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Subject: Re: Install PandaRoot dec17 on Kronos  
Posted by [Iman Keshk](#) on Wed, 14 Feb 2018 08:28:53 GMT  
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Hi Tobias,

I am now using FairRoot v-17.10b\_fairsoft-oct17p1 and FairSoft may16\_root6. When I submit jobs with jobsim\_kronos.sh, I get the same error as Jennifer Pütz here <https://forum.gsi.de/index.php?t=tree&th=5790&start=0&rid=0> . I followed Ralfs instructions but nothing changed, so that I changed to FairRoot v-16.06b\_fairsoft-may16\_root6 so that fairroot and fairsoft are matched. When I submit jobs with jobsim\_kronos.sh I get a segmentation fault when running the pid file in the end. In pid.log:

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.

```
=====
#6 0x00007f91df5fb4be in PndMCTrack::GetPdgCode (this=0x0) at
/lustre/nyx/panda/ikeshk/pandaroot/dec17/pnddata/PndMCTrack.h:73
#7 0x00007f91e666cd13 in PndIdealTrackFinder::CreateTracks (this=0x60a82f0) at
/lustre/nyx/panda/ikeshk/pandaroot/dec17/PndTrackers/PndIdealTrackFin
der/PndIdealTrackFinder.cxx:187
#8 0x00007f91e666be45 in PndIdealTrackFinder::Exec (this=0x60a82f0) at
/lustre/nyx/panda/ikeshk/pandaroot/dec17/PndTrackers/PndIdealTrackFinder /PndI
dealTrackFinder.cxx:98
#9 0x00007f91e6ecf43b in FairTask::ExecuteTasks (this=0x391fec0, option=0x7f91e6f399ec
") at /home/uhlig/fairroot/source/v-16.06/base/steer/FairTas
k.cxx:209
#10 0x00007f91e6ecf47a in FairTask::ExecuteTasks (this=0x5c478a0, option=0x7f91e6f399ec
") at /home/uhlig/fairroot/source/v-16.06/base/steer/FairTas
k.cxx:213
#11 0x00007f91e6ecef91 in FairTask::ExecuteTask (this=0x5c478a0, option=0x7f91e6f399ec
") at /home/uhlig/fairroot/source/v-16.06/base/steer/FairTask
.cxx:173
#12 0x00007f91e6ec1e3f in FairRunAna::Run (this=0x5cb40d0, Ev_start=<optimized out>,
Ev_end=10) at /home/uhlig/fairroot/source/v-16.06/base/steer/Fai
rRunAna.cxx:375
#13 0x00007f91f3da2371 in ?? ()
#14 0x0000000001a64210 in ?? ()
#15 0x0000000001a642c0 in ?? ()
#16 0x00007f91f338d660 in ?? () from /usr/lib/x86_64-linux-gnu/libstdc++.so.6
#17 0x0000000001a642f8 in ?? ()
#18 0x00007f91f338d678 in std::string::_Rep::_S_empty_rep_storage () from
/usr/lib/x86_64-linux-gnu/libstdc++.so.6
#19 0x00007f91f391a890 in vtable for TString () from
/cvmfs/fairroot.gsi.de/fairsoft/may16_root6/lib/root/libCore.so.6
#20 0x7079685f646c6f12 in ?? ()
#21 0x000000000100315f in ?? ()
#22 0x00007f91f391a890 in vtable for TString () from
```

```

/cvmfs/fairroot.gsi.de/fairsoft/may16_root6/lib/root/libCore.so.6
#23 0x7261702e6c6c610e in ?? ()
#24 0x00007f91f3da3000 in ?? ()
#25 0x00007f91f391a890 in vtable for TString () from
/cvmfs/fairroot.gsi.de/fairsoft/may16_root6/lib/root/libCore.so.6
#26 0x0000000064697006 in ?? ()
#27 0x0000000000000024 in ?? ()
#28 0x00007f91f391a890 in vtable for TString () from
/cvmfs/fairroot.gsi.de/fairsoft/may16_root6/lib/root/libCore.so.6
#29 0x0000796d6d75640a in ?? ()
#30 0x0000000005d02558 in ?? ()
#31 0x0000000005cb40d0 in ?? ()
#32 0x00007f91f391a890 in vtable for TString () from
/cvmfs/fairroot.gsi.de/fairsoft/may16_root6/lib/root/libCore.so.6
#33 0x00007f91f2620000 in malloc () from /lib/x86_64-linux-gnu/libc.so.6
#34 0x00007f91f391a890 in vtable for TString () from
/cvmfs/fairroot.gsi.de/fairsoft/may16_root6/lib/root/libCore.so.6
#35 0x0000000064697006 in ?? ()
#36 0x0000000000000024 in ?? ()
#37 0x00007f91f391a890 in vtable for TString () from
/cvmfs/fairroot.gsi.de/fairsoft/may16_root6/lib/root/libCore.so.6
#38 0x7261702e6c6c610e in ?? ()
#39 0x00007f91f3da3000 in ?? ()
#40 0x0000000000000009 in ?? ()
#41 0x00007ffc69bc2a60 in ?? ()
#42 0x00007ffc69bc2a60 in ?? ()
#43 0x0000000001a5f310 in ?? ()
#44 0x00007ffc69bc24e8 in ?? ()
#45 0x00007ffc69bc2520 in ?? ()
#46 0x00007f91f3da204d in ?? ()
#47 0x0000000003274dd8 in ?? ()
#48 0x0000000005c633f0 in ?? ()
#49 0x0000000000000001 in ?? ()
#50 0x00007f91f391a890 in vtable for TString () from
/cvmfs/fairroot.gsi.de/fairsoft/may16_root6/lib/root/libCore.so.6
#51 0x7079685f646c6f12 in ?? ()
#52 0x000000000100315f in ?? ()
#53 0x00007ffc69bc2a60 in ?? ()
#54 0x0000000001a620b0 in ?? ()
#55 0x0000000001b7bef8 in ?? ()
#56 0x0000000000000015 in ?? ()
#57 0x00007ffc69bc2590 in ?? ()
#58 0x00007f91efcd98 in executeWrapper (returnValue=0x7f91f3598930
<TString::TString(TString const&)>, function=..., this=0x6) at
/home/uhlig/fairsoft/source/may16_root6/tools/root/interpreter/cling/lib
/Interpreter/IncrementalExecutor.h:186
#59 cling::Interpreter::RunFunction (this=<optimized out>, FD=<optimized out>,
res=0x7f91f3598930 <TString::TString(TString const&)>) at
/home/uhlig/fairsoft/source/may16_root6/tools/root/interpreter/cling/lib
/Interpreter/Interpreter.cpp:759
#60 0x00007f91efce1f6e in cling::Interpreter::EvaluateInternal (this=0x1a5f310,
input="prod_aod("old_hyp_1") /* invoking function corresponding to '.x' */", CO=..., V=V

```

```
entry=0x7ffc69bc2a60, T=T
entry=0x0) at /home/uhlig/fairsoft/source/may16_root6/tools/root/interpreter/cling/lib
/Interpreter/Interpreter.cpp:1025
#61 0x00007f91efce21af in cling::Interpreter::echo (this=<optimized out>,
input="prod_aod("old_hyp_1") /* invoking function corresponding to '.x' */", V=V
entry=0x7ffc69bc2a60) at
/home/uhlig/fairsoft/source/may16_root6/tools/root/interpreter/cling/lib
/Interpreter/Interpreter.cpp:626
#62 0x00007f91efd863b9 in cling::MetaSema::actOnxCommand (this=0x1adc5b0, file=...,
args=..., result=result
entry=0x7ffc69bc2a60) at
/home/uhlig/fairsoft/source/may16_root6/tools/root/interpreter/cling/lib
/MetaProcessor/MetaSema.cpp:125
#63 0x00007f91efd91a59 in cling::MetaParser::isXCommand (this=this
entry=0x1d6e670, actionResult=
0x7ffc69bc288c: cling::MetaSema::AR_Success, resultValue=resultValue
entry=0x7ffc69bc2a60) at
/home/uhlig/fairsoft/source/may16_root6/tools/root/interpreter/cling/lib
/MetaProcessor/MetaParser.cpp:272
#64 0x00007f91efd92aee in cling::MetaParser::isCommand (this=0x1d6e670, actionResult=
0x7ffc69bc288c: cling::MetaSema::AR_Success, resultValue=0x7ffc69bc2a60) at
/home/uhlig/fairsoft/source/may16_root6/tools/root/interpreter/cling/lib
/MetaProcessor/MetaParser.cpp:124
#65 0x00007f91efd7ffb3 in cling::MetaProcessor::process (this=0x2865010,
input_text=0x2f84d90 ".X
/lustre/nyx/panda/ikeshk/pandaroot/dec17/macro/prod/prod_aod.C("old_hyp_1 ")", compRes=
0x7ffc69bc297c: cling::Interpreter::kSuccess, result=result
entry=0x7ffc69bc2a60) at
/home/uhlig/fairsoft/source/may16_root6/tools/root/interpreter/cling/lib
/MetaProcessor/MetaProcessor.cpp:149
=====
```

```
*** Error in `/cvmfs/fairroot.gsi.de/fairsoft/may16_root6/bin/root.exe': double free or corruption
(!prev): 0x00000000077ec600 ***
Generated Events = 10
```

What am I doing wrong and how can I solve this problem? I hope you can help me out.  
Thank you  
Iman