
Subject: Bugs in simulation

Posted by [Aida Galoyan](#) on Tue, 27 Nov 2007 13:51:06 GMT

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Hi all,

At working with new release, I have following problem.

I could compile new release of Panda-Root normally,
using information at Panda-Wiki.

For emc I could perform simulation well.

However, for example, for dch, (also for drc) I obtain error:

>>>>>>>

Error: Can't call

TG4RunConfiguration::TG4RunConfiguration("geomRoot","LHEP+emStandard+optical
","specialCuts") in current scope /u/galoyan/pandaroot7/pandaroot/gconfig/g4Config.C:29:
Possible candidates are...

(in TG4RunConfiguration)

/misc/cbmsoft/Debian3.1/new/transport/geant4_vmc/lib/tgt_linux/libgeant4_vmc.so -1:-1 0
public: TG4RunConfiguration TG4RunConfiguration::TG4RunConfiguration(const TString&
userGeometry,Bool_t specialStacking=false);

/misc/cbmsoft/Debian3.1/new/transport/geant4_vmc/lib/tgt_linux/libgeant4_vmc.so -1:-1 0
private: TG4RunConfiguration TG4RunConfiguration::TG4RunConfiguration(const
TG4RunConfiguration& right);

*** Interpreter error recovered ***

*** Break *** segmentation violation

Using host libthread_db library "/lib/libthread_db.so.1".

Attaching to program: /proc/14352/exe, process 14352

`system-supplied DSO at 0xffffe000' has disappeared; keeping its symbols.

done.

done.

[Thread debugging using libthread_db enabled]

[New Thread 16384 (LWP 14352)]

done.

done.

done.

done.

done.

done.

done.

done.

done.

0x419cc788 in waitpid () from /lib/libc.so.6

#1 0x41a548c0 in __DTOR_END__ () from /lib/libc.so.6

#2 0x41965442 in do_system () from /lib/libc.so.6

#3 0x418e0c5f in system () from /lib/libpthread.so.0

#4 0x402cc2a5 in TUnixSystem::Exec ()

from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCore.so.5.14

#5 0x402cc78a in TUnixSystem::StackTrace ()

```

from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCore.so.5.14
#6 0x402ca507 in TUnixSystem::DispatchSignals ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCore.so.5.14
#7 0x402c84cc in SigHandler ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCore.so.5.14
#8 0x402cf758 in sighandler ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCore.so.5.14
#9 0x418df825 in __pthread_sighandler () from /lib/libpthread.so.0
#10 <signal handler called>
#11 0x4494c183 in CbmMCApplication::InitMC (this=0x8d4fc80,
    setup=0x8ec4b50 "/u/galoyan/pandaroot7/pandaroot/gconfig/g4Config.C")
    at /u/galoyan/pandaroot7/pandaroot/base/CbmMCApplication.cxx:161
#12 0x4495efa1 in CbmRunSim::Init (this=0x834e740)
    at /u/galoyan/pandaroot7/pandaroot/base/CbmRunSim.cxx:123
#13 0x44999dc2 in G__CbmDict_662_0_8 (result7=0xbfb70fd0,
    funcname=0x834f490 "\001", libp=0xbfb6da20, hash=0)
    at /u/galoyan/pandaroot7/build1/base/CbmDict.cxx:10173
#14 0x40927d5d in Cint::G__ExceptionWrapper ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#15 0x409eb809 in G__call_cppfunc ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#16 0x409d8371 in G__interpret_func ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#17 0x409bd57f in G__getfunction ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#18 0x40a5e994 in G__getstructmem ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#19 0x40a55e85 in G__getvariable ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#20 0x409b2544 in G__getitem ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#21 0x409b0876 in G__getexpr ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#22 0x40a06b40 in G__exec_function ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#23 0x40a0ed99 in G__exec_statement ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#24 0x40991416 in G__exec_tempfile_core ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#25 0x40991743 in G__exec_tempfile ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#26 0x40a17d1d in G__process_cmd ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCint.so.5.14
#27 0x40222b9d in TCint::ProcessLine ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCore.so.5.14
#28 0x40222d3b in TCint::ProcessLineSynch ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCore.so.5.14
#29 0x4014c117 in TApplication::ProcessFile ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCore.so.5.14
#30 0x4014b6bf in TApplication::ProcessLine ()
    from /misc/cbmsoft/Debian3.1/new/tools/root/lib/libCore.so.5.14
#31 0x417afb84 in TRint::HandleTermInput ()

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Aida

Mohammad

because if that is the case,
maybe you have to work with root version
libCore.so.5.17.

AliciaS.
