Foreman - Bug #25524
allow matching prerelease versions in requires_foreman_plugin
11/21/2018 09:59 AM - Ales Dujicek

Status: Closed
Priority: Normal
Assignee: Chris Duryee
Category: Plugin integration
Target version:
Difficulty:
Pull request: https://github.com/theforeman/foreman/pull/6313
Triaged: No
Fixed in Releases: 1.21.0
Bugzilla link:
Found in Releases: 1.21.0

Description
Katello nightly does not start with tfm-rubygem-foreman_scc_manager plugin

1. yum install tfm-rubygem-foreman_scc_manager
2. systemctl restart httpd

load UI:

Web application could not be started

ERF72-4785 [Foreman::PluginRequirementError]: foreman_scc_manager plugin requires the katello plugin >= 3.7.0 but current is 3.10.0.pre.master (Foreman::PluginRequirementError)
/usr/share/foreman/app/registries/foreman/plugin.rb:193:in `requires_foreman_plugin'
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman_scc_manager-1.4.0/lib/foreman_scc_manager/engine.rb:22:in `block (2 levels) in <class:Engine>'
/usr/share/foreman/app/registries/foreman/plugin.rb:74:in `instance_eval'
/usr/share/foreman/app/registries/foreman/plugin.rb:74:in `register'
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman_scc_manager-1.4.0/lib/foreman_scc_manager/engine.rb:20:in `block in <class:Engine>'
...

When I changed
/opt/theforeman/tfm/root/usr/share/gems/gems/foreman_scc_manager-1.4.0/lib/foreman_scc_manager/engine.rb
to
requires_foreman_plugin 'katello', '>= 3.10.0.pre.master'

A class was passed to `:class_name` but we are expecting a string. (ArgumentError)
/opt/theforeman/tfm-ror52/root/usr/share/gems/gems/activerecord-5.2.1/lib/active_record/reflection.rb:436:in `initialize'
/opt/theforeman/tfm-ror52/root/usr/share/gems/gems/activerecord-5.2.1/lib/active_record/reflection.rb:31:in `new'
/opt/theforeman/tfm-ror52/root/usr/share/gems/gems/activerecord-5.2.1/lib/active_record/reflection.rb:31:in `create'
/opt/theforeman/tfm-ror52/root/usr/share/gems/gems/activerecord-5.2.1/lib/active_record/associations/builder/association.rb:45:in `create_reflection'
/opt/theforeman/tfm-ror52/root/usr/share/gems/gems/activerecord-5.2.1/lib/active_record/associations/builder/association.rb:31:in `build'
...

package versions:
katello-3.10.0-6.el7.noarch
foreman-1.21.0-0.201811201830git6bbaa990.4.develop.el7.noarch
tfm-rubygem-foreman_scc_manager-1.4.0-3.fm1_20.el7.noarch

Associated revisions
Revision f531bb90 - 12/11/2018 09:34 AM - Chris Duryee
Fixes #25524 - allow matching prerelease versions

Previously, `requires_foreman_plugin` did not account for prerelease
versions, so if you required Katello 3.8 or later, Katello 3.10 prerelease would not satisfy the requirement.

This commit adds a `allow_prerelease` parameter which is enabled by default. When set to true, prerelease versions are acceptable for version matching.

For example:
```
```
ruby
requires_foreman_plugin 'katello', '>= 3.8.0'

requires_foreman_plugin 'katello', '>= 3.8.0', true
```
```

History

#1 - 11/21/2018 06:47 PM - John Mitsch
- Status changed from New to Need more information

Do you know if the foreman_scc_plugin works with standalone foreman?

#2 - 11/22/2018 07:05 AM - Ales Dujicek
- Status changed from Need more information to New

That plugin is in katello repository, should it work without katello?

Anyway, it doesn't.

Web application could not be started

undefined method `actions' for nil::NilClass (NoMethodError)

/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.10.0.pre.master/lib/katello/permissions/organization_permissions.rb:3:in `<top (required)>'
/opt/theforeman/tfm/root/usr/share/gems/gems/polyglot-0.3.5/lib/polyglot.rb:65:in `require'
/opt/theforeman/tfm-ror52/root/usr/share/gems/gems/activesupport-5.2.1/lib/active_support/dependencies.rb:287:in `block in require'
/opt/theforeman/tfm-ror52/root/usr/share/gems/gems/activesupport-5.2.1/lib/active_support/dependencies.rb:253:in `load_dependency'
/opt/theforeman/tfm-ror52/root/usr/share/gems/gems/activesupport-5.2.1/lib/active_support/dependencies.rb:287:in `require'
/opt/theforeman/tfm-ror52/root/usr/share/gems/gems/activesupport-5.2.1/lib/active_support/dependencies.rb:253:in `load_dependency'
/opt/theforeman/tfm-ror52/root/usr/share/gems/gems/activesupport-5.2.1/lib/active_support/dependencies.rb:287:in `require'
/opt/theforeman/tfm-ror52/root/usr/share/gems/gems/katello-3.10.0.pre.master/lib/katello/permissions.rb:2:in `block in <top (required)>'
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.10.0.pre.master/lib/katello/permissions.rb:1:in `each'
```

...
#3 - 11/28/2018 07:01 PM - Christine Fouant
- Triaged changed from No to Yes
- Target version set to Katello Backlog
- Assignee set to Chris Duryee

#4 - 11/30/2018 09:03 PM - Chris Duryee
It looks like the version matcher doesn’t like the ".pre.master" at the end of the string:

```ruby
irb(main):007:0> Gem::Dependency.new('', ' > 3.7.0').match?('3.10.0')
grep(main):008:0> Gem::Dependency.new('', ' > 3.7.0').match?('3.10.0.pre.master')
grep(main):009:0> matcher.match?('3.10.0.pre.master')
grep(main):010:0> matcher.prerelease = true
```

#5 - 12/05/2018 04:52 PM - Chris Duryee
I think if foreman supported setting the "prerelease" attribute when matching versions, this would work. For example:

```ruby
irb(main):005:0> matcher = Gem::Dependency.new('', ' > 3.7.0')
grep(main):006:0> matcher.prerelease = true
```

#6 - 12/05/2018 04:58 PM - Chris Duryee
- Target version deleted (Katello Backlog)
- Subject changed from foreman_scc_manager to allow matching prerelease versions in requires_foreman_plugin
- Project changed from Katello to Foreman

#7 - 12/05/2018 04:59 PM - Chris Duryee
- Triaged changed from Yes to No
- Assignee deleted (Chris Duryee)

#8 - 12/06/2018 04:54 PM - Chris Duryee
- Assignee set to Chris Duryee
- Category set to Plugin integration
#9 - 12/06/2018 04:55 PM - Chris Duryee
- Found in Releases 1.21.0 added
- Found in Releases deleted (Katello 3.10.0)

#10 - 12/06/2018 05:07 PM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/6313 added

#11 - 12/11/2018 09:34 AM - Tomer Brisker
- Fixed in Releases 1.21.0 added

#12 - 12/11/2018 10:01 AM - Chris Duryee
- Status changed from Ready For Testing to Closed

Applied in changeset f531bb90c4dc80735a00e96c33c430432126ee7f.