Production Operations Management Service (POMS) - Feature #22959

POMS API to update parameter override for a campaign stage

07/18/2019 04:41 PM - Vito Di Benedetto

Status:	Resolved		**Start date:**	07/18/2019
Priority:	Normal		**Due date:**	
Assignee:	Vladimir Podstavkov		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	v4_2_0		**Spent time:**	4.00 hours
Scope:	Internal		**Stakeholders:**	
Experiment:	-			

Description

In some circumstances it is useful for project-py to be able to override some parameters for a campaign stage.

As an example in the yuyi_test_dune5 campaign (in DUNE analysis)
https://pomsgpvm01.fnal.gov/poms/gui_wf_edit?campaign=yuyi_test_dune5

we would like to have an API to modify parameter_override content.

If it is possible, new parameter_override elements that matches existing one, they should replace them.
Otherwise new parameter_override elements can just be appended to the existing ones.

Example of strings that will be used to update parameter_override content, could be like

-Osam_consumer.limit=12
-Osubmit.N=10

History

#1 - 07/31/2019 12:24 PM - Vladimir Podstavkov

- % Done changed from 0 to 90

- Status changed from New to Work in progress

This is an example how to use it:

```
r = update_stage_param_overrides(
    'samdev',
    'clone_of_generic_analysis',
    'analyze',
    str([['Oglobal.fclfile=','my_analysis.fcl123'], ['-Oglobal.sam_dataset=','']]))
```

)

The arguments are: experiment name, campaign name, stage name, string representing a list of [k,v] pairs.
If the value for the key is provided it will be set, if the value is empty the key will be removed.
So it this example the key '-Oglobal.sam_dataset=' will be removed from param_overrides.

#2 - 07/31/2019 02:01 PM - Vladimir Podstavkov

- % Done changed from 90 to 100

- Status changed from Work in progress to Resolved

#3 - 08/20/2019 04:43 PM - Yuyi Guo

- Target version set to v4_2_0

Hi Vladimir,

Could you add another signature to this API by having stage_id as input ? Current it uses campaign_name and stage_name, but in some use case, we only know stage id.
I thought that it is easy to understand the request by continuing in the same ticket instead of opening a new one although this one is already 100% done for the original request.
Thanks,
Yuyi

Files

campaign_stage_paraneter_override.png	38.8 KB	07/18/2019	Vito Di Benedetto

#2 - 07/31/2019 02:01 PM - Vladimir Podstavkov

- % Done changed from 90 to 100