art - Bug #11913

Invalid JSON syntax for "runs" array when multiple subruns are processed

03/07/2016 06:27 PM - Herbert Greenlee

Status:	Closed		**Start date:**	03/07/2016
Priority:	Normal		**Due date:**	
Assignee:	Kyle Knoepfel		**% Done:**	100%
Category:	Application		**Estimated time:**	0.00 hour
Target version:	2.00.01		**Spent time:**	3.00 hours
Occurs In:			**Experiment:**	MicroBooNE
Scope:	Internal		**SSI Package:**	art

Description

This is a bug report for RootOutput module. Behavior reported here was observed in art v1_15_02.

Sam metadata data_stream (aka streamName) is missing from internal metadata of an output file if the output file contains zero events. Data tier *is* included in metadata even if output has zero events.

Associated revisions

Revision 4412af61 - 03/10/2016 11:22 AM - Kyle Knoepfel

Implement fix for #11913: Invalid JSON syntax values for 'runs' FileCatalog metadata

History

#1 - 03/08/2016 08:59 AM - Herbert Greenlee

I think you can close this issue. I misdiagnosed the problem. The data stream is included, but in some cases, sam_metadata_dumper generates unparsable json output, which caused the script that was the artroot file to not find the data stream.

#2 - 03/08/2016 09:11 AM - Kyle Knoepfel

- Status changed from New to Feedback

Do you then believe there is a bug to be reported for sam_metadata_dumper? If so, please give us an example so we can reproduce the problem.

#3 - 03/10/2016 09:40 AM - Kyle Knoepfel

- Subject changed from Missing stream name in zero-event files to Invalid JSON syntax for "runs" array when multiple subruns are processed

Herb, I've changed the title of this issue to reflect that if multiple subruns are processed, the following runs value placed in the RootFileDB is (e.g.):

```
"runs": [ [ 1, 0, "MCChallenge" ], , [ 1, 1, "MCChallenge" ] ]
```

where an empty element is prepended to *each* triplet (after the first) in the array.

#4 - 03/10/2016 12:02 PM - Kyle Knoepfel

- Category set to Application

- Status changed from Feedback to Resolved

- Assignee set to Kyle Knoepfel

- % Done changed from 0 to 100

- SSI Package art added

- SSI Package deleted ()

Fix implemented with commit art:4412af6.

#5 - 05/24/2016 09:55 AM - Kyle Knoepfel

- Target version set to 2.00.01

#6 - 05/24/2016 10:14 AM - Kyle Knoepfel

- Status changed from Resolved to Closed