

Installer - Bug #34161

Katello 4.2 to 4.3 upgrade doesn't trigger apipie:cache:index, breaking some new hammer commands

12/16/2021 11:31 AM - Evgeni Golov

Status:	Closed	
Priority:	Normal	
Assignee:	Ewoud Kohl van Wijngaarden	
Category:	Foreman modules	
Target version:	3.1.1	
Difficulty:		Fixed in Releases: 3.1.1, 3.2.0
Triaged:	Yes	Found in Releases: 3.1.0, 3.2.0
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/puppet-for-eman/pull/1010	

Description

In Katello 4.2 hammer gained new parameters to "capsule content synchronize": --content-view and --repository.

However, for that to work, hammer needs a fresh apidoc, and it seems that wasn't generated.

From the upgrade log:

```
# grep -i 'Foreman::Rake.apipie:cache' /var/log/foreman-installer/katello.log
2021-12-16 10:45:57 [DEBUG ] [configure] Adding relationship from Foreman::Rake[db:seed] to Foreman::Rake[apipie:cache:index] with 'notify'
2021-12-16 10:45:57 [DEBUG ] [configure] Adding relationship from Package[tfm-rubygem-foreman-tasks] to Foreman::Rake[apipie:cache:index] with 'notify'
2021-12-16 10:45:57 [DEBUG ] [configure] Adding relationship from Package[tfm-rubygem-katello] to Foreman::Rake[apipie:cache:index] with 'notify'
2021-12-16 10:45:57 [DEBUG ] [configure] Adding relationship from Package[tfm-rubygem-foreman_puppet] to Foreman::Rake[apipie:cache:index] with 'notify'
2021-12-16 10:45:57 [DEBUG ] [configure] Adding relationship from Package[tfm-rubygem-foreman_remote_execution] to Foreman::Rake[apipie:cache:index] with 'notify'
2021-12-16 10:45:58 [DEBUG ] [configure] /Stage[main]/Foreman::Database/Foreman::Rake[db:seed]/notify: notify to Foreman::Rake[apipie:cache:index]
2021-12-16 10:45:58 [DEBUG ] [configure] /Stage[main]/Foreman::Plugin::Tasks/Foreman::Plugin[tasks]/Package[tfm-rubygem-foreman-tasks]/notify: notify to Foreman::Rake[apipie:cache:index]
2021-12-16 10:45:58 [DEBUG ] [configure] /Stage[main]/Katello::Application/Foreman::Plugin[katello]/Package[tfm-rubygem-katello]/notify: notify to Foreman::Rake[apipie:cache:index]
2021-12-16 10:45:58 [DEBUG ] [configure] /Stage[main]/Foreman::Plugin::Puppet/Foreman::Plugin[puppet]/Package[tfm-rubygem-foreman_puppet]/notify: notify to Foreman::Rake[apipie:cache:index]
2021-12-16 10:45:58 [DEBUG ] [configure] /Stage[main]/Foreman::Plugin::Remote_execution/Foreman::Plugin[remote_execution]/Package[tfm-rubygem-foreman_remote_execution]/notify: notify to Foreman::Rake[apipie:cache:index]
2021-12-16 10:45:58 [DEBUG ] [configure] /Stage[main]/Foreman/Foreman::Rake[apipie:cache:index]/Exec[foreman-rake-apipie:cache:index]: Adding autorequire relationship with User[foreman]
2021-12-16 10:46:44 [DEBUG ] [configure] Foreman::Rake[apipie:cache:index]: Starting to evaluate the resource (1274 of 1894)
2021-12-16 10:46:44 [DEBUG ] [configure] Foreman::Rake[apipie:cache:index]: Evaluated in 0.00 seconds
2021-12-16 10:46:44 [DEBUG ] [configure] /Stage[main]/Foreman/Foreman::Rake[apipie:cache:index]/Exec[foreman-rake-apipie:cache:index]: Starting to evaluate the resource (1284 of 1894)
2021-12-16 10:46:44 [DEBUG ] [configure] /Stage[main]/Foreman/Foreman::Rake[apipie:cache:index]/Exec[foreman-rake-apipie:cache:index]: '/usr/sbin/foreman-rake apipie:cache:index' won't be executed because of failed check 'refreshonly'
2021-12-16 10:46:44 [DEBUG ] [configure] /Stage[main]/Foreman/Foreman::Rake[apipie:cache:index]/Exec[foreman-rake-apipie:cache:index]: Evaluated in 0.00 seconds
2021-12-16 10:46:44 [DEBUG ] [configure] Foreman::Rake[apipie:cache:index]: Starting to evaluate the resource (1285 of 1894)
```

```
2021-12-16 10:46:44 [DEBUG ] [configure] Foreman::Rake[apipie:cache:index]: Evaluated in 0.00 seconds
```

I would expect to see the following line:

```
[DEBUG ] [configure] Executing with uid=foreman: '/usr/sbin/foreman-rake apipie:cache:index'
```

Environment:

- CentOS 7
- puppet-agent-6.25.1-1.el7.x86_64

Steps to reproduce:

- Install Katello 4.2
- yum localinstall https://yum.theforeman.org/releases/3.1/el7/x86_64/foreman-release.rpm
https://yum.theforeman.org/katello/4.3/katello/el7/x86_64/katello-repos-latest.rpm
- foreman-maintain service stop
- yum upgrade
- foreman-installer
- hammer --reload-cache capsule content synchronize --help → no --content-view
- foreman-rake apipie:cache:index
- hammer --reload-cache capsule content synchronize --help → --content-view now present

Associated revisions

Revision a293e008 - 12/16/2021 04:20 PM - Ewoud Kohl van Wijngaarden

Fixes #34161 - Run apipie:cache:index after db:migrate

With Puppet you can write:

```
Class['A'] ~> Class['B'] ~> Class['C']
```

This implies `Class['A'] ~> Class['C']` and `rspec-puppet` actually will tell you that chaining is there, but it doesn't actually happen. This was reported in <https://github.com/rodjek/rspec-puppet/pull/821>.

In this particular case it means that if DB seeding doesn't happen then the apipie caches indexes aren't refreshed. By chaining it to `db:migrate` there's a much bigger chance it actually happens.

Normally `apipie:cache:index` needs to run after a package is updated so ideally this would actually be done in packaging, but this is the workaround we've been using for a long time.

History

#1 - 12/16/2021 11:32 AM - Evgeni Golov

- Subject changed from *Katello 4.2 to 4.2 upgrade doesn't trigger apipie:cache:index, breaking some new hammer commands to Katello 4.2 to 4.3 upgrade doesn't trigger apipie:cache:index, breaking some new hammer commands*

#2 - 12/16/2021 03:49 PM - The Foreman Bot

- Status changed from *New* to *Ready For Testing*
- Assignee set to *Ewoud Kohl van Wijngaarden*
- Pull request <https://github.com/theforeman/puppet-foreman/pull/1010> added

#3 - 12/17/2021 10:04 AM - The Foreman Bot

- Fixed in Releases *3.2.0* added

#4 - 12/17/2021 11:01 AM - Ewoud Kohl van Wijngaarden

- Status changed from *Ready For Testing* to *Closed*

Applied in changeset [puppet-foreman|a293e0084d3c2d62c12ccc6a13338b5db01fe8cf](https://puppet-foreman.com/changeset/puppet-foreman|a293e0084d3c2d62c12ccc6a13338b5db01fe8cf).

#5 - 01/14/2022 05:15 PM - Ewoud Kohl van Wijngaarden

- *Category set to Foreman modules*
- *Target version set to 3.1.1*

This is affecting Foreman 3.1 and blocking Katello 4.3's pipelines. It should be cherry picked.

#6 - 01/26/2022 01:04 PM - Ewoud Kohl van Wijngaarden

- *Triaged changed from No to Yes*
- *Fixed in Releases 3.1.1 added*

Files

katello-4.3.log.gz	134 KB	12/16/2021	Evgeni Golov
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