

## Foreman - Bug #7902

super: no superclass method `load\_defaults' for #<Class:0x00000003762b60> (NoMethodError)

10/10/2014 10:48 AM - Roderick Day

|                        |          |                                 |
|------------------------|----------|---------------------------------|
| <b>Status:</b>         | Resolved |                                 |
| <b>Priority:</b>       | High     |                                 |
| <b>Assignee:</b>       |          |                                 |
| <b>Category:</b>       |          |                                 |
| <b>Target version:</b> |          |                                 |
| <b>Difficulty:</b>     |          | <b>Fixed in Releases:</b>       |
| <b>Triaged:</b>        |          | <b>Found in Releases:</b> 1.5.2 |
| <b>Bugzilla link:</b>  |          | <b>Red Hat JIRA:</b>            |
| <b>Pull request:</b>   |          |                                 |

### Description

#### My foreman install gives this error when browsing to any page:

```
Message from application: super: no superclass method `load_defaults' for #<Class:0x00000003762b60
> (NoMethodError)
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/dynamic_matchers.r
b:55:in `method_missing'
/usr/share/foreman/app/models/setting/puppet.rb:5:in `load_defaults'
/usr/share/foreman/config/initializers/foreman.rb:18:in `each'
/usr/share/foreman/config/initializers/foreman.rb:18:in `'
/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/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 `'
/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 `'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.52/helper-scripts/rack-preloader.rb:112:in `eval'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.52/helper-scripts/rack-preloader.rb:112:in `preload_ap
p'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.52/helper-scripts/rack-preloader.rb:158:in `
```

```
p>'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.52/helper-scripts/rack-preloader.rb:29:in `<module:PhusionPassenger>'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.52/helper-scripts/rack-preloader.rb:28:in `<main>'
```

### Here is my passenger apache conf:

```
LoadModule passenger_module /usr/lib/ruby/gems/1.8/gems/passenger-4.0.52/buildout/apache2/mod_passenger.so
<IfModule mod_passenger.c>
  PassengerRoot /usr/lib/ruby/gems/1.8/gems/passenger-4.0.52
  PassengerDefaultRuby /usr/bin/ruby
</IfModule>

PassengerHighPerformance on
PassengerUseGlobalQueue on
PassengerMaxPoolSize 6
#PassengerMaxRequests 1000
#PassengerPoolIdleTime 600
```

### h3. Here is my apache foreman.conf:

```
Listen 3000
<VirtualHost *:3000>
  ServerName amlnx-ppp-ppt01.pressplus.cloudha.rrdha.int
  SSLEngine on
  SSLProtocol -ALL +SSLv3 +TLSv1
  SSLCipherSuite ALL:!ASH:RC4+RSA:+HIGH:+MEDIUM:-LOW:-SSLv2:-EXP
  SSLCertificateFile /var/lib/puppet/ssl/certs/obfuscated.pem
  SSLCertificateKeyFile /var/lib/puppet/ssl/private_keys/obfuscated.pem
  SSLCertificateChainFile /var/lib/puppet/ssl/certs/ca.pem
  SSLCACertificateFile /var/lib/puppet/ssl/ca/ca.crt.pem
  SSLCAREvocationFile /var/lib/puppet/ssl/ca/ca_crl.pem
  SSLVerifyClient optional
  SSLVerifyDepth 1
  SSLOptions +StdEnvVars

  RequestHeader set X-SSL-Subject %{SSL_CLIENT_S_DN}e
  RequestHeader set X-Client-DN %{SSL_CLIENT_S_DN}e
  RequestHeader set X-Client-Verify %{SSL_CLIENT_VERIFY}e

  DocumentRoot /usr/share/foreman/public/
  PassengerAppRoot /usr/share/foreman
  PassengerRuby /usr/bin/ruby193-ruby

  PassengerMinInstances 1

  AddDefaultCharset UTF-8

  <Directory /usr/share/foreman/public/>
    Options None
    AllowOverride AuthConfig
    Order allow,deny
    allow from all
  </Directory>
  ErrorLog /var/log/httpd/foreman_error.log
  LogLevel debug
  CustomLog /var/log/httpd/foreman_access.log combined
  ServerSignature On
</VirtualHost>
```

I can provide any additional information needed. I did check the issue list and Google first but could not find enough info to help myself. Assistance much appreciated.

## History

#1 - 10/10/2014 11:07 AM - Dominic Cleal

Strange error, it looks like the "Setting" class we ship (/usr/share/foreman/app/models/setting.rb) is either:

1. Corrupt copy of setting.rb, use `rpm -qfV /usr/share/foreman/app/models/setting.rb` to verify
2. Some other library or plugin installed that's eclipsing "Setting" with its own class of the same name, but I've not seen this. Perhaps look at `scl enable ruby193 'gem list'` to see if there's anything you've added there that shouldn't be installed.

## #2 - 10/10/2014 11:07 AM - Dominic Cleal

- Status changed from New to Feedback

## #3 - 10/10/2014 11:33 AM - Roderick Day

Dominic Cleal wrote:

Strange error, it looks like the "Setting" class we ship (/usr/share/foreman/app/models/setting.rb) is either:

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Dominic,  
Thanks for looking into this for me.

Here is the output of: `rpm -qfV /usr/share/foreman/app/models/setting.rb`

```
# rpm -qfV /usr/share/foreman/app/models/setting.rb
S.5....T. c /etc/foreman/database.yml
S.5....T. c /etc/foreman/settings.yaml
S.5....T. c /etc/sysconfig/foreman
```

and here is the output of: `scl enable ruby193 'gem list'`

```
# scl enable ruby193 'gem list'
```

```
*** LOCAL GEMS ***

actionmailer (3.2.8)
actionpack (3.2.8)
activemodel (3.2.8)
activerecord (3.2.8)
activeresource (3.2.8)
activesupport (3.2.8)
ancestry (2.0.0)
apipie-rails (0.1.2)
arel (3.0.2)
audited (3.0.0)
audited-activerecord (3.0.0)
bigdecimal (1.1.0)
bootstrap-sass (3.0.3.0)
builder (3.0.0)
bundler (1.3.5)
bundler_ext (0.3.0)
daemons (1.1.4)
deep_cloneable (1.6.0)
diff-lcs (1.1.3)
erubis (2.7.0)
eventmachine (0.12.10)
excon (0.32.1)
execjs (1.4.0)
fast_gettext (0.8.0)
fog (1.21.0)
fog-brightbox (0.0.1)
fog-core (1.21.1)
fog-json (1.0.0)
foreigner (1.4.2)
formatador (0.2.1)
gettext_i18n_rails (0.10.0)
gettext_i18n_rails_js (0.0.8)
hike (1.2.1)
i18n (0.6.0)
i18n_data (0.2.7)
io-console (0.3)
journey (1.0.4)
jquery-rails (2.0.2)
```

jquery-ui-rails (4.0.2)  
json (1.5.5)  
mail (2.4.4)  
mime-types (1.19)  
multi\_json (1.8.2)  
mysql2 (0.3.11)  
net-http-persistent (2.7)  
net-ldap (0.3.1)  
net-scp (1.1.0)  
net-ssh (2.6.7)  
netrc (0.7.7)  
nokogiri (1.5.11)  
oauth (0.4.7)  
passenger (4.0.18)  
po\_to\_json (0.0.7)  
polyglot (0.3.3)  
rabl (0.9.0)  
rack (1.4.1)  
rack-cache (1.2)  
rack-ssl (1.3.2)  
rack-test (0.6.1)  
rails (3.2.8)  
railties (3.2.8)  
rake (0.9.2.2)  
rdoc (3.9.5)  
ref (1.0.0)  
rest-client (1.6.7)  
ruby2ruby (2.0.1)  
ruby\_parser (3.1.1)  
safemode (1.2.1)  
sass (3.2.13)  
scoped\_search (2.7.1)  
sexp\_processor (4.1.3)  
sprockets (2.4.5)  
therubyracer (0.11.0beta5)  
thin (1.3.1)  
thor (0.18.1)  
tilt (1.3.3)  
treetop (1.4.10)  
twitter-bootstrap-rails (2.2.6)  
tzinfo (0.3.33)  
unf (0.1.3)  
unf\_ext (0.0.6)  
uuidtools (2.1.3)  
will\_paginate (3.0.2)

#### **#4 - 11/08/2014 09:49 PM - Roderick Day**

This may be closed. The underlying DB for the foreman was full. Cleaning it out resolved the issue.

#### **#5 - 11/10/2014 04:15 AM - Dominic Cleal**

- Status changed from Feedback to Resolved

Wow, obscure result. Glad you solved it!