

Production Operations Management Service (POMS) - Feature #21752

SAM Metadata fields include POMS campaign ID and submission ID?

01/23/2019 12:28 PM - Yuyi Guo

Status:	New	Start date:	01/23/2019
Priority:	Normal	Due date:	
Assignee:	Marc Mengel	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Scope:	Internal	Stakeholders:	
Experiment:	-		

Description

A analysis user asked below features from project-py, but this is real a POMS requirement.

" Ideally, a metadata field indicating some sort of POMS campaign ID and submission ID should be added to files declared to SAM. Users should be able to look up that POMS campaign and submission in the POMS Web UI and find all the related information such as FHiCL files used, dataset processed etc.

"

Please let me know how you answer his questions/requests.

History

#1 - 01/23/2019 01:05 PM - Marc Mengel

We have the facilities to add this, if users want, with `fife_launch/fife_wrap` in `fife_utils`; assuming they are having `fife_wrap` declare the files. They would need to first have a SAM admin for their experiment add a field for it:

```
samweb add-parameter -e experiment POMS.CAMPAIGN_STAGE_ID int
samweb add-parameter -e experiment POMS.SUBMISSION_ID int
```

then they can add in the `fife_launch` config:

```
...
[job_output]
...
add_metadata = POMS.CAMPAIGN_STAGE_ID=${POMS_CAMPAIGN_ID}
add_metadata_1 = POMS.SUBMISSION_ID=${POMS_TASK_ID}
```

Or, if they want to include this in their metadata in their code, they could also do that -- in the current release they can put `$POMS_CAMPAIGN_ID` from the environment in their metadata.

Note:

In poms v4_1_0 there will be a better-named environment variables:

```
POMS4_CAMPAIGN_ID
POMS4_CAMPAIGN_STAGE_ID
POMS4_SUBMISSION_ID
```

#2 - 01/23/2019 01:16 PM - Marc Mengel

Fixed example -- should have been `add_metadata_1` (with 2 underscores)...

#3 - 01/23/2019 01:27 PM - Marc Mengel

See for example:

<http://samweb.fnal.gov:8480/sam/samdev/api/files/name/gen-f2baea53-c306-4730-8c4c-03a7a6708274.root/metadata>

which was generated with the above recipe.

#4 - 01/23/2019 02:58 PM - Yuyi Guo

- % Done changed from 0 to 100

Marc,

Thanks for the reply. It is great that POMS already covered these.

#5 - 06/07/2019 03:38 PM - Yuyi Guo

This is required by Dune. We may need to separate templates for different experiments? I will ask Dune to add below in sam

...

```
samweb add-parameter -e experiment POMS.CAMPAIGN_STAGE_ID int
```

```
samweb add-parameter -e experiment POMS.SUBMISSION_ID int
```

...