

artdaq - Bug #21083

RoutingMaster does not retry socket connections or report errors

10/09/2018 02:12 PM - Eric Flumerfelt

Status:	Closed	Start date:	10/09/2018
Priority:	Normal	Due date:	
Assignee:	Eric Flumerfelt	% Done:	0%
Category:	Known Issues	Estimated time:	0.00 hour
Target version:	artdaq v3_06_01	Co-Assignees:	Ron Rechenmacher
Experiment:	-		
Description			
RoutingMasterCore should print error messages to TRACE and MessageFacility when socket connections fail. It should also retry a reasonable number of times to establish sockets, especially in the case where the RoutingMaster is started asynchronously to other artdaq applications.			
Fixes implemented in artdaq/bugfix/RoutingMasterCore_RetrySocketConnection.			

History

#1 - 11/14/2018 10:19 AM - Kurt Biery

Eric,
What were the conditions in which the creation of the socket connection failed? Port already in use? Something else?
Thanks,
Kurt

#2 - 11/19/2018 12:40 PM - Eric Flumerfelt

I believe the most common was a port already in use error silently crashing the RM.

#3 - 09/16/2019 11:18 AM - Ron Rechenmacher

- Status changed from Resolved to Reviewed

I can't reproduce any specific error. I tried starting up an instance of the routing_master and then another one on a different rpc port and then sending one the standard config and the other the same and also tweaked config to try to see if I could get the 2nd instance to trigger some of the new TLOGs.
To send the rpc commands, I used:

```
cd $MRB_TOP/run_records/75
sed_script='H;${x;s/\n//g;s/\([[\]{}\"',:]\)/\\1/g;p}'
xmlrpc_str_param=`grep -v '^#' RoutingMaster1.fcl | sed -n "$sed_script"`
xmlrpc http://localhost:14106/RPC2 daq.init "s/$xmlrpc_str_param"
```

Since this is just adding TLOGs, I'm going to mark reviewed and merge into develop.

#4 - 09/24/2019 09:53 AM - Eric Flumerfelt

- Target version set to artdaq v3_06_01

- Status changed from Reviewed to Closed

- Co-Assignees Ron Rechenmacher added