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Subject: Problems with PandaRootCharmoniumTutorial  
Posted by [Albrecht Gillitzer](#) on Thu, 28 Oct 2010 08:41:30 GMT  
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Hi,

After PandaRoot installation I tried as a first step to run the PandaRootCharmoniumTutorial. I am getting the following error messages both with the trunk and the stable version.

After  
root run\_sim\_tpccombi.C

I immediately get:

```
dlopen error: /home/kph446/fairroot/build_stable/lib/libRho.so: undefined symbol:
_ZN19VAbsVertexAlgorithm15theDefaultAlgIdE
Load Error: Failed to load Dynamic link library /home/kph446/fairroot/build_stable/lib/libRho.so
(int)(-1)
*** Interpreter error recovered ***
```

Then, after a work-around by Tobias (modification of rho/Rho\_LinkDef.h and rho/CMakeLists.txt):

and after  
root run\_sim\_tpccombi.C  
root run\_digi\_tpccombi.C  
root run\_reco\_tpccombi.C  
root run\_pid\_tpccombi.C

root run\_ana\_tpccombi.C  
crashes with:

```
TRho::GetPDG: Instantiating TDatabasePDG from
/home/kph446/fairroot/pandaroot_stable/rho/RhoParameters/PDT/evt.pdf
Error in <TTree::SetBranchStatus>: unknown branch -> PidChargedProbability
Error in <TTree::SetBranchStatus>: unknown branch -> PidNeutralProbability
Error in <TTree::SetBranchStatus>: unknown branch -> PndMcTracks
Error in <TTree::SetBranchStatus>: unknown branch -> PndEventSummary
```

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

```
=====
There was a crash.
```

This is the entire stack trace of all threads:

```
=====
#0  0x00007f1cb879c5e5 in waitpid () from /lib64/libc.so.6
#1  0x00007f1cb8738861 in ?? () from /lib64/libc.so.6
#2  0x00007f1cba7fd1a2 in TUnixSystem::StackTrace() ()
    from /private/fairsoft/tools/root/lib/libCore.so.5.27
#3  0x00007f1cba7fdc6c in TUnixSystem::DispatchSignals(ESignals) ()
    from /private/fairsoft/tools/root/lib/libCore.so.5.27
```

```

#4 <signal handler called>
#5 0x00007f1cb9183b78 in std::basic_string<char, std::char_traits<char>, std::allocator<char>
>::~~basic_string() () from /usr/lib64/libstdc++.so.6
#6 0x00007f1cba9be5f0 in G__G__Base2_53_0_80(G__value*, char const*, G__param*, int)
()
    from /private/fairsoft/tools/root/lib/libCore.so.5.27
#7 0x00007f1cb9c4bdc4 in Cint::G__ExceptionWrapper(int (*)(G__value*, char const*,
G__param*, int), G__value*, char*, G__param*, int) () from
/private/fairsoft/tools/root/lib/libCint.so.5.27
#8 0x00007f1cb9c6f22d in G__exec_asm () from /private/fairsoft/tools/root/lib/libCint.so.5.27
#9 0x00007f1cb9d3940b in G__exec_loop(char const*, char*, std::list<G__FastAllocString,
std::allocator<G__FastAllocString> > const&) () from
/private/fairsoft/tools/root/lib/libCint.so.5.27
#10 0x00007f1cb9d2e323 in G__exec_statement () from
/private/fairsoft/tools/root/lib/libCint.so.5.27
#11 0x00007f1cb9ce4267 in G__interpret_func () from
/private/fairsoft/tools/root/lib/libCint.so.5.27
#12 0x00007f1cb9cd08ae in G__getfunction () from /private/fairsoft/tools/root/lib/libCint.so.5.27
#13 0x00007f1cb9ca3c0a in G__getitem () from /private/fairsoft/tools/root/lib/libCint.so.5.27
#14 0x00007f1cb9ca7f84 in G__getexpr () from /private/fairsoft/tools/root/lib/libCint.so.5.27
#15 0x00007f1cb9cb5c84 in G__calc_internal () from
/private/fairsoft/tools/root/lib/libCint.so.5.27
#16 0x00007f1cb9d4047e in G__process_cmd () from
/private/fairsoft/tools/root/lib/libCint.so.5.27
#17 0x00007f1cba7bf1a5 in TCint::ProcessLine(char const*, TInterpreter::EErrorCode*) ()
    from /private/fairsoft/tools/root/lib/libCore.so.5.27
#18 0x00007f1cba7bbaf3 in TCint::ProcessLineSynch(char const*, TInterpreter::EErrorCode*)
()
    from /private/fairsoft/tools/root/lib/libCore.so.5.27
#19 0x00007f1cba71b479 in TApplication::ExecuteFile(char const*, int*, bool) ()
    from /private/fairsoft/tools/root/lib/libCore.so.5.27
#20 0x00007f1cba7191b3 in TApplication::ProcessLine(char const*, bool, int*) ()
    from /private/fairsoft/tools/root/lib/libCore.so.5.27
#21 0x00007f1cb9601ec3 in TRint::Run(bool) () from
/private/fairsoft/tools/root/lib/libRint.so.5.27
#22 0x00000000004011ed in main ()
=====

```

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.

```

=====
#5 0x00007f1cb9183b78 in std::basic_string<char, std::char_traits<char>, std::allocator<char>
>::~~basic_string() () from /usr/lib64/libstdc++.so.6
=====

```

Root > Function run\_ana\_tpccombi() busy flag cleared

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Can someone help?

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