

## artdaq - Feature #19736

### Shmem\_transfer partition awareness

04/17/2018 11:55 AM - Eric Flumerfelt

<b>Status:</b>	Closed	<b>Start date:</b>	04/17/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Eric Flumerfelt	<b>% Done:</b>	0%
<b>Category:</b>	Additional Functionality	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	artdaq v3_01_00	<b>Co-Assignees:</b>	
<b>Experiment:</b>	-		
<b>Description</b>			
Instead of using the hash of the unique_label, Shmem_transfer now uses the partition number (0-127), the source rank and the destination rank to create the shared memory key. 0x[Partition number 00-7F][Source rank 000-FFF][Destination rank 000-FFF]			
This can be overridden using the shm_key parameter and changed using the shm_key_offset parameter.			