

Foreman - Bug #22011

rake trends:counter throws ActiveRecord::RecordInvalid Error

12/18/2017 03:08 PM - Jason Lang

Status:	Closed	
Priority:	Normal	
Assignee:	Timo Goebel	
Category:	Trends	
Target version:		
Difficulty:		Fixed in Releases: 1.22.0
Triaged:	No	Found in Releases: 1.17.1
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/6188	

Description

This seemed to be working at one point - but recently im seeing this error whenever cron runs the rake task located in /etc/cron.d/foreman

I have run it manually with --trace below for additional output

RHEL 7
Foreman 1.14.3

Unsure what additional information. Im guessing there is a duplicate Param/Field "Created At" but unsure why it would matter with regards to trends?

These are the current "trends" i have collected per the UI

Name
ComputeResource
Environment
Hostgroup
Model
OperatingSystem

- Execute trends:counter
rake aborted!
ActiveRecord::RecordInvalid: Validation failed: Created at has already been taken
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/validations.rb:79:in `raise_record_invalid'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/validations.rb:43:in `save!'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/attribute_methods/dirty.rb:29:in `save!'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions.rb:291:in `block 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_state_ments.rb:213:in `block in transaction'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/abstract/transaction.rb:184:in `within_new_transaction'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/abstract/database_state_ments.rb:213: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:291:in `save!'
/usr/share/foreman/app/services/trend_importer.rb:43:in `block in update_trend_counters'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/relation/delegation.rb:46:in `each'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/relation/delegation.rb:46:in `each'
/usr/share/foreman/app/services/trend_importer.rb:33:in `update_trend_counters'
/usr/share/foreman/app/services/trend_importer.rb:5:in `update!'
/usr/share/foreman/lib/tasks/trends.rake:4:in `block (2 levels) in <top (required)>'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:240:in `call'

```

/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:240:in `block in execute'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:235:in `each'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:235:in `execute'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:179:in `block in invoke_with_call_chain'
/opt/rh/rh-ruby22/root/usr/share/ruby/monitor.rb:211:in `mon_synchronize'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:172:in `invoke_with_call_chain'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:165:in `invoke'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:150:in `invoke_task'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:106:in `block (2 levels) in top_level'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:106:in `each'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:106:in `block in top_level'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:115:in `run_with_threads'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:100:in `top_level'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:78:in `block in run'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:176:in `standard_exception_handling'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:75:in `run'
/opt/rh/rh-ruby22/root/usr/bin/rake:33:in `<main>'
Tasks: TOP => trends:counter

```

Associated revisions

Revision 82cbbdb7 - 02/18/2019 10:41 AM - Timo Goebel

fixes #22011 - add unique constraint for trends counter

History

#1 - 03/03/2018 11:11 PM - Oliver Freyermuth

Observing exactly the same here with Foreman 1.16.0 on CentOS 7.

Would really be nice to see this fixed...

Here's the full trace:

```

[root@foreman ~]# /usr/sbin/foreman-rake trends:counter --trace
** Invoke trends:counter (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute trends:counter
rake aborted!
ActiveRecord::RecordInvalid: Validation failed: Created at has already been taken
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/validations.rb:79:in `raise_record_invalid'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/validations.rb:43:in `save!'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/attribute_methods/dirty.rb:29:in `save!'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions.rb:291:in `block 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:213:in `block in transaction'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/abstract/transaction.rb:184:in `within_new_transaction'
/opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_adapters/abstract/database_statements.rb:213: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:291:in `save!'
/usr/share/foreman/app/services/trend_importer.rb:43:in `block in update_trend_counters'
/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/app/services/trend_importer.rb:5:in `update!'
/usr/share/foreman/lib/tasks/trends.rake:4:in `block (2 levels) in <top (required)>'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:240:in `call'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:240:in `block in execute'

```

```
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:235:in `each'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:235:in `execute'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:179:in `block in invoke_with_call_chain'
/opt/rh/rh-ruby22/root/usr/share/ruby/monitor.rb:211:in `mon_synchronize'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:172:in `invoke_with_call_chain'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/task.rb:165:in `invoke'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:150:in `invoke_task'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:106:in `block (2 levels) in top_level'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:106:in `each'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:106:in `block in top_level'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:115:in `run_with_threads'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:100:in `top_level'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:78:in `block in run'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:176:in `standard_exception_handling'
/opt/rh/rh-ruby22/root/usr/share/gems/gems/rake-10.4.2/lib/rake/application.rb:75:in `run'
/opt/rh/rh-ruby22/root/usr/bin/rake:33:in `'
Tasks: TOP => trends:counter
```

#2 - 07/07/2018 11:44 PM - Oliver Freyermuth

- *Triaged set to No*

And it still fails with the same trace on 1.17.1. :-(

#3 - 07/08/2018 12:11 AM - Anonymous

- *Category set to Trends*

#4 - 10/31/2018 03:19 PM - The Foreman Bot

- *Status changed from New to Ready For Testing*

- *Assignee set to Timo Goebel*

- *Pull request <https://github.com/theforeman/foreman/pull/6188> added*

#5 - 02/18/2019 10:41 AM - Tomer Brisker

- *Fixed in Releases 1.22.0 added*

#6 - 02/18/2019 11:01 AM - Timo Goebel

- *Status changed from Ready For Testing to Closed*

Applied in changeset [82cbbdb71a0c389c7f8f44ed73108b923d71a7af](#).