artdaq - Idea #22595

Filesystem transfer plugin

05/15/2019 03:35 PM - Eric Flumerfelt

Status:	New	**Start date:**	05/15/2019
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
Experiment:	-		

Description

In a proposed DUNE dataflow model, BoardReaders write Fragments to specified locations on disk, and EventBuilders (if they exist) are responsible for collating information about events (i.e. disk file locations, Fragment metadata, etc).

To take a first step in this direction, I propose a TransferInterface plugin where the sender writes the Fragment to disk, and the receiver either reads the file (to effect a traditional transfer), or reads some portion of the data.

History

#1 - 06/04/2019 08:41 AM - Kurt Biery

In my opinion, this is unnecessary work that is a distraction from the request from DUNE.