

## artdaq - Idea #5985

### Redesign the model that is used to provide events to online monitoring

04/21/2014 02:04 PM - Kurt Biery

<b>Status:</b> Rejected	<b>Start date:</b> 04/21/2014
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b> Additional Functionality	<b>Estimated time:</b> 200.00 hours
<b>Target version:</b> v2_00_00	
<b>Experiment:</b>	
<b>Description</b>	
<p>At the moment, the online monitoring Aggregator is run as part of the MPI program. This means that if it crashes (for example, because of a bug in a user-provided monitoring module), there is a good chance that the entire system stops.</p> <p>We should design and implement a system that allows multiple online monitoring applications to come and go as needed without disturbing the primary function of the DAQ system to collect and log the data to disk.</p> <p>It would be great for the final solution to provide monitoring information on the fraction of events that are seen by a particular consumer. If this were included in the data stream, then an online monitor could do the appropriate normalization to scale its results up to the full data set.</p>	
<b>Related issues:</b>	
Related to ds50daq - Idea #4430: Provide information on prescale factor or ra...	<b>Closed</b> <b>07/25/2013</b>

#### History

##### #1 - 01/13/2017 01:59 PM - Eric Flumerfelt

- Status changed from New to Rejected

Superseded by [#13430](#).

##### #2 - 01/13/2017 04:43 PM - Eric Flumerfelt

- Category set to Additional Functionality

- Target version deleted (577)

##### #3 - 01/13/2017 04:46 PM - Eric Flumerfelt

- Target version set to v2\_00\_00