

Foreman - Bug #29008

rake db:seed can fail on updating locked template

02/13/2020 08:43 PM - Marek Hulán

Status:	Closed	
Priority:	Normal	
Assignee:	Marek Hulán	
Category:	Database	
Target version:		
Difficulty:		Fixed in Releases: 2.1.0
Triaged:	No	Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/foreman/foreman/pull/7436	

Description

When running db:migrate task, I've seen the following, preventing loading the environment and therefore migrating the database.

```
2020-02-13T21:39:01 [D|app|] updating existing template
2020-02-13T21:39:01 [D|app|] setting attributes for AutoYaST SLES default with id: 7
2020-02-13T21:39:01 [D|sql|] TemplateInput Load (0.2ms) SELECT "template_inputs".* FROM "template_inputs" WHERE "template_inputs"."template_id" = $1 [{"template_id", 7}]
2020-02-13T21:39:01 [D|sql|] ↳ app/models/template.rb:191
2020-02-13T21:39:01 [D|sql|] ForeignInputSet Load (0.2ms) SELECT "foreign_input_sets".* FROM "foreign_input_sets" WHERE "foreign_input_sets"."template_id" = $1 [{"template_id", 7}]
2020-02-13T21:39:01 [D|sql|] ↳ /home/ares/z/foreman_remote_execution/app/models/concerns/foreman_remote_execution/template_overrides.rb:5
2020-02-13T21:39:01 [D|sql|] ProvisioningTemplate Exists (0.3ms) SELECT 1 AS one FROM "templates" WHERE "templates"."type" IN ('ProvisioningTemplate') AND "templates"."name" = $1 AND "templates"."id" != $2 LIMIT $3 [{"name", "AutoYaST SLES default"}, {"id", 7}, {"LIMIT", 1}]
2020-02-13T21:39:01 [D|sql|] ↳ lib/seed_helper.rb:129
/home/ares/z/foreman/lib/seed_helper.rb:129:in `import_raw_template': Unable to update template AutoYaST SLES default: This template is locked. Please clone it to a new template to customize. (RuntimeError)
    from /home/ares/z/foreman/lib/seed_helper.rb:138:in `block in import_templates'
    from /home/ares/z/foreman/lib/seed_helper.rb:137:in `each'
    from /home/ares/z/foreman/lib/seed_helper.rb:137:in `import_templates'
    from /home/ares/z/foreman/db/seeds.d/070-provisioning_templates.rb:9:in `block in <main>'
    from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/audited-4.9.0/lib/audited/auditor.rb:376:in `without_auditing'
    from /home/ares/z/foreman/db/seeds.d/070-provisioning_templates.rb:2:in `<main>'
    from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/bootsnap-1.4.5/lib/bootsnap/load_path_cache/core_ext/kernel_require.rb:54:in `load'
    from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/bootsnap-1.4.5/lib/bootsnap/load_path_cache/core_ext/kernel_require.rb:54:in `load'
    from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/active_support/dependencies.rb:281:in `block in load'
    from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/active_support/dependencies.rb:253:in `load_dependency'
    from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/active_support/dependencies.rb:281:in `load'
    from /home/ares/z/foreman/app/services/foreman_seeder.rb:39:in `block (2 levels) in execute'
    from /home/ares/z/foreman/app/models/concerns/foreman/thread_session.rb:108:in `as'
    from /home/ares/z/foreman/app/models/concerns/foreman/thread_session.rb:114:in `as_anonymous_admin'
    from /home/ares/z/foreman/app/services/foreman_seeder.rb:38:in `block in execute'
    from /home/ares/z/foreman/app/services/foreman_seeder.rb:32:in `each'
    from /home/ares/z/foreman/app/services/foreman_seeder.rb:32:in `execute'
    from /home/ares/z/foreman/config/initializers/seeds.rb:8:in `block (2 levels) in <main>'
    from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/acti
```

```

ve_support/lazy_load_hooks.rb:69:in `block in execute_hook'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/acti
ve_support/lazy_load_hooks.rb:62:in `with_execution_control'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/acti
ve_support/lazy_load_hooks.rb:67:in `execute_hook'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/acti
ve_support/lazy_load_hooks.rb:52:in `block in run_load_hooks'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/acti
ve_support/lazy_load_hooks.rb:51:in `each'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/acti
ve_support/lazy_load_hooks.rb:51:in `run_load_hooks'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/railties-5.2.1/lib/rails/app
lication/finisher.rb:75:in `block in <module:Finisher>'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/railties-5.2.1/lib/rails/ini
tializable.rb:32:in `instance_exec'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/railties-5.2.1/lib/rails/ini
tializable.rb:32:in `run'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/railties-5.2.1/lib/rails/ini
tializable.rb:61:in `block in run_initializers'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/2.6.0/tsort.rb:228:in `block in tsort_each'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/2.6.0/tsort.rb:350:in `block (2 levels) in e
ach_strongly_connected_component'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/2.6.0/tsort.rb:431:in `each_strongly_connect
ed_component_from'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/2.6.0/tsort.rb:349:in `block in each_strongl
y_connected_component'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/2.6.0/tsort.rb:347:in `each'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/2.6.0/tsort.rb:347:in `call'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/2.6.0/tsort.rb:347:in `each_strongly_connect
ed_component'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/2.6.0/tsort.rb:226:in `tsort_each'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/2.6.0/tsort.rb:205:in `tsort_each'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/railties-5.2.1/lib/rails/ini
tializable.rb:60:in `run_initializers'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/railties-5.2.1/lib/rails/app
lication.rb:361:in `initialize!'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/railties-5.2.1/lib/rails/rai
ltie.rb:190:in `public_send'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/railties-5.2.1/lib/rails/rai
ltie.rb:190:in `method_missing'
  from /home/ares/z/foreman/config/environment.rb:5:in `<main>'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/bootsnap-1.4.5/lib/bootsnap/
load_path_cache/core_ext/kernel_require.rb:22:in `require'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/bootsnap-1.4.5/lib/bootsnap/
load_path_cache/core_ext/kernel_require.rb:22:in `block in require_with_bootsnap_lfi'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/bootsnap-1.4.5/lib/bootsnap/
load_path_cache/loaded_features_index.rb:92:in `register'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/bootsnap-1.4.5/lib/bootsnap/
load_path_cache/core_ext/kernel_require.rb:21:in `require_with_bootsnap_lfi'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/bootsnap-1.4.5/lib/bootsnap/
load_path_cache/core_ext/kernel_require.rb:30:in `require'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/polyglot-0.3.5/lib/polyglot.
rb:65:in `require'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/acti
ve_support/dependencies.rb:287:in `block in require'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/acti
ve_support/dependencies.rb:253:in `load_dependency'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/activesupport-5.2.1/lib/acti
ve_support/dependencies.rb:287:in `require'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/spring-2.1.0/lib/spring/appl
ication.rb:106:in `preload'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/spring-2.1.0/lib/spring/appl
ication.rb:157:in `serve'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/spring-2.1.0/lib/spring/appl
ication.rb:145:in `block in run'
  from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/spring-2.1.0/lib/spring/appl
ication.rb:139:in `loop'

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    from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/spring-2.1.0/lib/spring/applic
ication.rb:139:in `run'
    from /usr/local/rbenv/versions/2.6.3/lib/ruby/gems/2.6.0/gems/spring-2.1.0/lib/spring/applic
ation/boot.rb:19:in `<top (required)>'
    from /usr/local/rbenv/versions/2.6.3/lib/ruby/2.6.0/rubygems/core_ext/kernel_require.rb:54
:in `require'
    from /usr/local/rbenv/versions/2.6.3/lib/ruby/2.6.0/rubygems/core_ext/kernel_require.rb:54
:in `require'
    from -e:1:in `<main>'
```

the fix is easy, we should ignore locking when checking whether the template is valid, like we do later when saving

Related issues:

Related to Foreman - Bug #29272: template seeding fails during app initializa...

Closed

Associated revisions

Revision 7ec4d3b4 - 02/17/2020 08:57 AM - Marek Hulán

Fixes #29008 - consider locked templates valid in seed

When a template is already persisted, it's considered invalid when changed, if it's locked, however seeding should update default template. When we call save, we ignore locking, but we also need to ignore it when checking for errors on few lines above. This is I believe a regression caused by running seed checks.

History

#1 - 02/13/2020 08:46 PM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request <https://github.com/foreman/foreman/pull/7436> added

#2 - 02/17/2020 08:58 AM - The Foreman Bot

- Fixed in Releases 2.1.0 added

#3 - 02/17/2020 09:01 AM - Marek Hulán

- Status changed from Ready For Testing to Closed

Applied in changeset [7ec4d3b458e6a3c82e9f3ed7989e1870cb4c0983](#).

#4 - 03/05/2020 01:43 PM - Tomer Brisker

- Has duplicate Bug #29272: template seeding fails during app initialization added

#5 - 03/05/2020 01:44 PM - Tomer Brisker

- Has duplicate deleted (Bug #29272: template seeding fails during app initialization)

#6 - 03/05/2020 01:44 PM - Tomer Brisker

- Related to Bug #29272: template seeding fails during app initialization added