

MAUS - Bug #1678

Outputters take data as argument

07 May 2015 15:38 - Rogers, Chris

Status:	Closed	Start date:	07 May 2015
Priority:	Normal	Due date:	
Assignee:	Rogers, Chris	% Done:	100%
Category:	Data Structure	Estimated time:	0.00 hour
Target version:	Future MAUS release		
Workflow:	New Issue		
Description			
OutputCppRoot should take data as argument, not json... subissue of #1312			
Related issues:			
Related to MAUS - Feature #1312: Online reconstruction requires new API		Open	15 July 2013

History

#1 - 11 May 2015 11:27 - Rogers, Chris

Added type conversions for header and footer types to json, python, string to src/common_cpp/Converters

#2 - 11 May 2015 16:37 - Rogers, Chris

Type conversion now available right the way up to the python layer.

Note that the type conversion goes like (just for my sanity, why is it like that?):

src/common_cpp/Converter -> Can be called inside modules, does not require python
src/common_cpp/Utils/PyObjectWrap -> Wraps everything in python, called from PyWrapModule
src/py_cpp/PyConverter -> Called from python API

each layer does slightly different stuff for different use cases...

#3 - 12 May 2015 14:10 - Rogers, Chris

This is done in lp:~chris-rogers/maus/1678 and tests pass locally...

#4 - 12 May 2015 18:04 - Rogers, Chris

- Status changed from Open to Closed

- % Done changed from 0 to 100

Committed to trunk in r839.

Note that I made the API a bit less transparent (and a bit less arcane?) in OutputBase - now user has to define bool _save(PyObject* py_obj); in all the other modules, user can do void _process(TEMPLATE* t) or whatever. That wasn't possible here because py_obj can take many types, e.g. JobHeader, RunHeader, Spill, etc. Sorry about that.