

## artdaq - Feature #19440

### Provide log messages when processes begin and end various state transitions

03/20/2018 10:41 AM - Kurt Biery

<b>Status:</b>	Closed	<b>Start date:</b>	03/20/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Kurt Biery	<b>% Done:</b>	0%
<b>Category:</b>	Known Issues	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	artdaq v3_01_00	<b>Co-Assignees:</b>	
<b>Experiment:</b>	-		
<b>Description</b>			
<p>It would be helpful to have messages in the artdaq process log files that say "Starting transition blah" and "Done with transition blah", where blah is Start, Stop, Pause, Resume, and Shutdown.</p> <p>It would be nice to have these messages in BR, EB, DL, and Dispatcher log files.</p> <p>There is leftover code from earlier attempts to do this that can be updated and used.</p>			

#### History

##### #1 - 03/20/2018 10:43 AM - Kurt Biery

I've committed changes to DataReceiverCore to provide this functionality for EBs, DLs and Dispatchers. I still need to change BoardReaderCore.

A special note: I kept this functionality under the control of the "verbose" FHiCL parameter, but I changed the default value of this flag to true, so that we get these messages by default. This seems like the right choice since it's really hard to interpret the log files when you don't know when Start, Stop, and other transitions are happening.

##### #2 - 04/17/2018 11:14 AM - Eric Flumerfelt

- Status changed from Assigned to Closed

- Target version changed from artdaq Next Release to artdaq v3\_01\_00

There are now also log messages in Commandable itself detailing the start and end of transitions, and a new metric "DAQ Transition Time".