

art - Feature #11416

Feature # 11415 (Closed): Implement Run and SubRun fragments

Input source must be able to aggregate products from (Sub)Run fragments

01/13/2016 10:35 AM - Kyle Knoepfel

| | | | |
|------------------------|---------------|------------------------|-------------|
| Status: | Closed | Start date: | 01/13/2016 |
| Priority: | Normal | Due date: | |
| Assignee: | Kyle Knoepfel | % Done: | 100% |
| Category: | | Estimated time: | 40.00 hours |
| Target version: | 2.01.00 | Spent time: | 56.00 hours |
| Scope: | Internal | SSI Package: | art |
| Experiment: | - | | |

Description

In order to support products from Run and SubRun fragments, the input source must be able to aggregate those products which were produced based on information from the events of that given subrun/run fragment.

History

#1 - 01/19/2016 11:12 AM - Kyle Knoepfel

- Assignee set to Kyle Knoepfel

#2 - 01/19/2016 11:13 AM - Kyle Knoepfel

- Status changed from New to Assigned

#3 - 03/02/2016 07:49 AM - Kyle Knoepfel

- % Done changed from 0 to 80

- Estimated time set to 40.00 h

#4 - 04/25/2016 10:20 AM - Kyle Knoepfel

- Status changed from Assigned to Resolved

- % Done changed from 80 to 100

Run and SubRun products can now be aggregated across multiple Run or SubRun fragments. Any product that serves as a Run or SubRun product must be able to be aggregated. If an attempt to 'put' a Run or SubRun product is made and an aggregation-behavior does not exist for the type, a compile-time error is triggered with the diagnostic message:

```
art error: A (Sub)Run product must be able to be aggregated.  
Please add the appropriate 'void aggregate(T const&)'  
function to your class, or contact artists@fnal.gov.
```

Implemented across many commits. The merge commit of the develop branch into the feature branch is [art:97485ee](#).

#5 - 06/07/2016 08:18 AM - Kyle Knoepfel

- Status changed from Resolved to Closed