Foreman - Bug #14541

foreman-rake must preserve environment variables

04/08/2016 04:23 AM - Jérôme Vizcaino

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Rake tasks		
Target version:	1.12.0		
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	1.9.3
Bugzilla link:		**Red Hat JIRA:**	
Pull request:	https://github.com/theforeman/foreman/pull/3534		

Description

Calling foreman-rake db:seed fills the database with default entries.
Of theses seeds, 04-admin.rb takes care of adding the default admin account.
This can be configured using SEED_ADMIN_* environment variables but calling foreman-rake with id != foreman fails.

Looking at foreman-rake, the su call misses the -p flag, so environment is dropped when changing user.

Associated revisions

Revision 9fd99121 - 05/24/2016 11:42 AM - Stijn Tintel

Fixes #14541 - foreman-rake must preserve environment variables

Signed-off-by: Stijn Tintel <stijn@linux-ipv6.be>

History

#1 - 04/08/2016 04:28 AM - Dominic Cleal

- Category set to Rake tasks

#2 - 05/18/2016 06:56 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request https://github.com/theforeman/foreman/pull/3533 added

#3 - 05/18/2016 07:17 AM - Stijn Tintel

Adding -p to the su call is unfortunately not an option:

```
root@foreman:~# /usr/sbin/foreman-rake db:seed
-su: /root/.bash_profile: Permission denied
rake aborted!
Errno::EACCES: Permission denied - /root/.facter/facts.d
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/directory_loader.rb:75:in `open'
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/directory_loader.rb:75:in `entries'
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/directory_loader.rb:75:in `entries'
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/directory_loader.rb:55:in `load'
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/composite_loader.rb:10:in `block in loa
d'
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/composite_loader.rb:10:in `each'
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/composite_loader.rb:10:in `load'
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/collection.rb:154:in `load_external_fac
ts'
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/collection.rb:110:in `load'
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/collection.rb:84:in `fact'
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/collection.rb:140:in `value'
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter.rb:112:in `block (2 levels) in singleton cla
ss'
/usr/share/foreman/app/models/setting/general.rb:7:in `load_defaults'
```

```
/usr/share/foreman/config/initializers/foreman.rb:21:in `each'
/usr/share/foreman/config/initializers/foreman.rb:21:in `<top (required)>'
/usr/share/foreman/vendor/ruby/2.0.0/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:241:in `lo
ad'
/usr/share/foreman/vendor/ruby/2.0.0/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:241:in `bl
ock in load'
/usr/share/foreman/vendor/ruby/2.0.0/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:232:in `lo
ad_dependency'
/usr/share/foreman/vendor/ruby/2.0.0/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:241:in `lo
ad'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/engine.rb:648:in `block in load_config_i
nitializer'
/usr/share/foreman/vendor/ruby/2.0.0/gems/activesupport-4.1.14.2/lib/active_support/notifications.rb:161:in `i
nstrument'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/engine.rb:647:in `load_config_initialize
r'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/engine.rb:612:in `block (2 levels) in <c
lass:Engine>'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/engine.rb:611:in `each'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/engine.rb:611:in `block in <class:Engine
>'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/initializable.rb:30:in `instance_exec'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/initializable.rb:30:in `run'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/initializable.rb:55:in `block in run_ini
tializers'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/initializable.rb:44:in `each'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/initializable.rb:44:in `tsort_each_child
'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/initializable.rb:54:in `run_initializers
'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/application.rb:300:in `initialize!'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/railtie.rb:194:in `public_send'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/railtie.rb:194:in `method_missing'
/usr/share/foreman/config/environment.rb:5:in `<top (required)>'
/usr/share/foreman/vendor/ruby/2.0.0/gems/polyglot-0.3.5/lib/polyglot.rb:65:in `require'
/usr/share/foreman/vendor/ruby/2.0.0/gems/polyglot-0.3.5/lib/polyglot.rb:65:in `require'
/usr/share/foreman/vendor/ruby/2.0.0/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:247:in `bl
ock in require'
/usr/share/foreman/vendor/ruby/2.0.0/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:232:in `lo
ad_dependency'
/usr/share/foreman/vendor/ruby/2.0.0/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:247:in `re
quire'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/application.rb:276:in `require_environme
nt!'
/usr/share/foreman/vendor/ruby/2.0.0/gems/railties-4.1.14.2/lib/rails/application.rb:405:in `block in run_task
s_blocks'
/usr/share/foreman/vendor/ruby/2.0.0/gems/activerecord-4.1.14.2/lib/active_record/railties/databases.rake:173:
in `block (2 levels) in <top (required)>'
/usr/bin/rake2.0:37:in `<main>'
Tasks: TOP => db:abort_if_pending_migrations => environment
(See full trace by running task with --trace)
```

#4 - 05/18/2016 07:18 AM - Dominic Cleal

- Status changed from Ready For Testing to New

- Pull request deleted (https://github.com/theforeman/foreman/pull/3533)

HOME might be carried through with -p?

#5 - 05/18/2016 08:26 AM - Stijn Tintel

This is just a warning and can be ignored:

```
-su: /root/.bash_profile: Permission denied
```

But the problem seems to be in the facter gem, in /usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/config.rb:

```
  def self.external_facts_dirs
    if Facter::Util::Root.root?
      windows_dir = windows_data_dir
      if windows_dir.nil? then
        ["/etc/facter/facts.d", "/etc/puppetlabs/facter/facts.d"]
```

```
      else
        [File.join(windows_dir, 'PuppetLabs', 'facter', 'facts.d')]
      end
    else
      [File.expand_path(File.join("~", ".facter", "facts.d"))]
    end
  end
```

So with the -p option, the environment contains HOME=/root, which is causing the above problem.

#6 - 05/18/2016 09:25 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request https://github.com/theforeman/foreman/pull/3534 added

#7 - 05/24/2016 12:01 PM - Anonymous

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [9fd991210db89b693cb17fa2c25c8104f8981b16](#).

#8 - 05/25/2016 03:10 AM - Dominic Cleal

- translation missing: en.field_release set to 136