

Foreman - Bug #2083

DB migration fails with Postgres in 038125b323

12/31/2012 01:57 PM - Andreas Ntafos

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	DB migrations	
Target version:	1.1	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:		

Description

Running from the develop branch (currently on [038125b323](#) after not having updated for two months) I get the following errors when running `RAILS_ENV=production bundle exec rake db:migrate`:

```
== CreateNics: migrating =====
-- create_table(:nics)
NOTICE: CREATE TABLE will create implicit sequence "nics_id_seq" for serial column "nics.id"
NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "nics_pkey" for table "nics"
-> 0.0741s
-- add_index(:nics, [:type], {:name=>"index_by_type"})
-> 0.0419s
-- add_index(:nics, [:host_id], {:name=>"index_by_host"})
-> 0.0240s
-- add_index(:nics, [:type, :id], {:name=>"index_by_type_and_id"})
-> 0.0240s
-- failed to import nics for kvmhost04.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted, commands ignored until end of transaction block
:
      SELECT a.attname, format_type(a.atttypid, a.atttypmod), d.adsrc, a.attnotnull
      FROM pg_attribute a LEFT JOIN pg_attrdef d
      ON a.attrelid = d.adrelid AND a.attnum = d.adnum
     WHERE a.attrelid = "hosts"::regclass
        AND a.attnum > 0 AND NOT a.attisdropped
     ORDER BY a.attnum
-- failed to import nics for kvmhost07.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted, commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = '00:22:19:98:c5:98') LIMIT 1
-- failed to import nics for kvmhost06.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted, commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = '00:22:19:98:bf:e7') LIMIT 1
-- failed to import nics for kvmhost05.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted, commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = 'bc:30:5b:e5:91:dd') LIMIT 1
-- remove_columns(:hosts, :sp_mac, :sp_ip, :sp_name, :sp_subnet_id)
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
: ALTER TABLE "hosts" DROP "sp_mac"
```

Tasks: TOP => db:migrate
(See full trace by running task with `--trace`)

Here is the relevant portion of the Postgres server log:

```
2012-12-31 19:44:49 CET ERROR: relation "locations_organizations" does not exist at character 580
2012-12-31 19:44:49 CET STATEMENT:          SELECT attr.attname, seq.relname
```

```

FROM pg_class      seq,
     pg_attribute  attr,
     pg_depend     dep,
     pg_namespace  name,
     pg_constraint cons
WHERE seq.oid      = dep.objid
     AND seq.relkind = 'S'
     AND attr.attrelid = dep.refobjid
     AND attr.attnum  = dep.refobjsubid
     AND attr.attrelid = cons.conrelid
     AND attr.attnum  = cons.conkey[1]
     AND cons.contype = 'p'
     AND dep.refobjid = '"locations_organizations"'::regclass

```

2012-12-31 19:44:49 CET ERROR: current transaction is aborted, commands ignored until end of transaction block

```

2012-12-31 19:44:49 CET STATEMENT:          SELECT attr.attname, seq.relname
FROM pg_class      seq,
     pg_attribute  attr,
     pg_depend     dep,
     pg_namespace  name,
     pg_constraint cons
WHERE seq.oid      = dep.objid
     AND seq.relkind = 'S'
     AND attr.attrelid = dep.refobjid
     AND attr.attnum  = dep.refobjsubid
     AND attr.attrelid = cons.conrelid
     AND attr.attnum  = cons.conkey[1]
     AND cons.contype = 'p'
     AND dep.refobjid = '"locations_organizations"'::regclass

```

2012-12-31 19:44:49 CET ERROR: current transaction is aborted, commands ignored until end of transaction block

```

2012-12-31 19:44:49 CET STATEMENT:          SELECT a.attname, format_type(a.atttypid, a.atttyp
mod), d.adsrc, a.attnotnull
FROM pg_attribute a LEFT JOIN pg_attrdef d
ON a.attrelid = d.adrelid AND a.attnum = d.adnum
WHERE a.attrelid = '"hosts"'::regclass
     AND a.attnum > 0 AND NOT a.attisdropped
ORDER BY a.attnum

```

2012-12-31 19:44:49 CET ERROR: current transaction is aborted, commands ignored until end of transaction block

```

2012-12-31 19:44:49 CET STATEMENT:  SELECT  1 FROM "nics" WHERE ("nics"."mac" = '00:22:19:98:c5:98
') LIMIT 1

```

2012-12-31 19:44:49 CET ERROR: current transaction is aborted, commands ignored until end of transaction block

```

2012-12-31 19:44:49 CET STATEMENT:  SELECT  1 FROM "nics" WHERE ("nics"."mac" = '00:22:19:98:bf:e7
') LIMIT 1

```

2012-12-31 19:44:49 CET ERROR: current transaction is aborted, commands ignored until end of transaction block

```

2012-12-31 19:44:49 CET STATEMENT:  SELECT  1 FROM "nics" WHERE ("nics"."mac" = 'bc:30:5b:e5:91:dd
') LIMIT 1

```

2012-12-31 19:44:49 CET ERROR: current transaction is aborted, commands ignored until end of transaction block

```

2012-12-31 19:44:49 CET STATEMENT:  ALTER TABLE "hosts" DROP "sp_mac"

```

I am not even sure where exactly the first error occurs that causes the subsequent failures. If there is anything else I can provide, please do tell.

Associated revisions

Revision [adce9394](#) - 01/02/2013 05:22 AM - Ohad Levy

fixes #2083 - DB migration fails with Postgres with bmc nics

History

#1 - 12/31/2012 02:01 PM - Ohad Levy

can you add the output with --trace?

#2 - 12/31/2012 02:02 PM - Andreas Ntaflos

Sure:

```
** Invoke db:migrate (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute db:migrate
== CreateNics: migrating =====
-- create_table(:nics)
NOTICE: CREATE TABLE will create implicit sequence "nics_id_seq" for serial column "nics.id"
NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "nics_pkey" for table "nics"
-> 0.0461s
-- add_index(:nics, [:type], {:name=>"index_by_type"})
-> 0.0234s
-- add_index(:nics, [:host_id], {:name=>"index_by_host"})
-> 0.0295s
-- add_index(:nics, [:type, :id], {:name=>"index_by_type_and_id"})
-> 0.0387s
-- failed to import nics for kvmhost04.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted,
commands ignored until end of transaction block
:
    SELECT a.attname, format_type(a.atttypid, a.atttypmod), d.adsrc, a.attnotnull
    FROM pg_attribute a LEFT JOIN pg_attrdef d
    ON a.attrelid = d.adrelid AND a.attnum = d.adnum
    WHERE a.attrelid = 'hosts':regclass
    AND a.attnum > 0 AND NOT a.attisdropped
    ORDER BY a.attnum
-- failed to import nics for kvmhost07.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted,
commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = '00:22:19:98:c5:98') LIMIT 1
-- failed to import nics for kvmhost06.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted,
commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = '00:22:19:98:bf:e7') LIMIT 1
-- failed to import nics for kvmhost05.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted,
commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = 'bc:30:5b:e5:91:dd') LIMIT 1
-- remove_columns(:hosts, :sp_mac, :sp_ip, :sp_name, :sp_subnet_id)
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
: ALTER TABLE "hosts" DROP "sp_mac"
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/postgresql_adapter.rb:518:in `exec'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/postgresql_adapter.rb:518:in `execute'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract_adapter.rb:202:in `log'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activesupport-3.0.17/lib/active_support/notifications/instrumenter.rb:21:in `instrument'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract_adapter.rb:200:in `log'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/postgresql_adapter.rb:514:in `execute'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/schema_statements.rb:258:in `remove_columns'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/schema_statements.rb:257:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/schema_statements.rb:257:in `remove_columns'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:385:in `send'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:385:in `method_missing'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:361:in `say_with_time'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:361:in `say_with_time'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:381:in `method_missing'
```

```

/usr/local/share/foreman.1/db/migrate/20120311081257_create_nics.rb:33:in `up_without_benchmarks'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:314:in `send'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:314:in `migrate'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:314:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:397:in `__send__'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:397:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:539:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:613:in `call'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:613:in `ddl_transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/database_statements.rb:139:in `transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:207:in `transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:613:in `ddl_transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:538:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:525:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:525:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:435:in `up'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:417:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/railties/databases.rake:151
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:228:in `call'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:228:in `execute'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:223:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:223:in `execute'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:166:in `invoke_with_call_chain'
/usr/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:159:in `invoke_with_call_chain'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:152:in `invoke'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:143:in `invoke_task'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:101:in `top_level'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:101:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:101:in `top_level'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:110:in `run_with_threads'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:95:in `top_level'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:73:in `run'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:160:in `standard_exception_handling'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:70:in `run'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/bin/rake:33
/usr/local/share/foreman.1/vendor/ruby/1.8/bin/rake:23:in `load'
/usr/local/share/foreman.1/vendor/ruby/1.8/bin/rake:23
Tasks: TOP => db:migrate

```

#3 - 12/31/2012 02:20 PM - Ohad Levy

do you have orgs turned on in your settings file?

#4 - 12/31/2012 02:22 PM - Ohad Levy

can you try changing

```

diff --git a/db/migrate/20120311081257_create_nics.rb b/db/migrate/20120311081257_create_nics.rb
index a5a934c..7f7689c 100644
--- a/db/migrate/20120311081257_create_nics.rb
+++ b/db/migrate/20120311081257_create_nics.rb
@@ -1,5 +1,7 @@
 class CreateNics < ActiveRecord::Migration
 - class Host < ActiveRecord::Base; end
+ class Host < ActiveRecord::Base
+ has_many :interfaces, :dependent => :destroy, :inverse_of => :host, :class_name => 'Nic::Base'

```

```

+ end
def self.up
  create_table :nics do |t|
    t.string :mac
  end
end

```

#5 - 01/01/2013 04:15 AM - Ohad Levy

I'm not able to reproduce this issue locally on PG.. can you try the patch above?

#6 - 01/01/2013 07:16 PM - Andreas Ntaflos

- File *kvmhost04-foreman.png* added

Unfortunately that patch does not seem to have any effect, I get the same error messages (see below). I also have neither locations, nor organizations enabled in settings.yaml. It seems to me this isn't a Postgres issue, but something else, possibly and probably specific to our setup. What does the create_nics migration try to do? I have attached a screenshot of the network configuration for the problematic host (kvmhost04), in case that helps.

```

sudo -H -u foreman RAILS_ENV=production bundle exec rake db:migrate --trace
** Invoke db:migrate (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute db:migrate
== CreateNics: migrating =====
-- create_table(:nics)
NOTICE: CREATE TABLE will create implicit sequence "nics_id_seq" for serial column "nics.id"
NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "nics_pkey" for table "nics"
-> 0.0529s
-- add_index(:nics, [:type], {:name=>"index_by_type"})
-> 0.0176s
-- add_index(:nics, [:host_id], {:name=>"index_by_host"})
-> 0.0181s
-- add_index(:nics, [:type, :id], {:name=>"index_by_type_and_id"})
-> 0.0180s
-- failed to import nics for kvmhost04.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted, commands ignored until end of transaction block
:
  SELECT a.attname, format_type(a.atttypid, a.atttypmod), d.adsrc, a.attnotnull
  FROM pg_attribute a LEFT JOIN pg_attrdef d
  ON a.attrelid = d.adrelid AND a.attnum = d.adnum
 WHERE a.attrelid = "hosts"::regclass
  AND a.attnum > 0 AND NOT a.attisdropped
  ORDER BY a.attnum
-- failed to import nics for kvmhost06.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted, commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = '00:22:19:98:bf:e7') LIMIT 1
-- failed to import nics for kvmhost07.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted, commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = '00:22:19:98:c5:98') LIMIT 1
-- failed to import nics for kvmhost05.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted, commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = 'bc:30:5b:e5:91:dd') LIMIT 1
-- remove_columns(:hosts, :sp_mac, :sp_ip, :sp_name, :sp_subnet_id)
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
: ALTER TABLE "hosts" DROP "sp_mac"
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/postgresql_adapter.rb:518:in `exec'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/postgresql_adapter.rb:518:in `execute'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract_adapter.rb:202:in `log'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activesupport-3.0.17/lib/active_support/notifications/instrumenter.rb:21:in `instrument'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract_adapter.rb:200:in `log'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/postgresql_adapter.rb:514:in `execute'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/schema_statements.rb:258:in `remove_columns'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/schema_statements.rb:257:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/schema_statements.rb:257:in `remove_columns'

```

```
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:385:in `send'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:385:in `method_missing'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:361:in `say_with_time'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:361:in `say_with_time'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:381:in `method_missing'
/usr/local/share/foreman.1/db/migrate/20120311081257_create_nics.rb:35:in `up_without_benchmarks'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:314:in `send'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:314:in `migrate'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:314:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:397:in `__send__'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:397:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:539:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:613:in `call'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:613:in `ddl_transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/database_statements.rb:139:in `transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:207:in `transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:613:in `ddl_transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:538:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:525:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:525:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:435:in `up'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:417:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/railties/databases.rake:151
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:228:in `call'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:228:in `execute'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:223:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:223:in `execute'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:166:in `invoke_with_call_chain'
/usr/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:159:in `invoke_with_call_chain'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:152:in `invoke'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:143:in `invoke_task'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:101:in `top_level'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:101:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:101:in `top_level'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:110:in `run_with_threads'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:95:in `top_level'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:73:in `run'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:160:in `standard_exception_handling'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:70:in `run'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/bin/rake:33
/usr/local/share/foreman.1/vendor/ruby/1.8/bin/rake:23:in `load'
/usr/local/share/foreman.1/vendor/ruby/1.8/bin/rake:23
Tasks: TOP => db:migrate
```

#7 - 01/02/2013 02:01 AM - Ohad Levy

- Category set to DB migrations

- Target version set to 1.1

#8 - 01/02/2013 02:05 AM - Ohad Levy

how about this then (sorry, as i simply can't reproduce) ? :

```
diff --git a/db/migrate/20120311081257_create_nics.rb b/db/migrate/20120311081257_create_nics.rb
index a5a934c..6c32d31 100644
--- a/db/migrate/20120311081257_create_nics.rb
+++ b/db/migrate/20120311081257_create_nics.rb
@@ -18,6 +18,7 @@ class CreateNics < ActiveRecord::Migration
  add_index :nics, [:host_id], :name => 'index_by_host'
  add_index :nics, [:type, :id], :name => 'index_by_type_and_id'

+ Nic::Base.reset_column_information
  Host.where(["sp_mac <> ? and sp_ip <> ?", "", ""]).each do |host|
    begin
      sp_ip = host.read_attribute(:sp_ip)
```

#9 - 01/02/2013 02:12 AM - Andreas Ntamos

Unfortunately it doesn't help :(Is there anything else I can do to debug this? Trying various patches is not a problem at all :)

```
** Invoke db:migrate (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute db:migrate
== CreateNics: migrating =====
-- create_table(:nics)
NOTICE: CREATE TABLE will create implicit sequence "nics_id_seq" for serial column "nics.id"
NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "nics_pkey" for table "nics"
-> 0.0473s
-- add_index(:nics, [:type], {:name=>"index_by_type"})
-> 0.0357s
-- add_index(:nics, [:host_id], {:name=>"index_by_host"})
-> 0.0172s
-- add_index(:nics, [:type, :id], {:name=>"index_by_type_and_id"})
-> 0.0179s
-- failed to import nics for kvmhost04.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted,
commands ignored until end of transaction block
: SELECT a.attname, format_type(a.atttypid, a.atttypmod), d.adsrc, a.attnotnull
FROM pg_attribute a LEFT JOIN pg_attrdef d
ON a.attrelid = d.adrelid AND a.attnum = d.adnum
WHERE a.attrelid = '"hosts"'::regclass
AND a.attnum > 0 AND NOT a.attisdropped
ORDER BY a.attnum
-- failed to import nics for kvmhost08.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted,
commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = '00:26:55:55:8a:96') LIMIT 1
-- failed to import nics for kvmhost06.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted,
commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = '00:22:19:98:bf:e7') LIMIT 1
-- failed to import nics for kvmhost07.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted,
commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = '00:22:19:98:c5:98') LIMIT 1
-- failed to import nics for kvmhost05.mgmt.rz01.riseops.at : PG::Error: ERROR: current transaction is aborted,
commands ignored until end of transaction block
: SELECT 1 FROM "nics" WHERE ("nics"."mac" = 'bc:30:5b:e5:91:dd') LIMIT 1
-- remove_columns(:hosts, :sp_mac, :sp_ip, :sp_name, :sp_subnet_id)
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
: ALTER TABLE "hosts" DROP "sp_mac"
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/postgresql_adapter.rb:518:in `exec'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/postgresql_adapter.rb:518:in `execute'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract_adapter.rb:202:in `log'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activesupport-3.0.17/lib/active_support/notifications/instrumenter.rb:21:in `instrument'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract_adapter.rb:200:in `log'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/postgresql_adapter.rb:514:in `execute'
```

```
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/schema_statements.rb:258:in `remove_columns'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/schema_statements.rb:257:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/schema_statements.rb:257:in `remove_columns'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:385:in `send'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:385:in `method_missing'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:361:in `say_with_time'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:361:in `say_with_time'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:381:in `method_missing'
/usr/local/share/foreman.1/db/migrate/20120311081257_create_nics.rb:36:in `up_without_benchmarks'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:314:in `send'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:314:in `migrate'
/usr/lib/ruby/1.8/benchmark.rb:293:in `measure'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:314:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:397:in `__send__'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:397:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:539:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:613:in `call'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:613:in `ddl_transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/database_statements.rb:139:in `transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:207:in `transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:613:in `ddl_transaction'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:538:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:525:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:525:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:435:in `up'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/migration.rb:417:in `migrate'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/activerecord-3.0.17/lib/active_record/railties/databases.rake:151
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:228:in `call'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:228:in `execute'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:223:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:223:in `execute'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:166:in `invoke_with_call_chain'
/usr/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:159:in `invoke_with_call_chain'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/task.rb:152:in `invoke'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:143:in `invoke_task'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:101:in `top_level'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:101:in `each'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:101:in `top_level'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:110:in `run_with_threads'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:95:in `top_level'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:73:in `run'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:160:in `standard_exception_handling'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/lib/rake/application.rb:70:in `run'
/usr/local/share/foreman.1/vendor/ruby/1.8/gems/rake-10.0.3/bin/rake:33
/usr/local/share/foreman.1/vendor/ruby/1.8/bin/rake:23:in `load'
/usr/local/share/foreman.1/vendor/ruby/1.8/bin/rake:23
Tasks: TOP => db:migrate
```


#10 - 01/02/2013 03:19 AM - Ohad Levy

here is another diff (from the current develop branch):)

```
diff --git a/db/migrate/20120311081257_create_nics.rb b/db/migrate/20120311081257_create_nics.rb
index a5a934c..11a3aaa 100644
--- a/db/migrate/20120311081257_create_nics.rb
+++ b/db/migrate/20120311081257_create_nics.rb
@@ -1,5 +1,8 @@
 class CreateNics < ActiveRecord::Migration
   class Host < ActiveRecord::Base; end
+ class Subnet < ActiveRecord::Base
+   has_many :interfaces, :class_name => 'Nic::Base'
+ end
   def self.up
     create_table :nics do |t|
       t.string :mac
@@ -18,12 +21,14 @@ class CreateNics < ActiveRecord::Migration
   add_index :nics, [:host_id], :name => 'index_by_host'
   add_index :nics, [:type, :id], :name => 'index_by_type_and_id'

- Host.where(["sp_mac <> ? and sp_ip <> ?", "", ""]).each do |host|
+ Nic::Base.reset_column_information
+ Host.unscoped.where(["sp_mac <> ? and sp_ip <> ?", "", ""]).each do |host|
   begin
     sp_ip = host.read_attribute(:sp_ip)
     sp_mac = host.read_attribute(:sp_mac)
-     Nic::BMC.create! :host_id => host.id, :mac => sp_mac, :ip => sp_ip, :subnet_id => host.read_attribu
te(:sp_subnet_id
-     :name => host.read_attribute(:sp_name), :priority => 1
+     Nic::BMC.create! :host_id => host.id, :mac => sp_mac, :ip => sp_ip,
+     :subnet_id => host.read_attribute(:sp_subnet_id),
+     :name => host.read_attribute(:sp_name)
     say "created BMC interface for #{host}"
   rescue => e
     say "failed to import nics for #{host} : #{e}"
```

#11 - 01/02/2013 07:31 AM - Ohad Levy

- Status changed from New to Closed

- % Done changed from 0 to 100

Applied in changeset [adce9394fdd7a7e0a6be9c739bf8fb6a1c2e44d3](#).

Files

kvmhost04-foreman.png	52.1 KB	01/01/2013	Andreas Ntaflou
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