

## artdaq - Bug #25007

### Services which try to open Input file fail when artdaq-based Input is used

09/23/2020 12:26 PM - Eric Flumerfelt

<b>Status:</b>	Closed	<b>Start date:</b>	09/23/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Eric Flumerfelt	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	artdaq v3_09_02	<b>Co-Assignees:</b>	
<b>Experiment:</b>	ICARUS		
<b>Description</b>			
artdaq has long defaulted its input file name to "nothing" in its input sources. On ICARUS, it was noticed that several of their services try to open the input file for various reasons, and the Online Monitoring art process was dying immediately on start as those services tried to open file "nothing". Changing "nothing" to "" resolves this issue in the Online Monitor.			

### History

#### #1 - 09/23/2020 12:28 PM - Eric Flumerfelt

- Status changed from New to Resolved

Resolved on bugfix/25007\_ArtdaqInputHelper\_RemoveNothing  
Tested in ICARUS Online Monitoring, not yet run in a DAQ.

#### #2 - 09/23/2020 12:33 PM - Eric Flumerfelt

- Experiment ICARUS added

- Experiment deleted (-)

#### #3 - 10/15/2020 12:33 AM - Gennadiy Lukhanin

- Status changed from Resolved to Reviewed

Tested on the ICARUS cluster, reviewed the one-liner code change, and ran artdaq demo on evb05 in the /scratch/artdaqdemo directory.

```
%MSG-i TransferWrapper: DAQ 15-Oct-2020 00:30:09 CDT Booted TransferWrapper.cc:141
Received 19-th event, seqID == 605, type == 226 (Data)
%MSG
10-15 00:30:09.190354 ToyDump nfo Run 6, subrun 1, event 605 has 2 fragment(s)
of type TOY1 or TOY2
10-15 00:30:09.190367 ToyDump nfo TOY1 fragment 0 w/ seqID 605 and timestamp 6
04 has total ADC counts = 40, trig # = 99, dist_type = 2
10-15 00:30:09.191245 ToyDump nfo First 10 ADC values in the fragment:
10-15 00:30:09.191285 ToyDump nfo ...0: 1 2 3 4 5 6
7 8 9 10
10-15 00:30:09.191322 ToyDump nfo TOY2 fragment 1 w/ seqID 605 and timestamp 6
04 has total ADC counts = 40, trig # = 99, dist_type = 2
10-15 00:30:09.191655 ToyDump nfo First 10 ADC values in the fragment:
10-15 00:30:09.191677 ToyDump nfo ...0: 1 2 3 4 5 6
7 8 9 10
%MSG-i TransferWrapper: DAQ 15-Oct-2020 00:30:09 CDT Booted TransferWrapper.cc:141
Received 20-th event, seqID == 610, type == 226 (Data)
%MSG
10-15 00:30:09.724829 ToyDump nfo Run 6, subrun 1, event 610 has 2 fragment(s)
of type TOY1 or TOY2
10-15 00:30:09.724844 ToyDump nfo TOY1 fragment 0 w/ seqID 610 and timestamp 6
09 has total ADC counts = 40, trig # = 99, dist_type = 2
10-15 00:30:09.725621 ToyDump nfo First 10 ADC values in the fragment:
10-15 00:30:09.725631 ToyDump nfo ...0: 1 2 3 4 5 6
7 8 9 10
10-15 00:30:09.725634 ToyDump nfo TOY2 fragment 1 w/ seqID 610 and timestamp 6
09 has total ADC counts = 40, trig # = 99, dist_type = 2
10-15 00:30:09.726091 ToyDump nfo First 10 ADC values in the fragment:
10-15 00:30:09.726111 ToyDump nfo ...0: 1 2 3 4 5 6
7 8 9 10
```

**#4 - 10/23/2020 12:29 PM - Eric Flumerfelt**

- *Target version set to artdaq v3\_09\_02*

- *Status changed from Reviewed to Closed*