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Subject: Re: Day1 master macros

Posted by [Dmitry Khaneft](#) on Mon, 06 Feb 2017 13:27:32 GMT

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Now we got problems running it. As Stefano said, we used the following macro without any extra modifications as a test .../macros/qa/day1/sim\_complete.C

The software we used:

FairSoft may16p1

FairRoot v-16.06

PandaRoot trunk 29337

Below is the output:

```
root [0]
Processing sim_complete.C...
PndFileNameCreator::fFileName psi2s_jpsi2pi_jpsi_mumu 23
[INFO ] -E- Could not open input file
/data/work/kpha4/panda_gegm_sim/PandaDayOne/PandaRoot/macro/params/all_day1.par
Fatal in <FairParAsciiFilelo::open>: Could not open input file
aborting
#0 0x0000003aedaac65e in __libc_waitpid (pid=<value optimized out>,
stat_loc=0x7fff042f583c, options=<value optimized out>) at
../sysdeps/unix/sysv/linux/waitpid.c:32
#1 0x0000003aeda3e609 in do_system (line=<value optimized out>) at
../sysdeps/posix/system.c:149
#2 0x00002b0c378ea99f in TUnixSystem::StackTrace() () from
/data/work/kpha4/panda_gegm_sim/PandaDayOne/fairsoft_may16p1_install/lib/root/libCore.so
.5
#3 0x00002b0c37942831 in DefaultErrorHandler(int, bool, char const*, char const*) () from
/data/work/kpha4/panda_gegm_sim/PandaDayOne/fairsoft_may16p1_install/lib/root/libCore.so
.5
#4 0x00002b0c37942296 in ErrorHandler () from
/data/work/kpha4/panda_gegm_sim/PandaDayOne/fairsoft_may16p1_install/lib/root/libCore.so
.5
#5 0x00002b0c3795fc54 in TObject::Fatal(char const*, char const*, ...) const () from
/data/work/kpha4/panda_gegm_sim/PandaDayOne/fairsoft_may16p1_install/lib/root/libCore.so
.5
#6 0x00002b0c3e7387e6 in FairParAsciiFilelo::open(char const*, char const*) () at
/data/work/kpha4/panda_gegm_sim/PandaDayOne/FairRoot-16.06/parbase/FairParAsciiFilelo.
cxx:78
#7 0x00002b0c4c232acb in PndMasterRunSim::Setup(TString) () at
/data/work/kpha4/panda_gegm_sim/PandaDayOne/PandaRoot/PndTools/master/PndMasterR
unSim.cxx:87
#8 0x00002b0c4c2405eb in G__G__MasterDict_776_0_2(G__value*, char const*,
G__param*, int) () at
/data/work/kpha4/panda_gegm_sim/PandaDayOne/PandaRoot/buildPanda/PndTools/master/
G__MasterDict.cxx:1638
#9 0x00002b0c37e20aee in Cint::G__ExceptionWrapper(int (*)(G__value*, char const*,
G__param*, int), G__value*, char*, G__param*, int) () from
/data/work/kpha4/panda_gegm_sim/PandaDayOne/fairsoft_may16p1_install/lib/root/libCint.so.
5
```

#10 0x00002b0c37dc23c7 in G\_\_execute\_call () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#11 0x00002b0c37dc274d in G\_\_call\_cppfunc () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#12 0x00002b0c37e5ad38 in G\_\_interpret\_func () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#13 0x00002b0c37edc777 in G\_\_getfunction () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#14 0x00002b0c37e0c24c in G\_\_getstructmem(int, G\_\_FastAllocString&, char\*, int, char\*, int\*,  
G\_\_var\_array\*, int) () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#15 0x00002b0c37e04c04 in G\_\_getvariable () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#16 0x00002b0c37e64daf in G\_\_getitem () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#17 0x00002b0c37e6b66c in G\_\_getexpr () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#18 0x00002b0c37db8505 in G\_\_exec\_statement () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#19 0x00002b0c37e59779 in G\_\_interpret\_func () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#20 0x00002b0c37edc7d5 in G\_\_getfunction () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#21 0x00002b0c37e652b2 in G\_\_getitem () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#22 0x00002b0c37e6b66c in G\_\_getexpr () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#23 0x00002b0c37e761e8 in G\_\_calc\_internal () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#24 0x00002b0c37df5a77 in G\_\_process\_cmd () from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCint.so.  
5

#25 0x00002b0c378dda80 in TCint::ProcessLine(char const\*, TInterpreter::EErrorCode\*) ()  
from  
/data/work/kpha4/panda\_gegm\_sim/PandaDayOne/fairsoft\_may16p1\_install/lib/root/libCore.so.  
.5

#26 0x00002b0c378da14b in TCint::ProcessLineSynch(char const\*,  
TInterpreter::EErrorCode\*) () from

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/data/work/kpha4/panda_gegm_sim/PandaDayOne/fairsoft_may16p1_install/lib/root/libCore.so
.5
#27 0x00002b0c379370dc in TApplication::ExecuteFile(char const*, int*, bool) () from
/data/work/kpha4/panda_gegm_sim/PandaDayOne/fairsoft_may16p1_install/lib/root/libCore.so
.5
#28 0x00002b0c37936640 in TApplication::ProcessLine(char const*, bool, int*) () from
/data/work/kpha4/panda_gegm_sim/PandaDayOne/fairsoft_may16p1_install/lib/root/libCore.so
.5
#29 0x00002b0c371e1be2 in TRint::Run(bool) () from
/data/work/kpha4/panda_gegm_sim/PandaDayOne/fairsoft_may16p1_install/lib/root/libRint.so.
5
#30 0x000000000040127c in main ()
```

And few more questions:

1. What is parAsciiFile?
2. What is inputDir, where should it point to?
3. How to set output file? The command fRun->SetOutput(output); as in digi macro doesn't work in the sim one.

P.S. Sim macro /macro/qa/run3/sim\_complete.C works without problems.

Cheers,  
Dmitry

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