

LBNE DAQ - Support #10622

Kurt's notes on issues, October 2015

10/23/2015 01:53 PM - Kurt Biery

Status:	New	Start date:	10/23/2015
Priority:	Normal	Due date:	
Assignee:	Kurt Biery	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
<p>To help me keep track of the issues that I've seen, heard about, and thought of, I want to write them down in this Issue. Of course, it might be good to create individual Issues for each topic, but I'm not sure if everyone would be open to that option.</p> <p>Observed errors:</p> <ul style="list-style-type: none">• "failed to connect" complaints from artdaq processes when the msgviewer is not running (should have better log message, and maybe shouldn't be error)• "unsufficient buffers" errors from RCE readout code at end-run, most often when there is persistent backpressure <p>Larger-scale issues:</p> <ul style="list-style-type: none">• synchronizing the data across the detector (RCEs and SSPs) at begin-run and end-run• automatically closing data files after they reach a configurable size, number of events, or duration			

History

#1 - 10/24/2015 08:19 AM - Kurt Biery

Questions:

- Yesterday, Ricardo tried taking data with SSP08 at PC4, but I thought that SSP08 was still at DAB. How can we "ping" SSPs and RCEs just to confirm which ones are physically connected to a particular DAQ?

#2 - 10/26/2015 08:47 AM - Kurt Biery

1. It would be nice to be able to select a new configuration in the Ready start and run "init" from there (at least from the user perspective).
2. why do we get "Unknown exception '<Fault 1: "<class 'psycopg2.InternalError':>:current transaction is aborted, commands ignored until end of transaction block\n">" sometimes when we run lbnecmd commands?

#3 - 10/27/2015 11:28 AM - Kurt Biery

1. Mark events somehow when they are flushed from the EventStore, but don't have all of their fragments.

#4 - 10/28/2015 11:25 AM - Kurt Biery

At the 35-ton meeting on 28-Oct, Alex Himmel reported that there are "missing SSP" events. That is, 100 triggers are requested and only 30 events show up on disk.