

MAUS - Bug #1955

MAUS memory usage

11 February 2018 20:59 - Rajaram, Durga

Status:	Open	Start date:	11 February 2018
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Workflow:	New Issue		
Description			
Logging seemingly increased memory usage running globals.			

History

#1 - 11 February 2018 21:02 - Rajaram, Durga

There are a couple of puzzling (to me) messages from TrackMatching->DSTrack->FixTrackerTime, and AddVirtualTrackPoints -- think those get deleted by the primary chain destructor and/or ultimately by the global event destructor.

Also a lot of Geant GDMLRead errors -- tried slac geant forums in vain. And a bunch from MiceModules, ModuleTextFileIO. Wondering if those geant and micemodule leaks show up more with globals because of the repeated geometry lookups...

#2 - 11 February 2018 21:03 - Rajaram, Durga

Valgrind log added -- with line numbers! -- against a random run 10082, run with globals.

#3 - 12 February 2018 08:30 - Rajaram, Durga

- File *valgrind-definitely-lost.log* added

added log of just the "definitely lost" records
mostly GEANT + MiceModule + OutputCppType + a few globaltrackmatching and emr

Files

valgrind-trunk-r1259.log	9.83 MB	11 February 2018	Rajaram, Durga
valgrind-definitely-lost.log	4.28 MB	12 February 2018	Rajaram, Durga