
Subject: Re: New external packages (jan12)
Posted by [Maria Patsyuk](#) on Fri, 20 Jan 2012 15:19:30 GMT
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Hi

I tried to install the new packages on my home computer (PandaRoot version 14201, Ubuntu 10.10., I have here already May11 packages) like

```
svn co https://subversion.gsi.de/fairroot/fairsoft/release/jan12
```

and if I run the simulation then after quite successful installation I see the following error. The thing is that there is no bin/ directory in External_Jan2012 at all. Why does it ask about it? What should I do to avoid such errors?

```
root -l sim_dir.C
root [0]
Processing sim_dir.C...
Warning in <TClassTable::Add>: class PndSdsMCPoint already in TClassTable
Warning in <TClassTable::Add>: class PndSdsStrip already in TClassTable
Warning in <TClassTable::Add>: class PndSdsDigi already in TClassTable
Warning in <TClassTable::Add>: class PndSdsDetector already in TClassTable
Info in <TGeoManager::TGeoManager>: Geometry FAIRGeom, FAIR geometry created
-l- FairGeoMedia Read media
Loading Geant4 global libraries ...Our Macro
sh: /home/masha/PANDA/External_Jan2012/bin/geant4-config: not found
Error in <TUnixSystem::GetFromPipe>: command "$SIMPATH/bin/geant4-config --libs"
returned 32512
Loading VGM libraries ...
Loading g4root library ...
dlopen error: /home/masha/PANDA/External_Jan2012/transport/geant4_vmc/lib/tgt_linux/li
bg4root.so: undefined symbol: _ZTI27G4VUserDetectorConstruction
Load Error: Failed to load Dynamic link library
/home/masha/PANDA/External_Jan2012/transport/geant4_vmc/lib/tgt_linux/li bg4root.so
Warning: Return value of void g4libs_global() ignored
/home/masha/PANDA/External_Jan2012/transport/macro/g4libs.C:135:
Error: Symbol TG4RunConfiguration is not defined in current scope
/home/masha/PANDA/trunk/gconfig/g4Config.C:29:
Error: Symbol TG4RunConfiguration is not defined in current scope
/home/masha/PANDA/trunk/gconfig/g4Config.C:29:
Error: type TG4RunConfiguration not defined
FILE:/home/masha/PANDA/trunk/gconfig/g4Config.C LINE:29
Error: Invalid type 'TG4RunConfiguration*' in declaration of 'runConfiguration'
/home/masha/PANDA/trunk/gconfig/g4Config.C:29:
*** Interpreter error recovered ***
SetCuts Macro: Setting Processes..
Error: illegal pointer to class object gMC 0x0 839
/home/masha/PANDA/trunk/gconfig/SetCuts.C:23:
*** Interpreter error recovered ***

*** Break *** segmentation violation
```

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There was a crash (kSigSegmentationViolation).

This is the entire stack trace of all threads:

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```
#0 0xb7770424 in __kernel_vsyscall ()
#1 0xb6663c53 in waitpid () from /lib/libc.so.6
#2 0xb6604343 in ?? () from /lib/libc.so.6
#3 0xb67369dd in system () from /lib/libpthread.so.0
#4 0xb71889c3 in TUnixSystem::Exec (this=0x94b5730, shellcmd=0x9d65400
"/home/masha/PANDA/External_Jan2012/tools/root/etc/gdb-backtrace.sh 28413 1>&2") at
/home/masha/PANDA/External_Jan2012/tools/root/core/unix/src/TUnixSystem.cxx:2058
#5 0xb718927b in TUnixSystem::StackTrace (this=0x94b5730) at
/home/masha/PANDA/External_Jan2012/tools/root/core/unix/src/TUnixSystem.cxx:2306
#6 0xb7186c09 in TUnixSystem::DispatchSignals (this=0x94b5730,
sig=kSigSegmentationViolation) at
/home/masha/PANDA/External_Jan2012/tools/root/core/unix/src/TUnixSystem.cxx:1184
#7 0xb7184ba1 in SigHandler (sig=kSigSegmentationViolation) at
/home/masha/PANDA/External_Jan2012/tools/root/core/unix/src/TUnixSystem.cxx:367
#8 0xb718c871 in sighandler (sig=11) at
/home/masha/PANDA/External_Jan2012/tools/root/core/unix/src/TUnixSystem.cxx:3588
#9 0xb71bcf4c in textinput::TerminalConfigUnix::HandleSignal (this=0xb772eba0, signum=11)
at /home/masha/PANDA/External_Jan2012/tools/root/core/textinput/src/textinp
ut/TerminalConfigUnix.cpp:96
#10 0xb71bca7e in (anonymous namespace)::TerminalConfigUnix__handleSignal
(signum=11) at /home/masha/PANDA/External_Jan2012/tools/root/core/textinput/src/textinp
ut/TerminalConfigUnix.cpp:36
#11 <signal handler called>
#12 0xb2f7c115 in FairMCApplication::InitMC (this=0x9f82808, setup=0x9f8baa8
"/home/masha/PANDA/trunk/gconfig/g4Config.C", cuts=0x9f8ba60
"/home/masha/PANDA/trunk/gconfig/SetCuts.C") at
/home/masha/PANDA/trunk/base/FairMCApplication.cxx:200
#13 0xb2fb0959 in FairRunSim::SetMCConfig (this=0x996bc08) at
/home/masha/PANDA/trunk/base/FairRunSim.cxx:345
#14 0xb2faef79 in FairRunSim::Init (this=0x996bc08) at
/home/masha/PANDA/trunk/base/FairRunSim.cxx:196
#15 0xb301d9f8 in G__FairDict_982_0_4 (result7=0xbfd9d3e8, funcname=0x9d91bc0 "",
libp=0xbfd92da4, hash=0) at /home/masha/PANDA/build_Jan2012/base/FairDict.cxx:15281
#16 0xb6931b2f in Cint::G__ExceptionWrapper (funcp=0xb301d9d2
<G__FairDict_982_0_4(G__value*, char const*, G__param*, int)>, result7=0xbfd9d3e8,
funcname=0x9d91bc0 "", libp=0xbfd92da4, hash=0) at cint/cint/src/Api.cxx:393
#17 0xb69fd2e3 in G__execute_call (result7=0xbfd9d3e8, libp=0xbfd92da4, ifunc=0x9d91bc0,
ifn=0) at cint/cint/src/newlink.cxx:2406
#18 0xb69fdb22 in G__call_cppfunc (result7=0xbfd9d3e8, libp=0xbfd92da4, ifunc=0x9d91bc0,
ifn=0) at cint/cint/src/newlink.cxx:2610
#19 0xb69d8c79 in G__interpret_func (result7=0xbfd9d3e8, funcname=0x94c4b20 "Init",
libp=0xbfd92da4, hash=404, p_ifunc=0x9d91bc0, funcmatch=1, memfunc_flag=1) at
cint/cint/src/ifunc.cxx:5795
#20 0xb69b4b87 in G__getfunction (item=0x94c1a06 "Init()", known3=0xbfda08d8,
memfunc_flag=1) at cint/cint/src/func.cxx:2665
#21 0xb6adab56 in G__getstructmem (store_var_type=112, varname=...,
```

```

membername=0x94c1a06 "Init()", memnamesize=2147483647, tagname=0x94c2210 "fRun",
known2=0xbfd08d8, varglobal=0xb6b94220, objptr=2) at cint/cint/src/var.cxx:6818
#22 0xb6acb46d in G__getvariable (item=0x94c1a00 "fRun->Init()", known=0xbfd08d8,
varglobal=0xb6b94220, varlocal=0x0) at cint/cint/src/var.cxx:5404
#23 0xb69a4ce1 in G__getitem (item=0x94c1a00 "fRun->Init()") at cint/cint/src/expr.cxx:1906
#24 0xb69a2805 in G__getexpr (expression=0x94dfc60 "fRun->Init()") at
cint/cint/src/expr.cxx:1488
#25 0xb6a2d7b0 in G__exec_function (statement=..., pc=0xbfd08d8, piout=0xbfd08d8,
plargestep=0xbfd08d8, presult=0xbfd08d8) at cint/cint/src/parse.cxx:645
#26 0xb6a3d80d in G__exec_statement (mparen=0xbfd08d8) at cint/cint/src/parse.cxx:7372
#27 0xb6978386 in G__exec_tempfile_core (file=0x94df458
"/home/masha/PANDA/trunk/macro/drc/.sim_dir.C", fp=0x0) at cint/cint/src/debug.cxx:265
#28 0xb6979d53 in G__exec_tempfile (file=0x94df458
"/home/masha/PANDA/trunk/macro/drc/.sim_dir.C") at cint/cint/src/debug.cxx:813
#29 0xb6a4bd2f in G__process_cmd (line=0x983f088 ".x
/home/masha/PANDA/trunk/macro/drc/.sim_dir.C", prompt=0x94b9394 "", more=0x94b938c,
err=0xbfd08d8, rslt=0xbfd08d8) at cint/cint/src/pause.cxx:3182
#30 0xb71373e1 in TCint::ProcessLine (this=0x94b9360, line=0x983f088 ".x
/home/masha/PANDA/trunk/macro/drc/.sim_dir.C", error=0xbfd08d8) at
/home/masha/PANDA/External_Jan2012/tools/root/core/meta/src/TCint.cxx:53 8
#31 0xb713793c in TCint::ProcessLineSynch (this=0x94b9360, line=0x983f088 ".x
/home/masha/PANDA/trunk/macro/drc/.sim_dir.C", error=0xbfd08d8) at
/home/masha/PANDA/External_Jan2012/tools/root/core/meta/src/TCint.cxx:61 7
#32 0xb706d1c0 in TApplication::ExecuteFile (file=0xbfd08d8 "sim_dir.C",
error=0xbfd08d8, keep=false) at
/home/masha/PANDA/External_Jan2012/tools/root/core/base/src/TApplication .cxx:1023
#33 0xb706c978 in TApplication::ProcessFile (this=0x957b9c0, file=0xbfd08d8 "sim_dir.C",
error=0xbfd08d8, keep=false) at
/home/masha/PANDA/External_Jan2012/tools/root/core/base/src/TApplication .cxx:899
#34 0xb706c88d in TApplication::ProcessLine (this=0x957b9c0, line=0xbfd08d8 ".x
sim_dir.C", sync=false, err=0xbfd08d8) at
/home/masha/PANDA/External_Jan2012/tools/root/core/base/src/TApplication .cxx:872
#35 0xb6896f36 in TRint::Run (this=0x957b9c0, retn=false) at
/home/masha/PANDA/External_Jan2012/tools/root/core/rint/src/TRint.cxx:41 8
#36 0x08048ed3 in main (argc=1, argv=0xbfd08d8) at
/home/masha/PANDA/External_Jan2012/tools/root/main/src/rmain.cxx:29
=====

```

The lines below might hint at the cause of the crash.
If they do not help you then please submit a bug report at
<http://root.cern.ch/bugs>. Please post the ENTIRE stack trace
from above as an attachment in addition to anything else
that might help us fixing this issue.

```

=====
#12 0xb2f7c115 in FairMCApplication::InitMC (this=0x9f82808, setup=0x9f8baa8
"/home/masha/PANDA/trunk/gconfig/g4Config.C", cuts=0x9f8ba60
"/home/masha/PANDA/trunk/gconfig/SetCuts.C") at
/home/masha/PANDA/trunk/base/FairMCApplication.cxx:200
#13 0xb2fb0959 in FairRunSim::SetMCConfig (this=0x996bc08) at
/home/masha/PANDA/trunk/base/FairRunSim.cxx:345
#14 0xb2faef79 in FairRunSim::Init (this=0x996bc08) at

```

