

## Pulp - Refactor #2658

### Update Pulp's apply\_async function signature to conform with Celery's

03/23/2017 02:23 PM - bizhang

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	fdobrovo	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0:00 hour
<b>Sprint/Milestone:</b>	3.0.0	<b>Tags:</b>	
<b>Platform Release:</b>		<b>Sprint:</b>	Sprint 20
<b>Groomed:</b>	Yes	<b>Quarter:</b>	
<b>Sprint Candidate:</b>	Yes		

**Description**

Currently pulp's apply\_async function signature [0] does not explicitly match Celery's [1]  
This has caused some confusion over what to pass to Pulp's apply\_async [2]

Refactoring our apply\_async signature to take in the keyword arguments 'args' and 'kwargs' may be ugly, but it does explicitly state that these are the arguments that Celery passes to a task. It also allows us to distinguish between the arguments for celery, and the arguments for our task.

We should also document how to kick off Pulp3 apply\_async and apply\_async\_with\_reservations tasks in a blog post

[0] <https://github.com/pulp/pulp/blob/3.0-dev/tasking/pulp/tasking/tasks.py#L211>  
[1] [http://docs.celeryproject.org/en/latest/reference/celery.app.task.html#celery.app.task.Task.apply\\_async](http://docs.celeryproject.org/en/latest/reference/celery.app.task.html#celery.app.task.Task.apply_async)  
[2] <https://github.com/pulp/pulp/pull/2971>

#### Associated revisions

##### Revision 4518a20a - 06/02/2017 06:35 PM - fdobrovo

Update apply\_async and apply\_async\_with\_reservations signatures

closes #2658 <https://pulp.plan.io/issues/2658>

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Update apply\_async and apply\_async\_with\_reservations signatures

closes #2658 <https://pulp.plan.io/issues/2658>

#### History

##### #1 - 04/06/2017 03:45 PM - dkliban@redhat.com

- Groomed changed from No to Yes

- Sprint Candidate changed from No to Yes

##### #2 - 04/06/2017 04:53 PM - mhrivnak

- Sprint/Milestone set to 37

##### #3 - 04/10/2017 10:11 PM - bizhang

Documentation for running apply\_async and apply\_async\_with\_reservation is now in the pulp wiki

[https://pulp.plan.io/projects/pulp/wiki/Pulp\\_3\\_Developer\\_Notes](https://pulp.plan.io/projects/pulp/wiki/Pulp_3_Developer_Notes)

##### #4 - 04/13/2017 05:35 PM - fdobrovo

- Status changed from NEW to ASSIGNED

- Assignee set to fdobrovo

##### #5 - 04/29/2017 04:35 PM - ttereshc

- Status changed from ASSIGNED to POST

<https://github.com/pulp/pulp/pull/3002>

**#6 - 05/01/2017 04:15 PM - jortel@redhat.com**

- *Sprint/Milestone changed from 37 to 38*

**#7 - 05/22/2017 10:48 PM - mhrivnak**

- *Sprint/Milestone changed from 38 to 39*

**#8 - 06/02/2017 07:06 PM - fdobrovo**

- *Status changed from POST to MODIFIED*

- *% Done changed from 0 to 100*

Applied in changeset [pulp4518a20a0ff124fbd8069f4ce9378386279d0782](#).

**#9 - 03/09/2018 12:14 AM - bmbouter**

- *Sprint set to Sprint 20*

**#10 - 03/09/2018 12:15 AM - bmbouter**

- *Sprint/Milestone deleted (39)*

**#11 - 04/25/2019 06:46 PM - daviddavis**

- *Sprint/Milestone set to 3.0.0*

**#12 - 04/26/2019 10:38 PM - bmbouter**

- *Tags deleted (Pulp 3)*

**#13 - 12/13/2019 06:16 PM - bmbouter**

- *Status changed from MODIFIED to CLOSED - CURRENTRELEASE*