Subject: Shared libs for EvtGenModels -- "No memory for static"
Posted by mpeliz on Fri, 27 Nov 2009 23:08:51 GMT
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Hello,

I would like to interface EvtGen to PandaROOT. Therefore
I need shared libraries for the EvtGenBase and EvtGenModels packages. Compiling the first
one within PandaROOT using cmake works fine. For the EvtGenModels
I got a strange error when compiling, which seems to be related to CINT. At least the error
message shown below is pointing in this direction.

The error comes from EvtIntervalDecayAmp.hh line 112
which says

static EvtId B0=EvtPDL::getId("B0");

I think a static is appropriate in the given context and
removing the static woudld be a workarround rather than
a solution for the problem. Let me emphasize that there are several occurences of this
construct in the package.

A GOOGLE search for the error message points me only to threads in ROOT talk, where
workarrounds are given which could not be applied in our case
(http://root.cern.ch/root/roottalk/roottalk08/0865.html), i.e. we could not change the ordering of
the statements as proposed there (and I am in doubt if this would help).

Has someone an idea how I can solve this issue?
Best regards,
  Marc

------ Error message from make ----------

Error: No memory for static commands\5\0
/data/puru2/marc/proot/trunk/pgenerators/EvtGen/EvtGenModels/EvtInterval
DecayAmp.hh:112:
Error: No memory for static commands\5\0
/data/puru2/marc/proot/trunk/pgenerators/EvtGen/EvtGenModels/EvtInterval
DecayAmp.hh:113:
Warning: Error occurred during reading source files
Warning: Error occurred during dictionary source generation
!!!Removing /data/puru2/marc/proot/build/pgenerators/EvtGen/EvtGenDict.cxx
/data/puru2/marc/proot/build/pgenerators/EvtGen/EvtGenDict.h !!!
Error: /data/puru2/marc/proot/fairsoft/tools/root/bin/rootcint: error loading headers...
make[2]: *** [pgenerators/EvtGen/EvtGenDict.cxx] Error 1
make[1]: *** [pgenerators/EvtGen/CMakeFiles/evtgen.dir/all] Error 2