

## artdaq Utilities - Bug #21804

### If just\_do\_it.sh can't perform a transition, DAQInterface hangs

01/30/2019 11:35 AM - John Freeman

<b>Status:</b>	Resolved	<b>Start date:</b>	01/30/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Freeman	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Experiment:</b>	-	<b>Co-Assignees:</b>	Eric Flumerfelt
<b>Description</b>			
<p>Specifically, what I'm finding is that in the scenario that during the configuration transition DAQInterface expects a FHiCL document but can't find it among the subconfigurations it's been given, DAQInterface will (as expected), announce the problem and set itself back into the Booted state. just_do_it.sh will then, as expected, print</p>			
<pre>DAQ failed to enter ready state; exiting /home/jcfree/artdaq-utilities-daqinterface/bin/just_do_it.sh</pre>			
<p>...however, even though DAQInterface was launched prior to the execution of just_do_it.sh (i.e., just_do_it.sh doesn't "own" DAQInterface, it requires DAQInterface to already be up), DAQInterface will no longer respond to XML-RPC calls. It would be nice if, should something go wrong with a transition in just_do_it.sh, even if just_do_it.sh exits out DAQInterface should still function properly.</p>			

#### History

##### #1 - 02/11/2019 03:13 PM - John Freeman

On further investigation, the hang was occurring whenever anything was typed into the shell DAQInterface was running in. Ron suggested I have DAQInterface ignore stdin by adding "<&-" to the DAQInterface alias. Change has been added to feature/issue21804\_daqinterface\_hang.

##### #2 - 02/11/2019 10:17 PM - John Freeman

- Status changed from New to Resolved

I've tested DAQInterface on feature/issue21804\_daqinterface\_hang; typing input into the same shell that DAQInterface is running in now appears to have no effect.

##### #3 - 02/12/2019 04:13 PM - Eric Flumerfelt

- Status changed from Resolved to Reviewed

- Co-Assignees Eric Flumerfelt added

Reviewed code and made sure that things work properly with the new code.

##### #4 - 02/14/2019 01:06 PM - John Freeman

- % Done changed from 0 to 100

- Status changed from Reviewed to Closed

Using the fix Ron suggested appears to have solved the problem, as tested by myself and by Eric. Merged feature/issue21804\_daqinterface\_hang into develop and deleted the branch (feature/issue21804\_daqinterface\_hang, not develop).

##### #5 - 02/19/2019 02:46 PM - John Freeman

- Status changed from Closed to Resolved

I'm un-closing this Issue since the protocol is to close an Issue when there's an official release. Having said that, I consider this Issue to be "Reviewed" (not "Resolved" as marked) but for whatever reason that option's not appearing in my drop-down list.