

artdaq - Feature #21105

metric_pset initialization in Cores

10/10/2018 11:00 AM - Eric Flumerfelt

Status:	Resolved	Start date:	10/10/2018
Priority:	Low	Due date:	
Assignee:	Eric Flumerfelt	% Done:	0%
Category:	Additional Functionality	Estimated time:	0.00 hour
Target version:		Co-Assignees:	
Experiment:	-		
Description			
<p>In DataLoggerCore, EventBuilderCore, and DispatcherCore, the metric_pset ParameterSet variable was default constructed then set to the "metrics" block of the configuration in a try/catch block. It is more efficient to simply use the optional ParameterSet.get<fhicl::ParameterSet> function to initialize this variable and avoid the exception entirely.</p> <p>Implemented in artdaq/feature/DataLoggerCore_PotentiallyUninitializedMetricPsetFix</p> <p>(I had originally thought that this could lead to metric_pset being uninitialized, but I remember now that since ParameterSet has a default constructor, it won't be)</p>			