/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `send'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `migrate'
/opt/ruby-enterprise-1.8.7/lib/ruby/1.8/benchmark.rb:293:in `measure'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `__send__'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:491:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:567:in `call'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:567:in `ddl_transaction'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:490:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:477:in `each'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:477:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:401:in `up'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:383:in `migrate'
/opt/foreman/vendor/rails/railties/lib/tasks/databases.rake:112
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `call'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `execute'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `each'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `execute'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:158:in `invoke_with_call_chain'
/opt/ruby-enterprise-1.8.7/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:151:in `invoke_with_call_chain'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:144:in `invoke'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:116:in `invoke_task'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `each'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
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/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:88:in `top_level'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:66:in `run'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_exception_handling'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:63:in `run'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/bin/rake:33
/opt/ruby-enterprise-1.8.7/bin/rake:19:in `load'
/opt/ruby-enterprise-1.8.7/bin/rake:19
Tasks: TOP => db:migrate

```

#4 - 03/27/2012 08:03 AM - Ky Zh

So i did th equivalent of "20100525094200_simplify_parameters.rb" by hand.

Do the migration up to 20100524080302

```
RAILS_ENV=production rake db:migrate:up VERSION=20100524080302 --trace
```

Then logged into mysql

```
mysqlq -u root -p
```

Once in mysql, choose the puppet db

```
use puppet;
```

I now pretty much translate teh migration into msql

Drop the indexes:

```
ALTER TABLE parameters DROP INDEX index_parameters_on_host_id_and_type;
ALTER TABLE parameters DROP INDEX index_parameters_on_domain_id_and_type;
ALTER TABLE parameters DROP INDEX index_parameters_on_hostgroup_id_and_type;
```

rename the column

```
alter table parameters change host_id reference_id int(11);
```

Re-create an index

```
CREATE INDEX index_parameters_on_reference_id_and_type ON parameters(reference_id,type);
```

Then print the table content

```
select * from parameters ;
```

Ensure your table looks like that:

```
reference_id = null, hostgroup_id = null, domain_id = null, type = CommonParameter
reference_id = null, hostgroup_id = null, domain_id = X, type = DomainParameter
reference_id = null, hostgroup_id = X, domain_id = null, type = GroupParameter
reference_id = X, hostgroup_id = null, domain_id = null, type = HostParameter
```

I update *reference_id* with either the domain or the hostgroup ID

```
update parameters set reference_id=domain_id where domain_id IS NOT NULL;
update parameters set reference_id=hostgroup_id where hostgroup_id IS NOT NULL;
```

Delete the table, now made redundant

```
alter table parameters drop hostgroup_id;
alter table parameters drop domain_id;
```

That allow me to go as far as "VERSION=20101019183859" (with 362731, it is taking some time).

If i try to run the next one in line "20101019122857_add_metrics_to_report.rb", it borkes.

```
== AddMetricsToReport: migrating =====
-- add_column(:reports, :metrics, :text)
rake aborted!
An error has occurred, all later migrations canceled:
```

```
Mysql::Error: The table '#sql-58c_24' is full: ALTER TABLE `reports` ADD `metrics` text
/opt/foreman/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract_adapter.rb:227:in `log'
/opt/foreman/vendor/rails/activerecord/lib/active_record/connection_adapters/mysql_adapter.rb:324:in `execute'
/opt/foreman/vendor/rails/activerecord/lib/active_record/connection_adapters/mysql_adapter.rb:489:in `add_colu
mn'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:352:in `send'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:352:in `method_missing'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:328:in `say_with_time'
/opt/ruby-enterprise-1.8.7/lib/ruby/1.8/benchmark.rb:293:in `measure'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:328:in `say_with_time'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:348:in `method_missing'
./db/migrate//20101019122857_add_metrics_to_report.rb:3:in `up_without_benchmarks'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `send'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `migrate'
/opt/ruby-enterprise-1.8.7/lib/ruby/1.8/benchmark.rb:293:in `measure'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `__send__'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:491:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:567:in `call'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:567:in `ddl_transaction'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:490:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:477:in `each'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:477:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:401:in `up'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:383:in `migrate'
/opt/foreman/vendor/rails/railties/lib/tasks/databases.rake:112
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `call'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `execute'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `each'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `execute'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:158:in `invoke_with_call_chain'
,
/opt/ruby-enterprise-1.8.7/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:151:in `invoke_with_call_chain'
,
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:144:in `invoke'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:116:in `invoke_task'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `each'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
```

```
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_except
ion_handling'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:88:in `top_level'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:66:in `run'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_except
ion_handling'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:63:in `run'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/bin/rake:33
/opt/ruby-enterprise-1.8.7/bin/rake:19:in `load'
/opt/ruby-enterprise-1.8.7/bin/rake:19
Tasks: TOP => db:migrate
```

#5 - 03/27/2012 09:44 AM - Ohad Levy

awesome!

hmm.. it says table is full
I wonder if it might be best to expire old reports first.

then I think the rest of the migrations should work?

#6 - 03/27/2012 12:38 PM - Ky Zh

Started from scratch, without the table report.

```
mysqldump -u root -p --ignore-table=puppet.reports puppet > /tmp/export.sql
```

Imported the data back in.

```
mysql -u root -p puppet < /tmp/export.sql
```

Recreated the table:

```
DROP TABLE IF EXISTS `reports`;
SET @saved_cs_client = @@character_set_client;
SET character_set_client = utf8;
CREATE TABLE `reports` (
  `id` int(11) NOT NULL auto_increment,
  `host_id` int(11) NOT NULL,
  `log` mediumtext,
  `reported_at` datetime default NULL,
  `created_at` datetime default NULL,
  `updated_at` datetime default NULL,
  `status` int(11) default NULL,
  PRIMARY KEY (`id`),
  KEY `index_reports_on_reported_at_and_host_id` (`reported_at`,`host_id`),
  KEY `index_reports_on_status` (`status`),
  KEY `index_reports_on_host_id` (`host_id`),
  KEY `index_reports_on_reported_at` (`reported_at`)
) ENGINE=InnoDB AUTO_INCREMENT=410903 DEFAULT CHARSET=latin1;
SET character_set_client = @saved_cs_client;
```

I then carry on with what i did in <http://theforeman.org/issues/1550#note-4> again.

That help me to go a bit forward

```
RAILS_ENV=production rake db:migrate:up VERSION=20110216101848 --trace
```

But still, it failed at 20110301154453_add_managed_to_hosts.rb

```
** Invoke db:migrate (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute db:migrate
== AddManagedToHosts: migrating =====
-- add_column(:hosts, :managed, :boolean)
rake aborted!
An error has occurred, all later migrations canceled:

Mysql::Error: Duplicate column name 'managed': ALTER TABLE `hosts` ADD `managed` tinyint(1)
```

```

/opt/foreman/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract_adapter.rb:227:in `log'
/opt/foreman/vendor/rails/activerecord/lib/active_record/connection_adapters/mysql_adapter.rb:324:in `execute'
/opt/foreman/vendor/rails/activerecord/lib/active_record/connection_adapters/mysql_adapter.rb:489:in `add_colu
mn'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:352:in `send'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:352:in `method_missing'
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/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:348:in `method_missing'
./db/migrate//20110301154453_add_managed_to_hosts.rb:3:in `up_without_benchmarks'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `send'
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/opt/ruby-enterprise-1.8.7/lib/ruby/1.8/benchmark.rb:293:in `measure'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:282:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `__send__'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:365:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:491:in `migrate'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:567:in `call'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:567:in `ddl_transaction'
/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:490:in `migrate'
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/opt/foreman/vendor/rails/activerecord/lib/active_record/migration.rb:401:in `up'
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/opt/foreman/vendor/rails/railties/lib/tasks/databases.rake:112
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `call'
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/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:144:in `invoke'
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/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:88:in `top_level'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:66:in `run'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_except
ion_handling'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:63:in `run'
/opt/ruby-enterprise-1.8.7/lib/ruby/gems/1.8/gems/rake-0.9.2.2/bin/rake:33
/opt/ruby-enterprise-1.8.7/bin/rake:19:in `load'
/opt/ruby-enterprise-1.8.7/bin/rake:19
Tasks: TOP => db:migrate

```

I understand that it complain about managed that already exists.
By looking inside the table , its always set to NULL.

Now i'm sure what i should update "managed" with.
I assume "true", unless one the bellow column end up NULL or not empty

```

host.update_attribute :managed, !!host.operatingsystem_id and !!host.architecture_id and (!!host.ptable_id or
not host.disk.empty?)

```

So one should see the managed row to update with

```

select id from hosts where (architecture_id is NULL and operatingsystem_id is NULL and (ptable_id is NULL or d
isk is NULL));

```

Would the above assumption correct ?

#7 - 03/29/2012 06:48 AM - David M.

I also have seen this kind of issue on a test-install yesterday.

Testsetup:

puppet+puppetmaster and foreman are on the same host (RHEL6.2 x86_64).

As soon as puppet creates the required tables in mysql, the migration script fails.
If the database is empty, migration works.

It got stuck on the same script as mention above.

#8 - 04/02/2012 08:31 AM - Ky Zh

I realise that "managed" was the button on the corner right when you edit a host.
As it will start with a non managed state (NULL in the database), I don't actually need to worry about it.

To get it to work, remove the migration

```
rm db/migrate/20110301154453_add_managed_to_hosts.rb
```

It then finished nicely.

#9 - 04/02/2012 03:47 PM - Ohad Levy

- *Status changed from New to Resolved*

#10 - 11/11/2012 04:10 AM - Ohad Levy

- *Target version set to 1.1*

Files

foreman_0.1.5-0.4.0_tables.diff	29.3 KB	03/26/2012	Ky Zh
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