

artdaq Demo - Bug #20966

~/setup_fhiclcpp potential/actual problem

09/27/2018 11:59 AM - Ron Rechenmacher

Status:	Resolved	Start date:	09/27/2018
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			
Co-Assignees:			
Description			
I don't know how I ended up with a bogus ~/setup_fhiclcpp file, but it prevented the demo from running. If this file is needed, it should, at a minimum be created under the demo root.			

History

#1 - 09/27/2018 03:24 PM - John Freeman

The ~/setup_fhiclcpp in question which Ron showed me contained a reference to /nfs/sw/artdaq/products, a directory found on the protoDUNE cluster; this would have caused a failure since running was performed on the mu2eddaq cluster. It's likely DAQInterface had been run from the feature/protodune branch and created this ~/setup_fhiclcpp.

As far as the lessons learned from this, Ron and I agreed to the following:

- That DAQInterface shouldn't create or look for .setup_fhiclcpp in the home directory, but rather, in the same directory as the DAQInterface settings file
- That it should be possible to find this .setup_fhiclcpp file through an environment variable (e.g., DAQINTERFACE_SETUP_FHICLCPP)
- That before source-ing .setup_fhiclcpp, DAQInterface should first check to see whether fhicl-dump is already defined
- That if it does source .setup_fhiclcpp, DAQInterface should first run Ron's unsetup_all function

#2 - 09/28/2018 04:03 PM - John Freeman

- Status changed from New to Resolved

- % Done changed from 0 to 100

Commit 6b6c25654118e29927d5813a6d9eb5c8ee877d8b on DAQInterface's develop branch satisfies the requirements laid out in the previous comment on this Issue.