

## artdaq - Bug #24417

### Unhelpful Exception message from xmlrpc\_commander

05/14/2020 12:28 PM - Eric Flumerfelt

<b>Status:</b>	Closed	<b>Start date:</b>	05/14/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	artdaq v3_09_00	<b>Co-Assignees:</b>	
<b>Experiment:</b>	-		
<b>Description</b>			
From Bill Badgett:			
I'm trying to revive the TPC RO at D0, but i'm getting the following in the tpc log file:			
<pre>%MSG-e tpc01_xmlrpc_commander: Starting 14-May-2020 12:12:44 CDT Booted xmlrpc_commander.cc:479 Exception when trying to start the run: Unknown exception %MSG</pre>			
Could someone please add more information to this exception? Is there a common error that's happening?			
Looking into the code, this is coming from a catch-all block, but there are several common exception types that it is missing (boost::exception and std::exception come to mind), which could report more information. Additionally, the error message itself is very unhelpful, and should be improved.			
<b>Related issues:</b>			
Copied to artdaq - Feature #24418: Use ExceptionHandler in xmlrpc_commander		<b>New</b>	<b>05/14/2020</b>

#### History

##### #1 - 05/14/2020 12:51 PM - John Freeman

That xmlrpc\_commander code was likely written circa 2014 or before, before ExceptionHandler was written - it may be a good idea to retrofit its try-blocks with ExceptionHandler functionality.

##### #2 - 05/14/2020 01:14 PM - Eric Flumerfelt

- Copied to Feature #24418: Use ExceptionHandler in xmlrpc\_commander added

##### #3 - 05/14/2020 01:14 PM - Eric Flumerfelt

- Status changed from New to Resolved

While John has a good point, I also have simply fixed the code on artdaq:bugfix/24417\_xmlrpc\_ExceptionMessages. I have opened [#24418](#) to capture the modernization of xmlrpc\_commander.

##### #4 - 07/24/2020 02:14 PM - Eric Flumerfelt

- Target version set to artdaq v3\_09\_00

- Status changed from Resolved to Closed