

Hi sir,
thanks for reply.

I am using now run_sim_sttcombi.C & it shows error in macro params_sttcombi.root.
than I cheaked svn link this root file is not there. error is looks like as:-
iit-ind01@iitind01-Vostro-1014:~/pandaroot/tutorials/charmonium/feb10\$ root -b
run_sim_sttcombi.C

```
*****
*                                     *
*   W E L C O M E  t o  R O O T      *
*                                     *
*   Version   5.32/00   2 December 2011   *
*                                     *
*   You are welcome to visit our Web site *
*   http://root.cern.ch                  *
*                                     *
*****
```

ROOT 5.32/00 (tags/v5-32-00@42375, Jan 28 2012, 16:48:20 on linuxx8664gcc)

CINT/ROOT C/C++ Interpreter version 5.18.00, July 2, 2010

Type ? for help. Commands must be C++ statements.

Enclose multiple statements between { }.

root [0]

Processing run_sim_sttcombi.C...

```
*****
* The Pluto event generator
* Developed by HADES and all contributing AUTHORS
* www-hades.gsi.de/computing/pluto/html/PlutoIndex.html
* Version: 5.37
* Compiled on 28 January 2012
*****
```

Info in (PndGeoHandling::Instance): Making a new instance using the framework.

fgeoName3 /home/iit-ind01/pandaroot/geometry/emc_module4_StraightGeo24.4.root

-I FairEvtGenGenerator: Opening input file output.evt

Error in <TFile::ReadBuffer>: error reading all requested bytes from file params_sttcombi.root,
got 236 of 300

Warning in <TFile::Init>: file params_sttcombi.root probably not closed, cannot read free
segments

Warning in <TFile::Init>: file params_sttcombi.root has no keys

Info in <TGeoManager::TGeoManager>: Geometry FAIRGeom, FAIR geometry created

-I- FairGeoMedia Read media

-I container name PndEmcGeoPar

-I container name PndEmcDigiPar

-I container name PndEmcDigiNonuniformityPar

```
*****
initialisation for run id 265430417
```

PndEmcDigiPar initialized from Ascii file
Error in <FairRuntimeDb::initContainers(>: Error occurred during initialization
Loading Geant3 libraries ...
Loading Geant3 libraries ... finished

MZSTOR. ZEBRA table base TAB(0) in /MZCC/ at adr 127727279 79CF6AF HEX

MZSTOR. Initialize Store 0 in /GCBANK/
with Store/Table at absolute adrs 127750317 127727279
HEX 79D50AD 79CF6AF
HEX 560A 0
relative adrs 22026 0
with 1 Str. in 2 Links in 5300 Low words in 4999970 words.
This store has a fence of 16 words.

MZLOGL. Set Log Level 0 for store 0
1***** GEANT Version 3.21/11 Released on 100298
0***** Correction Cradle Version 0.1100

MZDIV. Initialize Division Constant in Store 0
NW/NWMAX= 20004000000, MODE/KIND= 1 2
Division 20 initialized.

MZLINK. Initialize Link Area /GCLINK/ for Store 0 NL/NS= 20 20

MZLINK. Initialize Link Area /GCSLNK/ for Store 0 NL/NS= 100 100
-I- G3Config: Geant3 with TGeo has been created.
SetCuts Macro: Setting Processes..
SetCuts Macro: Setting cuts..
Info in <TGeoManager::SetTopVolume>: Top volume is cave. Master volume is cave
Info in <TGeoNavigator::BuildCache>: --- Maximum geometry depth set to 100
-I container name PndGeoSttPar
fwendcap & bwendcap flags == 1 / 1

===== EMC 2):: ConstructASCIIGeometry() ===
=====

PndEmcReader: EMC geometry file ==
/home/iit-ind01/pandaroot/geometry/emc_module125.dat
Emc module = 1

Emc module = 2

Emc module = 3

Emc module = 4

Emc module = 5

===== EMC:: ConstructRootGeometry() m3a ===
=====

File name = /home/iit-ind01/pandaroot/geometry/emc_module3new.root

===== EMC:: ConstructRootGeometry() m4a ===

=====

fgeoName3:: /home/iit-ind01/pandaroot/geometry/emc_module4_StraightGeo24.4.root

File name Bw1= /home/iit-ind01/pandaroot/geometry/emc_module4_StraightGeo24.4.root

===== DRC:: ConstructGeometry() =====

=====

Geometry format not supported!

=====

Info in <TGeoManager::CheckGeometry>: Fixing runtime shapes...

Info in <TGeoManager::CheckGeometry>: ...Nothing to fix

Info in <TGeoManager::CloseGeometry>: Counting nodes...

Info in <TGeoManager::Voxelize>: Voxelizing...

Info in <TGeoManager::CloseGeometry>: Building cache...

Info in <TGeoManager::CloseGeometry>: 477552 nodes/ 3330 volume UID's in FAIR geometry

Info in <TGeoManager::CloseGeometry>: -----modeler ready-----

=====

===== DRC:: ConstructOpticalGeometry() =====

Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface MirrSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface MirrSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface EVSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface EVAirSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface EVSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface PDSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface EVPDSurface. Not applicable in Geant3 - setting is ignored.

Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface PDSurface. Not applicable in Geant3 - setting is ignored.

===== DRC::ConstructOpGeometry -> Finished! =====

-I- Initializing PndSdsDetector()

PndEmc::SetSpecialPhysicsCuts():

using special physics cuts ...

```
-I- Initializing PndGemDetector()
-I- PndDrc: Initialization started...
-I- PndDrc: Switching OFF Cherenkov Propagation
Volld: Volume DrcBarSensor not found
bar 1 id = 0
Volld: Volume DrcPDSensor not found
Volld: Volume DrcBarBox not found
Volld: Volume DrcEV not found
-I- PndDrc: Initialization successfull
INITIALIZATION *****
Emc mapper version 0 does not exist
Emc mapper should be initialised first with PndEmcMapper::Init()
Emc mapper should be initialised first with PndEmcMapper::Init()
```

*** Break *** segmentation violation

=====

There was a crash.

This is the entire stack trace of all threads:

=====

```
#0 0x00007ffd312211ae in waitpid () from /lib/x86_64-linux-gnu/libc.so.6
#1 0x00007ffd311b5d6e in ?? () from /lib/x86_64-linux-gnu/libc.so.6
#2 0x00007ffd32ecec17 in TUnixSystem::StackTrace() () from
/home/iit-ind01/fairsoft/tools/root/lib/libCore.so.5.32
#3 0x00007ffd32ed0d53 in TUnixSystem::DispatchSignals(ESignals) () from
/home/iit-ind01/fairsoft/tools/root/lib/libCore.so.5.32
#4 <signal handler called>
#5 0x00007ffd263b4556 in std::_Rb_tree<int, std::pair<int const, PndEmcTwoCoordIndex*>,
std::_Select1st<std::pair<int const, PndEmcTwoCoordIndex*> >, std::less<int>,
std::allocator<std::pair<int const, PndEmcTwoCoordIndex*> > >::_M_begin (this=0x10) at
/usr/include/c++/4.5/bits/stl_tree.h:482
#6 0x00007ffd263d7f4e in std::_Rb_tree<int, std::pair<int const, PndEmcTwoCoordIndex*>,
std::_Select1st<std::pair<int const, PndEmcTwoCoordIndex*> >, std::less<int>,
std::allocator<std::pair<int const, PndEmcTwoCoordIndex*> > >::lower_bound (this=0x10,
__k=
0x7fff137123c4) at /usr/include/c++/4.5/bits/stl_tree.h:763
#7 0x00007ffd263d79c7 in std::map<int, PndEmcTwoCoordIndex*, std::less<int>,
std::allocator<std::pair<int const, PndEmcTwoCoordIndex*> > >::lower_bound (this=0x10,
__x=
0x7fff137123c4) at /usr/include/c++/4.5/bits/stl_map.h:739
#8 0x00007ffd263d77b0 in std::map<int, PndEmcTwoCoordIndex*, std::less<int>,
std::allocator<std::pair<int const, PndEmcTwoCoordIndex*> > >::operator[] (this=0x10, __k=
0x7fff137123c4) at /usr/include/c++/4.5/bits/stl_map.h:448
#9 0x00007ffd263d7214 in PndEmcMapper::GetTCI (this=0x0, DetectorId=501010002) at
/home/iit-ind01/pandaroot/emc/EmcTools/PndEmcMapper.cxx:343
#10 0x00007ffd263d0038 in PndEmcStructure::PndEmcStructure (this=0xa2108c0,
geoMan=0x25a4a80) at /home/iit-ind01/pandaroot/emc/EmcTools/PndEmcStructure.cxx:111
#11 0x00007ffd263cfe35 in PndEmcStructure::Instance () at
/home/iit-ind01/pandaroot/emc/EmcTools/PndEmcStructure.cxx:79
```

```

#12 0x00007ffd263a983e in PndEmcHitProducer::Init (this=0x258def0) at
/home/iit-ind01/pandaroot/emc/EmcDigi/PndEmcHitProducer.cxx:109
#13 0x00007ffd28e85e9a in FairTask::InitTask (this=0x258def0) at
/home/iit-ind01/pandaroot/base/FairTask.cxx:48
#14 0x00007ffd28e86168 in FairTask::InitTasks (this=0x1e0c6c0) at
/home/iit-ind01/pandaroot/base/FairTask.cxx:120
#15 0x00007ffd28e85f04 in FairTask::InitTask (this=0x1e0c6c0) at
/home/iit-ind01/pandaroot/base/FairTask.cxx:53
#16 0x00007ffd28e86168 in FairTask::InitTasks (this=0x25d2950) at
/home/iit-ind01/pandaroot/base/FairTask.cxx:120
#17 0x00007ffd28e85f04 in FairTask::InitTask (this=0x25d2950) at
/home/iit-ind01/pandaroot/base/FairTask.cxx:53
#18 0x00007ffd28e57ae7 in FairMCApplication::InitTasks (this=0x25ce8c0) at
/home/iit-ind01/pandaroot/base/FairMCApplication.cxx:964
#19 0x00007ffd28e55cf7 in FairMCApplication::InitGeometry (this=0x25ce8c0) at
/home/iit-ind01/pandaroot/base/FairMCApplication.cxx:662
#20 0x00007ffd28e539ce in FairMCApplication::InitMC (this=0x25ce8c0, setup=0x25dc040
"/home/iit-ind01/pandaroot/gconfig/g3Config.C", cuts=0x25dd180
"/home/iit-ind01/pandaroot/gconfig/SetCuts.C") at
/home/iit-ind01/pandaroot/base/FairMCApplication.cxx:206
#21 0x00007ffd28e84f1c in FairRunSim::SetMCConfig (this=0x1e0c520) at
/home/iit-ind01/pandaroot/base/FairRunSim.cxx:345
#22 0x00007ffd28e837c2 in FairRunSim::Init (this=0x1e0c520) at
/home/iit-ind01/pandaroot/base/FairRunSim.cxx:196
#23 0x00007ffd28ef0b5c in G__FairDict_982_0_4 (result7=0x7fff1371ee30,
funcname=0x24529d0 "", libp=0x7fff13714420, hash=0) at
/home/iit-ind01/pandaroot/buildPanda/base/FairDict.cxx:15281
#24 0x00007ffd32350736 in Cint::G__ExceptionWrapper(int (*)(G__value*, char const*,
G__param*, int), G__value*, char*, G__param*, int) () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#25 0x00007ffd323f3981 in G__execute_call () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#26 0x00007ffd323f3d80 in G__call_cppfunc () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#27 0x00007ffd323d43f2 in G__interpret_func () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#28 0x00007ffd323c0928 in G__getfunction () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#29 0x00007ffd324a7f83 in G__getstructmem(int, G__FastAllocString&, char*, int, char*, int*,
G__var_array*, int) () from /home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#30 0x00007ffd324a0221 in G__getvariable () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#31 0x00007ffd3239c73b in G__getitem () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#32 0x00007ffd323a30ef in G__getexpr () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#33 0x00007ffd32423da6 in G__exec_statement () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#34 0x00007ffd323d2909 in G__interpret_func () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#35 0x00007ffd323c0bba in G__getfunction () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32

```

```
#36 0x00007ffd3239cea9 in G__getitem () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#37 0x00007ffd323a30ef in G__getexpr () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#38 0x00007ffd323acb2c in G__calc_internal () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#39 0x00007ffd32430359 in G__process_cmd () from
/home/iit-ind01/fairsoft/tools/root/lib/libCint.so.5.32
#40 0x00007ffd32e9a5dd in TCint::ProcessLine(char const*, TInterpreter::EErrorCode*) () from
/home/iit-ind01/fairsoft/tools/root/lib/libCore.so.5.32
#41 0x00007ffd32e90fa3 in TCint::ProcessLineSynch(char const*, TInterpreter::EErrorCode*)
() from /home/iit-ind01/fairsoft/tools/root/lib/libCore.so.5.32
#42 0x00007ffd32dff3f8 in TApplication::ExecuteFile(char const*, int*, bool) () from
/home/iit-ind01/fairsoft/tools/root/lib/libCore.so.5.32
#43 0x00007ffd32dfe13b in TApplication::ProcessLine(char const*, bool, int*) () from
/home/iit-ind01/fairsoft/tools/root/lib/libCore.so.5.32
#44 0x00007ffd320dd4ea in TRint::Run(bool) () from
/home/iit-ind01/fairsoft/tools/root/lib/libRint.so.5.32
#45 0x000000000040107c 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 0x00007ffd263b4556 in std::_Rb_tree<int, std::pair<int const, PndEmcTwoCoordIndex*>,
std::_Select1st<std::pair<int const, PndEmcTwoCoordIndex*> >, std::less<int>,
std::allocator<std::pair<int const, PndEmcTwoCoordIndex*> > >::_M_begin (this=0x10) at
/usr/include/c++/4.5/bits/stl_tree.h:482
#6 0x00007ffd263d7f4e in std::_Rb_tree<int, std::pair<int const, PndEmcTwoCoordIndex*>,
std::_Select1st<std::pair<int const, PndEmcTwoCoordIndex*> >, std::less<int>,
std::allocator<std::pair<int const, PndEmcTwoCoordIndex*> > >::lower_bound (this=0x10,
__k=
0x7fff137123c4) at /usr/include/c++/4.5/bits/stl_tree.h:763
#7 0x00007ffd263d79c7 in std::map<int, PndEmcTwoCoordIndex*, std::less<int>,
std::allocator<std::pair<int const, PndEmcTwoCoordIndex*> > >::lower_bound (this=0x10,
__x=
0x7fff137123c4) at /usr/include/c++/4.5/bits/stl_map.h:739
#8 0x00007ffd263d77b0 in std::map<int, PndEmcTwoCoordIndex*, std::less<int>,
std::allocator<std::pair<int const, PndEmcTwoCoordIndex*> > >::operator[] (this=0x10, __k=
0x7fff137123c4) at /usr/include/c++/4.5/bits/stl_map.h:448
#9 0x00007ffd263d7214 in PndEmcMapper::GetTCI (this=0x0, DetectorId=501010002) at
/home/iit-ind01/pandaroot/emc/EmcTools/PndEmcMapper.cxx:343
#10 0x00007ffd263d0038 in PndEmcStructure::PndEmcStructure (this=0xa2108c0,
geoMan=0x25a4a80) at /home/iit-ind01/pandaroot/emc/EmcTools/PndEmcStructure.cxx:111
#11 0x00007ffd263cfe35 in PndEmcStructure::Instance () at
/home/iit-ind01/pandaroot/emc/EmcTools/PndEmcStructure.cxx:79
#12 0x00007ffd263a983e in PndEmcHitProducer::Init (this=0x258def0) at
/home/iit-ind01/pandaroot/emc/EmcDigi/PndEmcHitProducer.cxx:109
```



```
#13 0x00007ffd28e85e9a in FairTask::InitTask (this=0x258def0) at
/home/iit-ind01/pandaroot/base/FairTask.cxx:48
#14 0x00007ffd28e86168 in FairTask::InitTasks (this=0x1e0c6c0) at
/home/iit-ind01/pandaroot/base/FairTask.cxx:120
#15 0x00007ffd28e85f04 in FairTask::InitTask (this=0x1e0c6c0) at
/home/iit-ind01/pandaroot/base/FairTask.cxx:53
#16 0x00007ffd28e86168 in FairTask::InitTasks (this=0x25d2950) at
/home/iit-ind01/pandaroot/base/FairTask.cxx:120
#17 0x00007ffd28e85f04 in FairTask::InitTask (this=0x25d2950) at
/home/iit-ind01/pandaroot/base/FairTask.cxx:53
#18 0x00007ffd28e57ae7 in FairMCApplication::InitTasks (this=0x25ce8c0) at
/home/iit-ind01/pandaroot/base/FairMCApplication.cxx:964
#19 0x00007ffd28e55cf7 in FairMCApplication::InitGeometry (this=0x25ce8c0) at
/home/iit-ind01/pandaroot/base/FairMCApplication.cxx:662
#20 0x00007ffd28e539ce in FairMCApplication::InitMC (this=0x25ce8c0, setup=0x25dc040
"/home/iit-ind01/pandaroot/gconfig/g3Config.C", cuts=0x25dd180
"/home/iit-ind01/pandaroot/gconfig/SetCuts.C") at
/home/iit-ind01/pandaroot/base/FairMCApplication.cxx:206
#21 0x00007ffd28e84f1c in FairRunSim::SetMCConfig (this=0x1e0c520) at
/home/iit-ind01/pandaroot/base/FairRunSim.cxx:345
#22 0x00007ffd28e837c2 in FairRunSim::Init (this=0x1e0c520) at
/home/iit-ind01/pandaroot/base/FairRunSim.cxx:196
=====
```

Root > Function run_sim_sttcombi() busy flag cleared

what should I do ?
