

# Production Operations Management Service (POMS) - Feature #21955

## poms client submit a job by campaign

02/22/2019 10:02 AM - Yuyi Guo

<b>Status:</b>	Closed	<b>Start date:</b>	02/22/2019
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Marc Mengel	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v4_1_1	<b>Spent time:</b>	0.00 hour
<b>Scope:</b>	Internal	<b>Stakeholders:</b>	
<b>Experiment:</b>	-		

### Description

the current submission function is at stage level. We should allow to submit by campaign and it will start the first stage of the campaign.

Marc, I have to mark all the new features with high priority because Project-py depends on these.

### History

#### #1 - 03/08/2019 09:50 AM - Marc Mengel

- Status changed from New to Resolved

We now have:

```
def launch_campaign_stage_jobs(campaign_stage_id, test=None, experiment=None, configfile=None):
def launch_campaign_jobs(campaign_id, test=None, experiment=None, configfile=None):
```

to launch a specific stage, or to launch a campaign at the beginning.

#### #2 - 03/08/2019 11:04 AM - Yuyi Guo

2019-03-08 11:02:44,917 - ERROR - Failed to submit a campaign.

Traceback (most recent call last):

File "/Users/yuyi2/PycharmProjects/project-py/bin/poms\_cli.py", line 250, in <module>

experiment=my\_experiment)

File "/Users/yuyi2/PycharmProjects/poms/poms\_client/python/poms\_client.py", line 133, in launch\_campaign\_jobs

experiment=experiment)

File "/Users/yuyi2/PycharmProjects/poms/poms\_client/python/poms\_client.py", line 478, in make\_poms\_call

raise RuntimeError( "POMS call %s error: HTTP status: %d\n%s" % ( method, status\_code, res ))

RuntimeError: POMS call launch\_campaign error: HTTP status: 500

Traceback (most recent call last):

File "/home/poms/venvs/poms36\_venv/lib/python3.6/site-packages/cherrypy/\_cprequest.py", line 630, in respond

self.\_do\_respond(path\_info)

File "/home/poms/venvs/poms36\_venv/lib/python3.6/site-packages/cherrypy/\_cprequest.py", line 689, in \_do\_respond

response.body = self.handler()

File "/home/poms/venvs/poms36\_venv/lib/python3.6/site-packages/cherrypy/lib/encoding.py", line 221, in call

self.body = self.oldhandler(\*args, \*\*kwargs)

File "/home/poms/venvs/poms36\_venv/lib/python3.6/site-packages/cherrypy/\_cpdispatch.py", line 54, in call

return self.callable(\*self.args, \*\*self.kwargs)

File "/home/poms/poms\_releases/current/poms/poms/webservice/poms\_service.py", line 123, in wrapper

return f(\*args, \*\*kwargs)

File "/home/poms/poms\_releases/current/poms/poms/webservice/logit.py", line 18, in wrapper

return function(\*args, \*\*kwargs)

File "/home/poms/poms\_releases/current/poms/poms/webservice/poms\_service.py", line 1093, in launch\_campaign

output\_commands=output\_commands)

File "/home/poms/poms\_releases/current/poms/poms/webservice/CampaignsPOMS.py", line 402, in launch\_campaign

experiment, test\_launch, output\_commands

File "/home/poms/poms\_releases/current/poms/poms/webservice/TaskPOMS.py", line 1191, in launch\_jobs

launch\_time = launch\_time)

File "/home/poms/poms\_releases/current/poms/poms/webservice/TaskPOMS.py", line 407, in get\_task\_id\_for

s = Submission(campaign\_stage\_id=cs.campaign\_stage\_id,

AttributeError: 'NoneType' object has no attribute 'campaign\_stage\_id'

ERROR: \_\_main\_\_:Failed to submit a campaign.

```
Traceback (most recent call last):
File "/Users/yuyi2/PycharmProjects/project-py/bin/poms_cli.py", line 250, in <module>
experiment=my_experiment)
File "/Users/yuyi2/PycharmProjects/poms/poms_client/python/poms_client.py", line 133, in launch_campaign_jobs
experiment=experiment)
File "/Users/yuyi2/PycharmProjects/poms/poms_client/python/poms_client.py", line 478, in make_poms_call
raise RuntimeError( "POMS call %s error: HTTP status: %d\n%s" % ( method, status_code, res ))
RuntimeError: POMS call launch_campaign error: HTTP status: 500
Traceback (most recent call last):
File "/home/poms/venvs/poms36_venv/lib/python3.6/site-packages/cherrypy/_cprequest.py", line 630, in respond
self._do_respond(path_info)
File "/home/poms/venvs/poms36_venv/lib/python3.6/site-packages/cherrypy/_cprequest.py", line 689, in _do_respond
response.body = self.handler()
File "/home/poms/venvs/poms36_venv/lib/python3.6/site-packages/cherrypy/lib/encoding.py", line 221, in call
self.body = self.oldhandler(*args, **kwargs)
File "/home/poms/venvs/poms36_venv/lib/python3.6/site-packages/cherrypy/_cpdispatch.py", line 54, in call
return self.callable(*self.args, **self.kwargs)
File "/home/poms/poms_releases/current/poms/poms/webservice/poms_service.py", line 123, in wrapper
return f(*args, **kwargs)
File "/home/poms/poms_releases/current/poms/poms/webservice/logit.py", line 18, in wrapper
return function(*args, **kwargs)
File "/home/poms/poms_releases/current/poms/poms/webservice/poms_service.py", line 1093, in launch_campaign
output_commands=output_commands)
File "/home/poms/poms_releases/current/poms/poms/webservice/CampaignsPOMS.py", line 402, in launch_campaign
experiment, test_launch, output_commands
File "/home/poms/poms_releases/current/poms/poms/webservice/TaskPOMS.py", line 1191, in launch_jobs
launch_time = launch_time)
File "/home/poms/poms_releases/current/poms/poms/webservice/TaskPOMS.py", line 407, in get_task_id_for
s = Submission(campaign_stage_id=cs.campaign_stage_id,
AttributeError: 'NoneType' object has no attribute 'campaign_stage_id'
```

mac-131688:test-project-py yuyi2\$

### #3 - 03/08/2019 12:53 PM - Marc Mengel

Yuyi,

You got this because you were trying to launch Nova campaigns as a uboone user.  
(id 2386 = nova's prod\_mcgen\_fd\_genie\_fhc\_fluxswap\_cosmic\_overlay  
id 2836 = nova's MiniProd4\_FDCosmicOverlay\_FHC\_170920\_v3)

The database queried for a uboone campaign stage with that Id and got nothing back.

### #4 - 03/08/2019 04:12 PM - Yuyi Guo

- Status changed from Resolved to Feedback

Oh ! The campaign should be 3286, but I wrote 2386. After that was corrected, I was able to submit the campaign. 2836 is actually is a campaign stage id in uboone. Everything works now.

I would like to ask to send out meaning for errors when the user gave something wrong, such as HTTP 400 or something like you id is not valid.

### #5 - 04/01/2019 05:01 PM - Marc Mengel

- % Done changed from 0 to 100

- Status changed from Feedback to Resolved

### #6 - 04/17/2019 11:42 AM - Stephen White

- Status changed from Resolved to Closed