

# Production Operations Management Service (POMS) - Bug #17027

## Unusual Completed but not Located job counts for NOvA

06/26/2017 11:46 AM - Marc Mengel

<b>Status:</b>	Closed	<b>Start date:</b>	06/26/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v2_1_3	<b>Spent time:</b>	0.00 hour
<b>First Occurred:</b>		<b>Experiment:</b>	-
<b>Scope:</b>	Internal	<b>Stakeholders:</b>	

### Description

2) Check on the validity of numbers on the front page. We get tons of jobs listed as "completed, but producing no children."

This ought to be jobs which had output files that aren't declared.

May be a failing in our output file patterns for NOvA, so we think log files, etc. that aren't ever declared are output files(?).

### History

#### #1 - 06/26/2017 11:47 AM - Marc Mengel

- Target version set to v2\_1\_3

#### #2 - 06/26/2017 02:27 PM - Marc Mengel

So I've confirmed that we have (numerous) jobs whose output files all have declared dates but who are still listed as Completed not Located. For example:

```
^
pomsprd=> select * from jobs where job_id = 1428670;
 job_id | task_id |          jobsub_job_id          | node_name | cpu_type | host_site | status
 |         updated          | output_files_declared | user_exe_exit_code | input_file_names | reason_held
 | consumer_id | cpu_time | wall_time
-----+-----+-----+-----+-----+-----+-----
+-----+-----+-----+-----+-----+-----+-----
1428670 | 27187 | 18466966.157@fifebatch2.fnal.gov | compute-20-2.tier2 | unknown | Caltech | Completed
 | 2017-04-01 02:47:58.185245-05 | f | 0 | | |
 | | 0 |
(1 row)
```

```
pomsprd=> select * from job_files where job_id = 1428670;
 job_id |          file_name          | file_type | created
 | declared
-----+-----+-----+-----+-----+-----
1428670 | fardet_r00025768_s62_DDsnews.raw | input | 2017-04-01 02:19:27
.211184-05 |
1428670 | fardet_r00025768_s62_ddsnews_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:19:49
.252711-05 |
1428670 | fardet_r00025769_s10_ddnumu_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:19:00
.641554-05 |
1428670 | fardet_r00025769_s34_ddcontained_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:14:00
.618194-05 |
1428670 | fardet_r00025770_s32_DaqStatus.raw | input | 2017-04-01 02:07:44
.375026-05 |
1428670 | fardet_r00025770_s32_daqstatus_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:08:07
.093811-05 |
1428670 | fardet_r00025770_s57_t05_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:12:03
.315091-05 |
1428670 | fardet_r00025771_s35_DaqStatus.raw | input | 2017-04-01 02:41:18
.405158-05 |
1428670 | fardet_r00025771_s35_daqstatus_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:41:26
.969502-05 |
1428670 | fardet_r00025771_s35_daqstatus_S17-02-21_v1_data.artdaq.root | output | 2017-04-01 02:41:20
.613852-05 | 2017-04-01 02:45:55.801477-05
```

```

1428670 | fardet_r00025771_s45_ddsnews_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:17:54
.858054-05 |
1428670 | fardet_r00025771_s45_ddsnews_S17-02-21_v1_data.artdaq.root | output | 2017-04-01 02:17:48
.318734-05 | 2017-04-01 02:45:55.801477-05
1428670 | fardet_r00025773_s27_DDsnews.raw | input | 2017-04-01 02:37:26
.696232-05 |
1428670 | fardet_r00025773_s27_ddsnews_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:38:01
.678549-05 |
1428670 | fardet_r00025773_s27_ddsnews_S17-02-21_v1_data.artdaq.root | output | 2017-04-01 02:37:43
.259168-05 | 2017-04-01 02:45:55.801477-05
1428670 | fardet_r00025773_s44_DDsun.raw | input | 2017-04-01 02:08:07
.097101-05 |
1428670 | fardet_r00025773_s44_ddsun_S17-02-21_v1_data.artdaq.root | output | 2017-04-01 02:10:05
.595465-05 | 2017-04-01 02:45:55.801477-05
1428670 | fardet_r00025775_s23_ddsnews_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:19:22
.466537-05 |
1428670 | fardet_r00025776_s02_DDslowmono.raw | input | 2017-04-01 02:31:57
.322435-05 |
1428670 | fardet_r00025776_s02_ddslowmono_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:37:22
.956597-05 |
1428670 | fardet_r00025776_s02_ddslowmono_S17-02-21_v1_data.artdaq.root | output | 2017-04-01 02:36:44
.164921-05 | 2017-04-01 02:45:55.801477-05
1428670 | fardet_r00025776_s08_ddcontained_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:31:53
.983702-05 |
1428670 | fardet_r00025776_s08_ddcontained_S17-02-21_v1_data.artdaq.root | output | 2017-04-01 02:31:26
.970422-05 | 2017-04-01 02:45:55.801477-05
1428670 | fardet_r00025776_s51_t05.raw | input | 2017-04-01 02:14:02
.567417-05 |
1428670 | fardet_r00025776_s58_ddupmu_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:24:06
.691844-05 |
1428670 | fardet_r00025777_s10_ddenergy_S17-02-21_v1_data.artdaq.root | output | 2017-04-01 02:22:17
.577415-05 | 2017-04-01 02:45:55.801477-05
1428670 | fardet_r00025777_s14_ddfastmono_S17-02-21_v1_data.artdaq.root | output | 2017-04-01 02:23:23
.053015-05 | 2017-04-01 02:45:55.801477-05
1428670 | fardet_r00025777_s18_ddslowmono_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:29:19
.181997-05 |
1428670 | fardet_r00025777_s18_ddslowmono_S17-02-21_v1_data.artdaq.root | output | 2017-04-01 02:28:57
.101057-05 | 2017-04-01 02:45:55.801477-05
1428670 | fardet_r00025777_s35_t05_S17-02-21_v1_data.artdaq.log.bz2 | log | 2017-04-01 02:40:43
.693267-05 |
1428670 | log.txt.bz2 | log | 2017-04-01 02:08:07
.094284-05 |
(31 rows)

```

```
pomsprd=> \q
```

All of the output files have declared dates, but the job is still listed as Completed.

So doing a little digging:

```

pomsprd=> select count(*) from jobs where status = 'Completed' and (select count(*) from job_files where job_f
iles.job_id = jobs.job_id and job_files.file_type = 'output' and job_files.declared is null) = 0;
count
-----
137001
(1 row)

```

looks like we have quite a few such jobs... I think I need to just put an updater into one of our periodic cleanup calls, like wrapup\_tasks... Ooh! We have one already, it's just missing the "declared is not null" bit... sigh.

### #3 - 06/30/2017 04:54 PM - Marc Mengel

- Status changed from New to Resolved

- % Done changed from 0 to 100

### #4 - 07/07/2017 05:57 PM - Anna Mazzacane

- Status changed from Resolved to Closed