

MAUS - Feature #1814

Loading of existing data set without going through string conversions

27 January 2016 15:16 - Rogers, Chris

Status:	Closed	Start date:	27 January 2016
Priority:	Normal	Due date:	
Assignee:	Rogers, Chris	% Done:	100%
Category:	Code Infrastructure	Estimated time:	0.00 hour
Target version:	Future MAUS release		
Workflow:	New Issue		

Description

It is possible to load an existing data set for some post-processing job using InputCppRoot. This algorithm does a conversion to json format as part of the load process. The conversion is necessary as the Inputter can sometimes like to load JobHeader events, sometimes RunHeader events, sometimes Spill events, etc.

Actually, for most analyses we don't really care to load the header and footers, we really only want the Spill data. In this case, a specialist inputter would be faster that did direct load of the C++ data without mucking about with json conversion.

Behold, InputCppRootData.

History

#1 - 27 January 2016 15:27 - Rogers, Chris

Pushed to [bzr+ssh://bazaar.launchpad.net/~chris-rogers/maus/1814/](https://bazaar.launchpad.net/~chris-rogers/maus/1814/)

Going into test...

#2 - 28 January 2016 09:26 - Rogers, Chris

- Status changed from Open to Closed

- % Done changed from 0 to 100

Closed in r1017

Note that in the tests, I had to do `maus_cpp.converter.del_data_repr(event)` at e.g. line 109 of `src/input/InputCppRootData/test_input_cpp_root_data.py`. Not sure how that will work in the `single_threaded.py`... worth being aware of a potential issue.