
Subject: Re: Problems with DPMGen and Geant4
Posted by [asanchez](#) on Fri, 10 Aug 2007 09:10:05 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear all,
by running under geant4

i get this error
Any ideas??

```
lxg0310:hyp>root sim_hyp.C -l
root [0]
Processing sim_hyp.C...
```

PSaid instance created... access via gSaid->f()

```
- RTDB container factory CbmBaseContFact
- RTDB container factory CbmFieldContFact
- RTDB container factory CbmPassiveContFact
- RTDB container factory CbmHypContFact
-l- CbmRun::SetMaterials() Media file used:
/u/asanchez/fairroot_prueba/pandaroot/geometry/media_pnd_hyp.geo
-l CbmAsciiGenerator: Opening input file /d/panda01/asanchez/PANDA/ximinAscii.dat
SetStoreTraj1
```

```
===== CbmRunSim: Initialising simulation run =====
Info in <TGeoManager::TGeoManager>: Geometry CBMGeom, CBM geometry created
-l- CbmGeoMedia Read media
Loading Geant4 granular libraries ...
dlopen error: /misc/cbmsoft/Debian3.1/debug/transport/geant4/lib/Linux-g++/libG4hadron
ic_xsect.so: undefined symbol: _ZN16G4StableIsotopes12nucleonCountE
Load Error: Failed to load Dynamic link library
/misc/cbmsoft/Debian3.1/debug/transport/geant4/lib/Linux-g++/libG4hadron ic_xsect.so
(int)(-1)
*** Interpreter error recovered ***
dlopen error: /u/asanchez/fairroot_prueba/build/lib/libCbmG4.so: undefined symbol:
_ZN19TG4RunConfiguration26CreateDetectorConstructionEv
Load Error: Failed to load Dynamic link library
/u/asanchez/fairroot_prueba/build/lib/libCbmG4.so
CbmMCApplication::InitMC
*** Interpreter error recovered ***
Error: Function Config() is not defined in current scope (tmpfile):1:
*** Interpreter error recovered ***

*** Break *** segmentation violation
Using host libthread_db library "/lib/libthread_db.so.1".
Attaching to program: /proc/379/exe, process 379
`system-supplied DSO at 0xffffe000' has disappeared; keeping its symbols.
done.
done.
[Thread debugging using libthread_db enabled]
```

[New Thread 16384 (LWP 379)]

done.
done.
done.
done.
done.
done.
done.
done.
done.
done.

0x41b22788 in waitpid () from /lib/libc.so.6

#1 0x41baa8c0 in __DTOR_END__ () from /lib/libc.so.6

#2 0x41abb442 in do_system () from /lib/libc.so.6

#3 0x41a36c5f in system () from /lib/libpthread.so.0

#4 0x40306e57 in TUnixSystem::Exec (this=0x831a3c0,
at unix/src/TUnixSystem.cxx:1768

#5 0x4030730c in TUnixSystem::StackTrace (this=0x831a3c0) at
unix/src/TUnixSystem.cxx:1953

#6 0x40305291 in TUnixSystem::DispatchSignals (this=0x831a3c0,
sig=kSigSegmentationViolation)
at unix/src/TUnixSystem.cxx:936

#7 0x40303544 in SigHandler (sig=kSigSegmentationViolation) at
unix/src/TUnixSystem.cxx:338

#8 0x4030a02f in sighandler (sig=11) at unix/src/TUnixSystem.cxx:3142

#9 0x41a35825 in __pthread_sighandler () from /lib/libpthread.so.0

#10 <signal handler called>

#11 0x44cae9db in CbmMCApplication::InitMC (this=0x8c90d80,
setup=0x8d395c8 "/u/asanchez/fairroot_prueba/pandaroot/gconfig/g4Config.C")
at /u/asanchez/fairroot_prueba/pandaroot/base/CbmMCApplication.cxx:210

#12 0x44cbfbb4 in CbmRunSim::Init (this=0x8ba1568)
at /u/asanchez/fairroot_prueba/pandaroot/base/CbmRunSim.cxx:108

#13 0x44cef93c in G__CbmDict_777_0_6 (result7=0xbfda8a30, funcname=0x8b9ba40 "\001",
libp=0xbfda5450, hash=0)
at /u/asanchez/fairroot_prueba/build/base/CbmDict.cxx:9484

#14 0x409865a0 in Cint::G__ExceptionWrapper (funcp=0x44cef916 <G__CbmDict_777_0_6>,
result7=0xbfda8a30,
funcname=0x8b9ba40 "\001", libp=0xbfda5450, hash=0) at cint/src/Api.cxx:355

#15 0x40a68254 in G__call_cppfunc (result7=0xbfda8a30, libp=0xbfda5450,
ifunc=0x8b9ba40, ifn=0)
at cint/src/v6_newlink.cxx:465

#16 0x40a50670 in G__interpret_func (result7=0xbfda8a30, funcname=0xbfda8630 "Init",
libp=0xbfda5450, hash=404,
p_ifunc=0x8b9ba40, funcmatch=1, memfunc_flag=1) at cint/src/v6_ifunc.cxx:5167

#17 0x40a324df in G__getfunction (item=0xbfdaaa86 "Init()", known3=0xbfdaa2cc,
memfunc_flag=1)
at cint/src/v6_func.cxx:2600

#18 0x40afce0a in G__getstructmem (store_var_type=112, varname=0xbfda9f30 "basiclibs",
membername=0xbfdaaa86 "Init()", tagname=0xbfda9290 "fRun", known2=0xbfdaa2cc,
varglobal=0x40b81820, objptr=2)
at cint/src/v6_var.cxx:4468

#19 0x40af0d17 in G__getvariable (item=0xbfdaaa80 "fRun->Init()", known2=0xbfdaa2cc,
varglobal=0x40b81820,

varlocal=0x0) at cint/src/v6_var.cxx:3234
#20 0x40a2465e in G__getitem (item=0xbfdaaa80 "fRun->Init()") at cint/src/v6_expr.cxx:1846
#21 0x40a2220e in G__getexpr (expression=0xbfdbabff0 "fRun->Init()") at
cint/src/v6_expr.cxx:1315
#22 0x40a88f59 in G__exec_function (statement=0xbfdbabff0 "fRun->Init()", pc=0xbfdbabfec,
piout=0xbfdbabfe0,
plargestep=0xbfdbabfd0, presult=0xbfdbac3f0) at cint/src/v6_parse.cxx:457
#23 0x40a95125 in G__exec_statement () at cint/src/v6_parse.cxx:4187
#24 0x409fbb24 in G__exec_tempfile_core (
file=0xbfdb4cb0 "/u/asanchez/fairroot_prueba/pandaroot/macro/hyp/./sim_hyp.C", fp=0x0)
at cint/src/v6_debug.cxx:358
#25 0x409fbeck in G__exec_tempfile (
file=0xbfdb4cb0 "/u/asanchez/fairroot_prueba/pandaroot/macro/hyp/./sim_hyp.C") at
cint/src/v6_debug.cxx:433
#26 0x40aa0982 in G__process_cmd (line=0x408c1c87 "/gconfig/g4Config.C",
prompt=0x831d84c "", more=0x831d844,
err=0xbfdb551c, rslt=0xbfdb5520) at cint/src/v6_pause.cxx:3218
#27 0x4025a6f4 in TCint::ProcessLine (this=0x831d828, line=0x408c1c87
"/gconfig/g4Config.C", error=0xbfdb5e24)
at meta/src/TCint.cxx:318
#28 0x4025a89f in TCint::ProcessLineSynch (this=0x831d828, line=0x408c1c87
"/gconfig/g4Config.C",
error=0xbfdb5e24) at meta/src/TCint.cxx:351
#29 0x40161bda in TApplication::ProcessFile (this=0x8368c88, name=0xbfdb5c63
"sim_hyp.C", error=0xbfdb5e24)
at base/src/TApplication.cxx:804
#30 0x401613da in TApplication::ProcessLine (this=0x8368c88, line=0xbfdb5c60 ".x
sim_hyp.C", sync=false,
err=0xbfdb5e24) at base/src/TApplication.cxx:676
#31 0x4190563d in TRint::Run (this=0x8368c88, retrn=false) at rint/src/TRint.cxx:328
#32 0x08048ede in main (argc=1, argv=0xbfdb5ee4) at main/src/rmain.cxx:29
