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Subject: Re: Bug in Drc

Posted by [Stefano Spataro](#) on Sun, 02 Dec 2007 11:43:07 GMT

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Hi,

thanks at all for the "week-end" fix.

However, running the macro/run/run\_sim.C , the analysis crashes while defining Drc geometry:

```
Info in <TGeoManager::CloseGeometry>: -----modeler ready-----
node,name 0 drc01
size=1
1 drc01_clone
```

```
*** Break *** segmentation violation
Using host libthread_db library "/lib/libthread_db.so.1".
Attaching to program: /proc/11031/exe, process 11031
`system-supplied DSO at 0xffffe000' has disappeared; keeping its symbols.
[Thread debugging using libthread_db enabled]
[New Thread -1234958672 (LWP 11031)]
0xffffe410 in __kernel_vsyscall ()
#1  0xb66faa03 in waitpid () from /lib/libc.so.6
#2  0xb66a5569 in strtold_l () from /lib/libc.so.6
#3  0xb679c36d in system () from /lib/libpthread.so.0
#4  0xb79e06ab in TUnixSystem::Exec () from
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCore.so.5.14
#5  0xb79e4bca in TUnixSystem::StackTrace () from
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCore.so.5.14
#6  0xb79e3bdd in TUnixSystem::DispatchSignals () from
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCore.so.5.14
#7  0xb79e3d75 in SigHandler () from /d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCore.so.5.14
#8  0xb79dd7ed in sighandler () from /d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCore.so.5.14
#9  <signal handler called>
#10 0xb686229a in std::basic_string<char, std::char_traits<char>, std::allocator<char>
>::basic_string () from /usr/lib/gcc/i686-pc-linux-gnu/4.1.1/libstdc++.so.6
#11 0xb30ea58e in PndDrcOptDevManager::addDeviceSystem (this=0xa3fdbe8,
sys=@0xbfc09714) at /home/spataro/pandaroot/drc/drcprop/PndDrcOptDevManager.cxx:140
#12 0xb309b484 in PndDrc::Initialize (this=0x8d17a70) at
/home/spataro/pandaroot/drc/PndDrc.cxx:275
#13 0xb3779400 in CbmMCApplication::InitGeometry (this=0x8d7f420) at
/home/spataro/pandaroot/base/CbmMCApplication.cxx:505
#14 0xb3b62cba in TGeant3::Init (this=0x8e86088) at TGeant3.cxx:5866
#15 0xb377b005 in CbmMCApplication::InitMC (this=0x8d7f420, setup=0x8df3048
"/home/spataro/pandaroot/gconfig/g3Config.C")
    at /home/spataro/pandaroot/base/CbmMCApplication.cxx:162
#16 0xb378c322 in CbmRunSim::Init (this=0x8c77410) at
/home/spataro/pandaroot/base/CbmRunSim.cxx:133
#17 0xb37c0e73 in G__CbmDict_662_0_8 (result7=0xbfc17ccc, funcname=0x8c70b38 "\001",
libp=0xbfc14228, hash=0) at /home/spataro/cbuild/base/CbmDict.cxx:10188
#18 0xb73e4c05 in Cint::G__ExceptionWrapper () from
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14
#19 0xb74aa674 in G__call_cppfunc () from
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14
```

#20 0xb7484c1c in G\_\_interpret\_func () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14  
#21 0xb74792b1 in G\_\_getfunction () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14  
#22 0xb750bb60 in G\_\_getstructmem () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14  
#23 0xb75032ca in G\_\_getvariable () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14  
#24 0xb745ab4b in G\_\_getitem () from /d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14  
#25 0xb74654e1 in G\_\_getexpr () from /d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14  
#26 0xb74b827a in G\_\_exec\_function () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14  
#27 0xb74bc2ac in G\_\_exec\_statement () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14  
#28 0xb744882b in G\_\_exec\_tempfile\_core () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14  
#29 0xb7448a15 in G\_\_exec\_tempfile () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14  
#30 0xb74c7b4e in G\_\_process\_cmd () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCint.so.5.14  
#31 0xb79544e3 in TCint::ProcessLine () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCore.so.5.14  
#32 0xb794f084 in TCint::ProcessLineSynch () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCore.so.5.14  
#33 0xb78831ff in TApplication::ProcessFile () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCore.so.5.14  
#34 0xb787fa3e in TApplication::ProcessLine () from  
/d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libCore.so.5.14  
#35 0xb68f42f9 in TRint::Run () from /d/c0/cbmsoft/ccacbmsoft/tools/root/lib/libRint.so.5.14  
#36 0x08048e00 in main ()

I tried with the old external packages (the previous error message) and also with the new ones, while having always the same error.  
So maybe there is still some mismatch somewhere.

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