

art - Feature #15378

Milestone # 15372 (Closed): art multi-threading phase 1

Add utility to tell users what consumes calls will be necessary

01/30/2017 03:07 PM - Marc Paterno

| | | | |
|---|----------------|------------------------|-------------|
| Status: | Closed | Start date: | 01/30/2017 |
| Priority: | Normal | Due date: | |
| Assignee: | Kyle Knoepfel | % Done: | 100% |
| Category: | Infrastructure | Estimated time: | 24.00 hours |
| Target version: | 2.08.00 | Spent time: | 56.00 hours |
| Scope: | Internal | SSI Package: | art |
| Experiment: | - | | |
| Description | | | |
| It appears this function can go into Event. | | | |

History

#1 - 02/06/2017 11:19 AM - Kyle Knoepfel

- Status changed from New to Accepted

#2 - 06/20/2017 02:32 PM - Kyle Knoepfel

- Status changed from Accepted to Assigned

- Assignee set to Kyle Knoepfel

- % Done changed from 0 to 80

- SSI Package art added

#3 - 08/02/2017 04:02 PM - Kyle Knoepfel

- Category set to Infrastructure

- Status changed from Assigned to Closed

- Target version set to 2.08.00

#4 - 08/02/2017 04:02 PM - Kyle Knoepfel

- % Done changed from 80 to 100

#5 - 08/03/2017 08:13 AM - Kyle Knoepfel

Much of the lookup functionality has been moved to art::DataViewImpl. The utility checks which consumes calls (for products in the Event, SubRun, Run, and Results data containers) are required.

For the first implementation, although the consumes information is always tracked, the reporting of it is enabled only if users specify:

```
art ... [-M|--mt-diagnostics <mf destination>]
```

at the command line. The allowed values for the destination are:

- cout or stdout (case-insensitive)
- cerr or stderr (case-insensitive)
- Anything else is interpreted to be a file name (/dev/null falls in this category)