

## artdaq - Feature #22531

Idea # 22529 (New): Support the (proto)DUNE DFO Model in artdaq

### Add destination parameter to DSM::sendFragment

05/07/2019 09:17 PM - Eric Flumerfelt

<b>Status:</b> Assigned	<b>Start date:</b> 05/07/2019
<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>	<b>Co-Assignees:</b>
<b>Experiment:</b> -	
<b>Description</b> DataSenderManager should accept an int destination parameter to sendFragment, which would be used instead of other routing methods (either routing tables or internal RoundRobin) unless set to -1. It should print an error message and discard Fragments if the destination given does not exist in its destination list.	

#### History

##### #1 - 05/30/2019 12:20 PM - Eric Flumerfelt

- Status changed from New to Resolved

Implementation on artdaq:feature/22531\_DataSenderManager\_RankParameterToSendFragment

##### #2 - 05/30/2019 01:25 PM - Kurt Biery

- Assignee set to Eric Flumerfelt

- Status changed from Resolved to Assigned

There should be separate Constants to indicate that no Rank information is available when passing a rank into sendFragment and to indicate that the status of the execution of sendFragment failed because insufficient Rank/destination information was available.

##### #3 - 05/30/2019 02:49 PM - Eric Flumerfelt

- Assignee deleted (Eric Flumerfelt)

I have made the suggested update. The returned destination from DSM::sendFragment is only read in BoardReaderCore, which adds it to a TRACE message.