

LArSoft - Support #19498

building larwirecell with c2

03/26/2018 01:27 PM - Lynn Garren

Status:	Resolved	Start date:	03/26/2018
Priority:	Normal	Due date:	
Assignee:	Brett Viren	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.20 hour
Experiment:	-	Co-Assignees:	
Description			
<p>This is a list of problems encountered when building larwirecell with c2. The first problem is reported several times.</p>			
<pre>[81%] Building CXX object larwirecell/larwirecell/Components/CMakeFiles/WireCellLarsoft.dir/ChannelNoiseDB.cxx.o In file included from /home/garren/scratch/larsoft/v06_72_00_rc0/srcs/larwirecell/larwirecell/Components/ChannelNoiseDB.cxx:42: In file included from /home/garren/scratch/larsoft/v06_72_00_rc0/c2p/localProducts_larsoft_v06_72_00_rc0_c2_prof/wirecell/v0_6_2c/Linux64bit+3.10-2.17-c2-prof/include/WireCellUtil/NamedFactory.h:4: : /home/garren/scratch/larsoft/v06_72_00_rc0/c2p/localProducts_larsoft_v06_72_00_rc0_c2_prof/wirecell/v0_6_2c/Linux64bit+3.10-2.17-c2-prof/include/WireCellUtil/IFactory.h:32:29: error: 'WireCell::INamedFactory::create' hides overloaded virtual function [-Werror,-Woverloaded-virtual] virtual Interface::pointer create(const std::string& name) = 0; ^ /home/garren/scratch/larsoft/v06_72_00_rc0/c2p/localProducts_larsoft_v06_72_00_rc0_c2_prof/wirecell/v0_6_2c/Linux64bit+3.10-2.17-c2-prof/include/WireCellUtil/IFactory.h:13:29: note: hidden overloaded virtual function 'WireCell::IFactory::create' declared here: different number of parameters (0 vs 1) virtual Interface::pointer create() = 0; ^ /home/garren/scratch/larsoft/v06_72_00_rc0/srcs/larwirecell/larwirecell/Tools/WCLS_tool.cc:86:26: error: private field 'm_prod' is not used [-Werror,-Wunused-private-field] art::EDProducer* m_prod; ^</pre>			

History

#1 - 03/26/2018 01:38 PM - Lynn Garren

The second bug is fixed. The private data member `m_prod` is unused and has been commented out. The first bug may require a fix in wirecell.

#2 - 03/26/2018 04:56 PM - Lynn Garren

- Status changed from New to Resolved
- Assignee set to Brett Viren
- % Done changed from 0 to 100

Brett supplied a patch for wirecell which resolves this problem. Other problems may surface once larevt has been updated for c2.