
Subject: Re: Field maps in Macros
Posted by [donghee](#) on Fri, 15 Jan 2010 20:52:14 GMT
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Dear colleagues,

The parameter root files are deleted from run and emc directory before execution of macro script, and running again in gdb.

The output error messages for macro/run/sim_complete_tpc.C are still there.

Quote:

```
PndEmcDigiPar initialized from Ascii file
-I- PndFieldMap: Reading field map from ROOT file
/home/donghee/GSI/pandaroot/input/TransMap.1500.root
-I- PndFieldMap: Reading field map from ROOT file
/home/donghee/GSI/pandaroot/input/DipoleMap1.1500.root
-I- PndFieldMap: Reading field map from ROOT file
/home/donghee/GSI/pandaroot/input/DipoleMap2.1500.root
-I- PndFieldMap: Reading field map from ROOT file
/home/donghee/GSI/pandaroot/input/SolenoidMap1.root
-I- PndFieldMap: Reading field map from ROOT file
/home/donghee/GSI/pandaroot/input/SolenoidMap2.root
-I- PndFieldMap: Reading field map from ROOT file
/home/donghee/GSI/pandaroot/input/SolenoidMap3.root
-I- PndFieldMap: Reading field map from ROOT file
/home/donghee/GSI/pandaroot/input/SolenoidMap4.root
create PndFieldPar container PndMultiFieldPar
create PndFieldPar container PndTransPar
create PndFieldPar container PndDipole1Par
create PndFieldPar container PndDipole2Par
create PndFieldPar container PndSolenoid1Par
create PndFieldPar container PndSolenoid2Par
create PndFieldPar container PndSolenoid3Par
create PndFieldPar container PndSolenoid4Par
```

```
Program received signal SIGSEGV, Segmentation fault.
[Switching to Thread 0xb6b1a6c0 (LWP 10442)]
0xb3d79ac4 in ROOT::Init68 () from /home/donghee/GSI/buildpanda/lib/libField.so
```

Detail backtrace of all stack frames shows failure of field map reading at below.
In order to do very simple test, pandaroot trunk has been downloaded, installed and directly example macros are executed without any modification.
Every script has the same problem in my current OS, in which I'm using now Ubuntu 32bit.
Do you have some more idea for this problem?

Thank you for your help!
Donghee

Quote:

(gdb) bt

```
#0 0xb3d79ac4 in ROOT::Init68 () from /home/donghee/GSI/buildpanda/lib/libField.so
#1 0xb6dd2d60 in ?? () from /usr/lib/libstdc++.so.6
#2 0xb3fb95ec in FairRunSim::SetFieldContainer (this=0x8831e68)
    at /home/donghee/GSI/pandaroot/base/FairRunSim.cxx:183
#3 0xb3fbc0bb in FairRunSim::Init (this=0x8831e68) at
    /home/donghee/GSI/pandaroot/base/FairRunSim.cxx:147
#4 0xb3ff225d in G__FairDict_662_0_4 (result7=0xbfb36ac, funcname=0x882e5c0 "\001",
    libp=0xbfb9040, hash=0)
    at /home/donghee/GSI/buildpanda/base/FairDict.cxx:9073
#5 0xb70402d7 in Cint::G__ExceptionWrapper () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#6 0xb70fc996 in G__execute_call () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#7 0xb70fdb40 in G__call_cppfunc () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#8 0xb70d0027 in G__interpret_func () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#9 0xb70bdf69 in G__getfunction () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#10 0xb71badc4 in G__getstructmem () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#11 0xb71b026a in G__getvariable () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#12 0xb70909ef in G__getitem () from /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#13 0xb70982e8 in G__getexpr () from /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#14 0xb712f386 in G__exec_statement () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#15 0xb70d2280 in G__interpret_func () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#16 0xb70be0bd in G__getfunction () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#17 0xb709100b in G__getitem () from /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#18 0xb70982e8 in G__getexpr () from /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#19 0xb70a3ec2 in G__calc_internal () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#20 0xb7139200 in G__process_cmd () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCint.so.5.24
#21 0xb7945c10 in TCint::ProcessLine () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCore.so.5.24
#22 0xb79458cf in TCint::ProcessLineSynch () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCore.so.5.24
#23 0xb786a4b0 in TApplication::ExecuteFile () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCore.so.5.24
#24 0xb786aa9c in TApplication::ProcessFile () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCore.so.5.24
#25 0xb7867ece in TApplication::ProcessLine () from
    /home/donghee/GSI/fairsoft/tools/root/lib/libCore.so.5.24
```

#26 0xb6dff101 in TRint::HandleTermInput () from
/home/donghee/GSI/fairsoft/tools/root/lib/libRint.so.5.24
#27 0xb6dfe3b5 in TTermInputHandler::Notify () from
/home/donghee/GSI/fairsoft/tools/root/lib/libRint.so.5.24
#28 0xb6e00b34 in TTermInputHandler::ReadNotify () from
/home/donghee/GSI/fairsoft/tools/root/lib/libRint.so.5.24
#29 0xb795ce65 in TUnixSystem::CheckDescriptors () from
/home/donghee/GSI/fairsoft/tools/root/lib/libCore.so.5.24
#30 0xb795d37f in TUnixSystem::DispatchOneEvent () from
/home/donghee/GSI/fairsoft/tools/root/lib/libCore.so.5.24
#31 0xb78cb2a1 in TSystem::InnerLoop () from
/home/donghee/GSI/fairsoft/tools/root/lib/libCore.so.5.24
#32 0xb78cf301 in TSystem::Run () from
/home/donghee/GSI/fairsoft/tools/root/lib/libCore.so.5.24
#33 0xb7866397 in TApplication::Run () from
/home/donghee/GSI/fairsoft/tools/root/lib/libCore.so.5.24
#34 0xb6e005fb in TRint::Run () from /home/donghee/GSI/fairsoft/tools/root/lib/libRint.so.5.24
#35 0x08048eb5 in main ()
