

Foreman - Bug #6964

Error on startup: "null value in column "user_id" violates not-null constraint"

08/06/2014 12:53 PM - Dominic Cleal

Status:	Closed	
Priority:	Urgent	
Assignee:	Dominic Cleal	
Category:	Database	
Target version:	1.6.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/1665	

Description

Since [#6873](#), Foreman isn't starting up on a clean installation with:

```
PGError: ERROR: null value in column "user_id" violates not-null constraint
: INSERT INTO "cached_user_roles" ("created_at", "role_id", "updated_at", "user_id", "user_role_id") VALUES ($1, $2, $3, $4, $5) RETURNING "id" (ActiveRecord::StatementInvalid)
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/postgresql_adapter.rb:1171:in `get_last_result'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/postgresql_adapter.rb:1171:in `exec_cache'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/postgresql_adapter.rb:665:in `block in exec_query'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract_adapter.rb:280:in `block in log'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/notifications/instrumenter.rb:20:in `instrument'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract_adapter.rb:275:in `log'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/postgresql_adapter.rb:663:in `exec_query'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract/database_statements.rb:63:in `exec_insert'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract/database_statements.rb:90:in `insert'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract/query_cache.rb:14:in `insert'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/relation.rb:66:in `insert'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/persistence.rb:366:in `create'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/timestamp.rb:57:in `create'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/callbacks.rb:268:in `block in create'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:403:in `_run__4384089833700878333__create__735890728046573773__callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:405:in `_run_callback'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:385:in `_run_create_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:81:in `run_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/callbacks.rb:268:in `create'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/persistence.rb:347:in `create_or_update'
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/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/callbacks.rb:264:in `block in create_or_update'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:436:in `_run__4384089833700878333__save__735890728046573773__callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:405:in `__run_callback'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:385:in `_run_save_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:81:in `run_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/callbacks.rb:264:in `create_or_update'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/persistence.rb:104:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/validations.rb:56:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/attribute_methods/dirty.rb:33:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:246:in `block in save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:295:in `block in with_transaction_returning_status'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract/database_statements.rb:192:in `transaction'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:208:in `transaction'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:293:in `with_transaction_returning_status'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:246:in `save!'
/usr/share/foreman/app/models/user_role.rb:58:in `each'
/usr/share/foreman/app/models/user_role.rb:58:in `all?'
/usr/share/foreman/app/models/user_role.rb:58:in `cache_user_roles!'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:449:in `_run__4597219778037394767__save__735890728046573773__callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:405:in `__run_callback'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:385:in `_run_save_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:81:in `run_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/callbacks.rb:264:in `create_or_update'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/persistence.rb:104:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/validations.rb:56:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/attribute_methods/dirty.rb:33:in `save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:246:in `block in save!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:295:in `block in with_transaction_returning_status'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract/database_statements.rb:192:in `transaction'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:208:in `transaction'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:293:in `with_transaction_returning_status'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:246:in `save!'
/usr/share/foreman/app/services/cache_manager.rb:9:in `map'
/usr/share/foreman/app/services/cache_manager.rb:9:in `create_new_permission_cache'
/usr/share/foreman/app/services/cache_manager.rb:19:in `recache!'
/usr/share/foreman/config/initializers/fix_cache.rb:9:in `'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:245:in `load'
```

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/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:
245:in `block in load'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:
236:in `load_dependency'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/dependencies.rb:
245:in `load'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/engine.rb:588:in `block (2 lev
els) in <class:Engine>'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/engine.rb:587:in `each'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/engine.rb:587:in `block in <cl
ass:Engine>'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/initializable.rb:30:in `instan
ce_exec'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/initializable.rb:30:in `run'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/initializable.rb:55:in `block
in run_initializers'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/initializable.rb:54:in `each'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/initializable.rb:54:in `run_in
itializers'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/application.rb:136:in `initial
ize!'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/railtie/configurable.rb:30:in
`method_missing'
/usr/share/foreman/config/environment.rb:5:in `<top (required)>'
/opt/rh/ruby193/root/usr/share/rubygems/rubygems/custom_require.rb:36:in `require'
/opt/rh/ruby193/root/usr/share/rubygems/rubygems/custom_require.rb:36:in `require'
config.ru:3:in `block in <main>'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/builder.rb:51:in `instance_eval'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/builder.rb:51:in `initialize'
config.ru:1:in `new'
config.ru:1:in `<main>'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/helper-scripts/rack-preloader.rb:105:in `eval'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/helper-scripts/rack-preloader.rb:105:in `preload_ap
p'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/helper-scripts/rack-preloader.rb:150:in `<module:Ap
p>'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/helper-scripts/rack-preloader.rb:29:in `<module:Phu
sionPassenger>'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/helper-scripts/rack-preloader.rb:28:in `<main>'

```

Looks similar to [#4641](#), but could be unrelated.

Related issues:

Related to Foreman - Bug #6873: Error during db:seed from 1.4 to 1.6: undefin...	Closed	08/01/2014
Related to Foreman - Refactor #6878: Replace default_scope with specific scop...	New	08/01/2014

Associated revisions

Revision cad9cce9 - 08/10/2014 04:49 AM - Dominic Cleal

fixes #6964 - replace default scope that hides users with explicit scope

Revision eef2ba50 - 08/11/2014 08:27 AM - Dominic Cleal

fixes #6964 - replace default scope that hides users with explicit scope

(cherry picked from commit cad9cce912a371018a489a874d896af241f91bd0)

History

#1 - 08/06/2014 12:54 PM - Dominic Cleal

- Related to Bug #6873: Error during db:seed from 1.4 to 1.6: undefined method `expire_topbar_cache' for nil:NilClass added

#2 - 08/07/2014 12:00 PM - Dominic Cleal

- Blocked by Refactor #6878: Replace default_scope with specific scopes for visibility added

#3 - 08/07/2014 12:11 PM - Dominic Cleal

- Status changed from New to Assigned

- Assignee set to *Dominic Cleal*

#4 - 08/07/2014 12:59 PM - Dominic Cleal

- Blocked by deleted (*Refactor #6878: Replace default_scope with specific scopes for visibility*)

#5 - 08/07/2014 01:00 PM - Dominic Cleal

- Related to *Refactor #6878: Replace default_scope with specific scopes for visibility added*

#6 - 08/07/2014 01:00 PM - Dominic Cleal

- Status changed from *Assigned* to *Ready For Testing*

- Pull request <https://github.com/theforeman/foreman/pull/1665> added

- Pull request deleted ()

#7 - 08/10/2014 08:01 AM - Dominic Cleal

- Status changed from *Ready For Testing* to *Closed*

- % Done changed from 0 to 100

Applied in changeset [cad9cce912a371018a489a874d896af241f91bd0](#).