

Foreman - Bug #14225

super: no superclass method `load_defaults' for #<Class:..> on startup

03/16/2016 04:54 AM - Dominic Cleal

Status:	Closed	
Priority:	High	
Assignee:	Dominic Cleal	
Category:	Settings	
Target version:	1.12.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/3332	

Description

Nightly tests on Debian Wheezy and Ubuntu Precise are failing to start the application under Apache with the following error:

```
[ pid=9283 thr=19585120 file=utils.rb:176 time=2016-03-16 08:51:14.807 ]: *** Exception NoMethodError in PhusionPassenger::Rack::ApplicationSpawner (super: no superclass method `load_defaults' for #<Class:0x00000002e035d8>) (process 9283, thread #<Thread:0x0000000255b0c0>):
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-4.1.14.2/lib/active_record/dynamic_matchers.rb:26:in `method_missing'
  from /usr/share/foreman/app/models/setting/general.rb:5:in `load_defaults'
  from /usr/share/foreman/config/initializers/foreman.rb:21:in `each'
  from /usr/share/foreman/config/initializers/foreman.rb:21:in `'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:241:in `load'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:241:in `block in load'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:232:in `load_dependency'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-4.1.14.2/lib/active_support/dependencies.rb:241:in `load'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/engine.rb:648:in `block in load_config_initializer'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-4.1.14.2/lib/active_support/notifications.rb:161:in `instrument'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/engine.rb:647:in `load_config_initializer'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/engine.rb:612:in `block (2 levels) in <class:Engine>'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/engine.rb:611:in `each'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/engine.rb:611:in `block in <class:Engine>'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/initializable.rb:30:in `instance_exec'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/initializable.rb:30:in `run'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/initializable.rb:55:in `block in run_initializers'
  from /usr/lib/ruby/1.9.1/tsort.rb:150:in `block in tsort_each'
  from /usr/lib/ruby/1.9.1/tsort.rb:183:in `block (2 levels) in each_strongly_connected_component'
  from /usr/lib/ruby/1.9.1/tsort.rb:210:in `block (2 levels) in each_strongly_connected_component_from'
  from /usr/lib/ruby/1.9.1/tsort.rb:219:in `each_strongly_connected_component_from'
  from /usr/lib/ruby/1.9.1/tsort.rb:209:in `block in each_strongly_connected_component_from'
  from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/initializable.rb:44:in `each'
```

```

    from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/initializable.r
b:44:in `tsort_each_child'
    from /usr/lib/ruby/1.9.1/tsort.rb:203:in `each_strongly_connected_component_from'
    from /usr/lib/ruby/1.9.1/tsort.rb:182:in `block in each_strongly_connected_component'
    from /usr/lib/ruby/1.9.1/tsort.rb:180:in `each'
    from /usr/lib/ruby/1.9.1/tsort.rb:180:in `each_strongly_connected_component'
    from /usr/lib/ruby/1.9.1/tsort.rb:148:in `tsort_each'
    from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/initializable.r
b:54:in `run_initializers'
    from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/application.rb:
300:in `initialize!'
    from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/railtie.rb:194:
in `public_send'
    from /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-4.1.14.2/lib/rails/railtie.rb:194:
in `method_missing'
    from /usr/share/foreman/config/environment.rb:5:in `'
    from config.ru:3:in `require'
    from config.ru:3:in `block in <main>'

```

These are the two Ruby 1.9.3 platforms remaining, so it *could* only affect 1.9.3. Reverting the commit in [#6924](#) lets the application load normally.

Related issues:

Related to Foreman - Bug #6924: UI should throw proper validation error while...

Closed

08/05/2014

Associated revisions

Revision f7f6bd5e - 03/17/2016 05:02 AM - Dominic Cleal

fixes #14225 - add missing require for Resolv

Setting itself is explicitly required too, which will provide a better error message in future for this and similar issues loading the class.

History

#1 - 03/16/2016 04:54 AM - Dominic Cleal

- Related to Bug #6924: UI should throw proper validation error while updating some params with any random value (like utf-8 or -ve values) added

#2 - 03/16/2016 05:20 AM - Dominic Cleal

The underlying error in the Setting class (visible when adding a require_dependency from the initialiser for setting.rb) is:

```

[ pid=9283 thr=19585120 file=utils.rb:176 time=2016-03-16 09:15:16.074 ]: *** Exception NameError in PhusionPa
ssenger::Rack::ApplicationSpawner (uninitialized constant Setting::Resolv) (process 9283, thread #<Thread:0x00
00000255b0c0>):
    from /usr/share/foreman/app/models/setting.rb:43:in `'
    from /usr/share/foreman/app/models/setting.rb:3:in `'
    from /usr/share/foreman/config/initializers/foreman.rb:17:in `'

```

#3 - 03/16/2016 05:31 AM - The Foreman Bot

- Status changed from Assigned to Ready For Testing

- Pull request <https://github.com/foreman/foreman/pull/3332> added

#4 - 03/17/2016 06:01 AM - Dominic Cleal

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [f7f6bd5e757e33617a5c6f707f6e949e619f4b97](#).