

## JobSub - Feature #10643

### Add ifdh log info from jobsub\_wrapper

10/26/2015 09:52 AM - Michael Diesburg

<b>Status:</b>	Closed	<b>Start date:</b>	10/26/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Michael Diesburg	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v1.1.9	<b>Spent time:</b>	0.00 hour
<b>Stakeholders:</b>			

#### Description

We would like to have the jobsub\_wrapper script log some additional information via the "ifdh log" command. Specifically, we would like it to log a json format string with the following information:

```
poms_data="{ \"campaign_id\" : \"$CAMPAIGN_ID\", \"task_definition_id\" : \"$TASK_DEFINITION_ID\", \"task_id\" : \"$POMS_TASK_ID\", \"job_id\" : \"$POMS_JOB_ID\", \"batch_id\" : \"$JOBSUBJOBID\", \"host_site\" : \"$HOST_SITE\", \"bogomips\" : \"$BOGOMIPS\", \"node_name\" : \"$NODE_NAME\", \"vendor_id\" : \"$VENDOR_ID\" }"
```

Note in the above string the "\"" were there strictly to escape the quotes for a test. They should not show up in the actual string that is logged. I believe the environment variables referenced above are either already present or will be passed through from jobsub\_submit. The exceptions to that are these three variables:

```
BOGOMIPS  
NODE_NAME  
VENDOR_ID
```

The above should be set as:

```
NODE_NAME=`hostname`  
BOGOMIPS=`grep bogomips /proc/cpuinfo | tail -1 | cut -d ' ' -f2`  
VENDOR_ID=`grep vendor_id /proc/cpuinfo | tail -1 | cut -d ' ' -f2`
```

The above is meant as an example of a way to get this info. I don't care how it is actually accomplished. Since there are multiple entries for "bogomips" and "vendor\_id" in cpuinfo you may take of the entries even though they may not all be exactly the same.

Thanks.

Michael Diesburg

#### History

##### #1 - 11/05/2015 02:31 PM - Dennis Box

- Target version set to v1.1.9

##### #2 - 11/19/2015 03:47 PM - Dennis Box

- Assignee set to Dennis Box

##### #3 - 12/02/2015 08:06 PM - Dennis Box

Hi Mike:

Here is a sample output line from the ifdh logs:

```
2015-12-02T20:04:27-06:00 fermicloud042.fnal.gov dbox/nova/240476.0@fermicloud042.fnal.gov/v1_8_7/nova2623442: ifdh:  
poms_data={"campaign_id":"","task_definition_id":"","task_id":"","job_id":"","batch_id":"240476.0@fermicloud042.fnal.gov",  
"host_site":"","bogomips":4399.99,"node_name":"fermicloud042.fnal.gov","vendor_id":"GenuineIntel"}
```

Is this what you want?

Dennis

**#4 - 12/02/2015 08:09 PM - Dennis Box**

- *Status changed from New to Feedback*
- *Assignee changed from Dennis Box to Michael Diesburg*

see output in ifdh logs on fifemon1 at /fife/local/home/ifmon/logs  
also see jobsub git branch 10643

**#5 - 01/08/2016 05:12 PM - Dennis Box**

- *Status changed from Feedback to Closed*