

## Katello - Bug #24077

### Uncaught exception when pulp task isnt created from dynflow step

06/26/2018 12:55 PM - Adam Ruzicka

<b>Status:</b> New	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Repositories	
<b>Target version:</b> Katello Backlog	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b> Yes	<b>Found in Releases:</b>
<b>Bugzilla link:</b> 1594570	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
Cloned from <a href="https://bugzilla.redhat.com/show_bug.cgi?id=1594570">https://bugzilla.redhat.com/show_bug.cgi?id=1594570</a>	
<b>Description of problem:</b>	
When a Content Host:	
- installs package (or does any other activity that triggers Actions::Katello::Host::UploadPackageProfile task)	
- and promptly unregisters itself,	
the UploadPackageProfile task can fail on Actions::Pulp::Consumer::GenerateApplicability step as pulp returns "Pulp consumer 8b042949-3daa-49a2-9827-21ccd982227b not found" instead of task ID for the regenerate_applicability task. This is not further handled properly by katello or foreman tasks, since:	
- task itself raises uncaught exception (see below)	
- sometimes the task ends up in paused/error state (this is bit tricky to reproduce)	
Please improve this error handling.	
<b>Version-Release number of selected component (if applicable):</b>	
Sat6.3.1	
tfm-rubygem-katello-3.4.5.64-1.el7sat.noarch	
tfm-rubygem-dynflow-0.8.34-1.fm1_15.el7sat.noarch	
<b>How reproducible:</b>	
100% (the error)	
20% (the stuck task)	
<b>Steps to Reproduce:</b>	
1. Register a system to Satellite, attach a subscription	
2. Artificially send package profile (just for the sake of speeding up the reproducer; it is a race condition; the real use case behind involves package removal at this state, what triggers <b>one</b> profile upload that <b>might</b> repro the bug)	
for i in \$(seq 1 20); do katello-package-upload --force & done	
3. Few seconds after that, unregister the system	
4. Optionally, for reproducing also the paused/error tasks, restart foreman-tasks service few seconds after system unregistered. (this step isnt required for the uncaught exception)	
5. Check tasks with error result, optionally in paused/error state/result.	
<b>Actual results:</b>	
5. There will be always error-result tasks (that's OK) with exception (that's not OK):	
Error:	
NoMethodError	
undefined method `each' for true:TrueClass	

```
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- "/opt/foreman-tfm/root/usr/share/gems/gems/katello-3.4.5.64/app/lib/actions/pulp/abstract_async_task.rb:108:in
`external_task="
- "/opt/foreman-tfm/root/usr/share/gems/gems/dynflow-0.8.34/lib/dynflow/action/polling.rb:83:in
`initiate_external_action"
- "/opt/foreman-tfm/root/usr/share/gems/gems/dynflow-0.8.34/lib/dynflow/action/polling.rb:18:in
`run"
- "/opt/foreman-tfm/root/usr/share/gems/gems/dynflow-0.8.34/lib/dynflow/action/cancellable.rb:13:in
`run"
- "/opt/foreman-tfm/root/usr/share/gems/gems/katello-3.4.5.64/app/lib/actions/pulp/abstract_async_task.rb:45:in
`run"
- "/opt/foreman-tfm/root/usr/share/gems/gems/dynflow-0.8.34/lib/dynflow/action.rb:518:in
`block (3 levels) in execute_run"
- "/opt/foreman-tfm/root/usr/share/gems/gems/dynflow-0.8.34/lib/dynflow/middleware/stack.rb:26:in
`pass"
- "/opt/foreman-tfm/root/usr/share/gems/gems/dynflow-0.8.34/lib/dynflow/middleware.rb:18:in
`pass"
- "/opt/foreman-tfm/root/usr/share/gems/gems/dynflow-0.8.34/lib/dynflow/middleware.rb:31:in
`run"
- "/opt/foreman-tfm/root/usr/share/gems/gems/dynflow-0.8.34/lib/dynflow/middleware/stack.rb:22:in
`call"
- "/opt/foreman-tfm/root/usr/share/gems/gems/dynflow-0.8.34/lib/dynflow/middleware/stack.rb:26:in
`pass"
..
```

Optionally, if you are unlucky enough, such a task is paused and hangs paused forever.

#### Expected results:

Provide better error text (i.e. pass the "Pulp consumer 8b042949-3daa-49a2-9827-21ccd982227b not found." error text) in the dynflow external task error text.

Ensure such task is not paused when foreman-tasks is being restarted while processing this task.

#### Additional info:

#### Related issues:

Related to Katello - Bug #21797: do not log stack trace if generateapplicabil...

Closed

11/28/2017

#### History

##### #1 - 06/26/2018 12:57 PM - Adam Ruzicka

- Related to Bug #21797: do not log stack trace if generateapplicability generates a 404 added

##### #2 - 06/27/2018 05:47 PM - Andrew Kofink

- translation missing: en.field\_release set to 338

##### #3 - 08/03/2018 05:20 PM - Jonathon Turel

- Target version changed from Katello 3.7.0 to Katello Backlog