
Subject: Re: Stable version didn't work with Geant4.8.3.p01
Posted by [Anonymous Poster](#) on Mon, 27 Aug 2007 09:54:29 GMT
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Hi Soeren and Stefano,

first off sorry for the delay with the answer. Especially for you I have reproduced this crash:

```
root [0] .x mvd/runMvdSim.C
```

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

```
- RTDB container factory CbmBaseContFact
- RTDB container factory CbmFieldContFact
- RTDB container factory CbmPassiveContFact
- RTDB container factory MvdContFact
-I- CbmRun::SetMaterials() Media file used:
/home/sokolov/fairroot/cbmsoft/pandaroot_stable/geometry/media_pnd.geo
- I - MvdDetector: fListOfSensitives contains:
    StripSensor
    SensorActiveArea
SetStoreTraj0
```

```
===== CbmRunSim: Initialising simulation run =====
Info in <TGeoManager::TGeoManager>: Geometry CBMGeom, CBM geometry created
-I- CbmGeoMedia Read media
Loading Geant4 granular libraries ...
dlopen error: /home/sokolov/fairroot/cbmsoft/transport/geant4/lib/Linux-g++/libG4hadronic_xsect.so: undefined symbol: _ZN16G4StableIsotopes12nucleonCountE
Load Error: Failed to load Dynamic link library
/home/sokolov/fairroot/cbmsoft/transport/geant4/lib/Linux-g++/libG4hadronic_xsect.so
(int)(-1)
*** Interpreter error recovered ***
dlopen error: /home/sokolov/fairroot/cbmsoft/cbuild_stable/lib/libCbmG4.so: undefined symbol: G4cout
Load Error: Failed to load Dynamic link library
/home/sokolov/fairroot/cbmsoft/cbuild_stable/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/tls/libthread_db.so.1".
Attaching to program: /proc/818/exe, process 818
`system-supplied DSO at 0xffffe000' has disappeared; keeping its symbols.
[Thread debugging using libthread_db enabled]
[New Thread 1099541568 (LWP 818)]
0xffffe410 in __kernel_vsyscall ()
#1 0x417d30a3 in __waitpid_nocancel () from /lib/tls/libc.so.6
#2 0x4177bcb9 in do_system () from /lib/tls/libc.so.6
```

#3 0x417407ad in system () from /lib/tls/libpthread.so.0
 #4 0x402a533f in TUnixSystem::Exec () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
 #5 0x402ace80 in TUnixSystem::StackTrace () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
 #6 0x402ac293 in TUnixSystem::DispatchSignals () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
 #7 0x402ac419 in SigHandler () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
 #8 0x402a61c4 in sighandler () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
 #9 <signal handler called>
 #10 0x44654f5a in CbmMCApplication::InitMC (this=0x8ca6610,
 setup=0x8d06968 "/home/sokolov/fairroot/cbmsoft/pandaroot_stable/gconfig/g4Config.C")
 at /home/sokolov/fairroot/cbmsoft/pandaroot_stable/base/CbmMCApplication.cxx:210
 #11 0x44667f33 in CbmRunSim::Init (this=0x8ba8b88)
 at /home/sokolov/fairroot/cbmsoft/pandaroot_stable/base/CbmRunSim.cxx:108
 #12 0x4468cd33 in G__CbmDict_777_0_6 (result7=0xbfc18afc, funcname=0x8ba30e8 "\001",
 libp=0xbfc15058, hash=0)
 at /home/sokolov/fairroot/cbmsoft/cbuild_stable/base/CbmDict.cxx:9484
 #13 0x4084c597 in Cint::G__ExceptionWrapper () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #14 0x408f0d08 in G__call_cppfunc () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #15 0x408db995 in G__interpret_func () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #16 0x408d13b3 in G__getfunction () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #17 0x4095c5fd in G__getstructmem () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #18 0x40954628 in G__getvariable () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #19 0x408b2a66 in G__getitem () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #20 0x408bd5a3 in G__getexpr () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #21 0x4090acd7 in G__exec_function () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #22 0x4091049d in G__exec_statement () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #23 0x408a0546 in G__exec_tempfile_core () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #24 0x408a075d in G__exec_tempfile () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #25 0x4091b939 in G__process_cmd () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.14
 #26 0x402139cb in TCint::ProcessLine () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
 #27 0x40210d97 in TCint::ProcessLineSynch () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
 #28 0x4014ba0b in TApplication::ProcessFile () from
 /home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14

#29 0x40148e87 in TApplication::ProcessLine () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
#30 0x415dd0da in TRint::HandleTermInput () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libRint.so.5.14
#31 0x415dc806 in TTermInputHandler::Notify () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libRint.so.5.14
#32 0x415de648 in TTermInputHandler::ReadNotify () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libRint.so.5.14
#33 0x402ac53a in TUnixSystem::CheckDescriptors () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
#34 0x402ac7a2 in TUnixSystem::DispatchOneEvent () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
#35 0x401c9786 in TSystem::InnerLoop () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
#36 0x401c972c in TSystem::Run () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
#37 0x401482c3 in TApplication::Run () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.14
#38 0x415dd560 in TRint::Run () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libRint.so.5.14
#39 0x08048dc0 in main ()

Some remarks: if I compile the stable release with Geant4.8.2 or the HEAD version with Geant4.8.3 it works without any problems. Even warnings are gone.

Best regards,
Andrey
