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Subject: New Solenoid geometry

Posted by [Tobias Stockmanns](#) on Tue, 28 Oct 2008 09:34:30 GMT

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Dear pandaRooters,

I have added to SVN the new solenoid geometry. The file name is (Solenoid\_v831.root). As in the old version it does not contain the muon detectors which should come in their own geometry file.

Cheers,

Tobias

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Subject: Re: New Solenoid geometry

Posted by [Mohammad Al-Turany](#) on Fri, 31 Oct 2008 19:33:44 GMT

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Hi,

The field maps corresponding to this geometry are now in svn trunk. Jost Lühning created these maps in TOSCA. I put the root files in the Pandaroot/input directory, new classes for parameter handling are also added, the field classes are compatible with the old ones, in reconstruction and analysis the runtime data base can reconstruct these fields according to the run id!. In the run\_sim1.C you can see how to use these fields just un-comment the lines which add the new fields to the multi-field.

regards

Mohammad

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Subject: Re: New Solenoid geometry

Posted by [Stefano Spataro](#) on Fri, 31 Oct 2008 19:37:27 GMT

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However, it seems that when one tries to run some events with the new root geometry, both G3 and G4 crash at some well defined event (one can run run\_sim1.C to test it) So maybe there are still some problems to be solved.

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Subject: Re: New Solenoid geometry

Posted by [Mohammad Al-Turany](#) on Fri, 31 Oct 2008 19:58:58 GMT

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Hi Stefano,

I could not reproduce this! I run 1000 event (10 proton each) with out problems can you tell me how to get this crash!

Mohammad

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Subject: Re: New Solenoid geometry  
Posted by [Stefano Spataro](#) on Sat, 01 Nov 2008 17:49:02 GMT  
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Hi,  
I have tried in my SL4.7 and also in the Gentoo Gießen cluster.  
I have substituted in macro/run/run\_sim1.C "FullSolenoid.root" with "PandaSolenoidV833.root".

This is the error I get with TGeant4:

Toggle Spoiler

```
### Run 0 start.
CbmMCApplication::GeneratePrimaries()
-I CbmPrimaryGenerator: 10 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)
>>> Event 0
$$$ Primary track 10
CbmMCApplication::GeneratePrimaries()
-I CbmPrimaryGenerator: 10 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)
>>> Event 1
Info in <TGeoShapeAssembly::DistFromInside>: Cannot compute distance from inside the
assembly (but from a component)
Info in <TGeoShapeAssembly::DistFromInside>: Cannot compute distance from inside the
assembly (but from a component)
$$$ Primary track 10
CbmMCApplication::GeneratePrimaries()
-I CbmPrimaryGenerator: 10 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)
>>> Event 2
$$$ Primary track 10
Info in <TGeoShapeAssembly::DistFromInside>: Cannot compute distance from inside the
assembly (but from a component)
Info in <TGeoShapeAssembly::DistFromInside>: Cannot compute distance from inside the
assembly (but from a component)
Info in <TGeoShapeAssembly::DistFromInside>: Cannot compute distance from inside the
assembly (but from a component)
Info in <TGeoShapeAssembly::DistFromInside>: Cannot compute distance from inside the
assembly (but from a component)
CbmMCApplication::GeneratePrimaries()
-I CbmPrimaryGenerator: 10 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)
>>> Event 3
$$$ Primary track 10
CbmMCApplication::GeneratePrimaries()
-I CbmPrimaryGenerator: 10 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)
>>> Event 4
Info in <TGeoShapeAssembly::DistFromInside>: Cannot compute distance from inside the
```

assembly (but from a component)

Info in <TGeoShapeAssembly::DistFromInside>: Cannot compute distance from inside the assembly (but from a component)

\$\$\$ Primary track 10

\*\*\* Break \*\*\* segmentation violation

Using host libthread\_db library "/lib/libthread\_db.so.1".

Attaching to program: /proc/1358/exe, process 1358

[Thread debugging using libthread\_db enabled]

[New Thread -1227659072 (LWP 1358)]

0xb7ef68a2 in \_dl\_sysinfo\_int80 () from /lib/ld-linux.so.2

#1 0xb6df0a03 in waitpid () from /lib/libc.so.6

#2 0xb6d9b569 in strtold\_l () from /lib/libc.so.6

#3 0xb6e9136d in system () from /lib/libpthread.so.0

#4 0xb7a1aaed in TUnixSystem::Exec () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libCore.so.5.20

#5 0xb7a1f847 in TUnixSystem::StackTrace () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libCore.so.5.20

#6 0xb7a1e84f in TUnixSystem::DispatchSignals () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libCore.so.5.20

#7 0xb7a1e90d in SigHandler () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libCore.so.5.20

#8 0xb7a17fc0 in sighandler () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libCore.so.5.20

#9 0xb6d8e8c8 in killpg () from /lib/libc.so.6

#10 0xb69d93b2 in TGeoVoxelFinder::GetNextCandidates () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libGeom.so

#11 0xb69d72ba in TGeoVoxelFinder::GetNextVoxel () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libGeom.so

#12 0xb69b0bfc in TGeoShapeAssembly::DistFromOutside () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libGeom.so

#13 0xb69b0b25 in TGeoShapeAssembly::DistFromOutside () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libGeom.so

#14 0xb69b0b25 in TGeoShapeAssembly::DistFromOutside () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libGeom.so

#15 0xb69b0b25 in TGeoShapeAssembly::DistFromOutside () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libGeom.so

#16 0xb6989adb in TGeoNavigator::FindNextDaughterBoundary () from

./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/root\_v5.20.00/lib/libGeom.so

#17 0xb698d7da in TGeoNavigator::FindNextBoundary () from

./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/  
oot\_v5.20.00/lib/libGeom.so  
#18 0xb696e7f9 in TGeoManager::FindNextBoundary () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/  
oot\_v5.20.00/lib/libGeom.so  
#19 0xb03cff9f in TG4RootNavigator::ComputeStep () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/  
oot\_v5.20.00/lib/libG4root.so  
#20 0xb21ef96b in G4Transportation::AlongStepGetPhysicalInteractionLength  
(this=0xd28c728, track=@0xdd1b438, currentMinimumStep=265780.36571007274,  
currentSafety=@0xbf83e6e8, selection=0xb1de1a4) at G4Transportation.cc:230  
#21 0xb0c78b4b in G4VProcess::AlongStepGPIL (this=0xd28c728, track=@0xdd1b438,  
previousStepSize=21.994409551450609, currentMinimumStep=265780.36571007274,  
proposedSafety=@0xbf83e6e8, selection=0xb1de1a4) at G4VProcess.hh:425  
#22 0xb0c775c1 in G4SteppingManager::DefinePhysicalStepLength (this=0xb1de098) at  
G4SteppingManager2.cc:223  
#23 0xb0c73bd6 in G4SteppingManager::Stepping (this=0xb1de098) at  
G4SteppingManager.cc:181  
#24 0xb0c822b5 in G4TrackingManager::ProcessOneTrack (this=0xb1de070,  
apValueG4Track=0xdd1b438) at G4TrackingManager.cc:126  
#25 0xb0b572ec in G4EventManager::DoProcessing (this=0xb1de028, anEvent=0xb1ea268)  
at G4EventManager.cc:185  
#26 0xb0b57a80 in G4EventManager::ProcessOneEvent (this=0xb1de028,  
anEvent=0xb1ea268) at G4EventManager.cc:335  
#27 0xb0afb103 in G4RunManager::DoEventLoop (this=0xb1ddf78, n\_event=10,  
macroFile=0x0, n\_select=-1) at G4RunManager.cc:235  
#28 0xb0af9a8a in G4RunManager::BeamOn (this=0xb1ddf78, n\_event=10, macroFile=0x0,  
n\_select=-1) at G4RunManager.cc:140  
#29 0xb03746b6 in TG4RunManager::ProcessRun () from  
/d/c0/cbmsoft/july08/transport/geant4\_vmc/lib/tgt\_linux/libgeant4vmc.so  
#30 0xb03789f7 in TGeant4::ProcessRun () from  
/d/c0/cbmsoft/july08/transport/geant4\_vmc/lib/tgt\_linux/libgeant4vmc.so  
#31 0xb44e1c59 in CbmMCApplication::RunMC (this=0x8736778, nofEvents=10) at  
/home/spataro/dev/pandaroot/base/CbmMCApplication.cxx:216  
#32 0xb44f52fb in CbmRunSim::Run (this=0x869f088, NStart=10, NStop=0) at  
/home/spataro/dev/pandaroot/base/CbmRunSim.cxx:177  
#33 0xb4534c9f in G\_\_CbmDict\_531\_0\_5 (result7=0xbf8467a0, funcname=0x869ca38 "\001",  
libp=0xbf840334, hash=0) at /home/spataro/dev/jul08/base/CbmDict.cxx:9241  
#34 0xb717e38a in Cint::G\_\_ExceptionWrapper () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/  
oot\_v5.20.00/lib/libCint.so.5.20  
#35 0xb7227928 in G\_\_execute\_call () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/  
oot\_v5.20.00/lib/libCint.so.5.20  
#36 0xb72289b9 in G\_\_call\_cppfunc () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/  
oot\_v5.20.00/lib/libCint.so.5.20  
#37 0xb7202204 in G\_\_interpret\_func () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/  
oot\_v5.20.00/lib/libCint.so.5.20  
#38 0xb71f1b50 in G\_\_getfunction () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/  
oot\_v5.20.00/lib/libCint.so.5.20

```

oot_v5.20.00/lib/libCint.so.5.20
#39 0xb72d908e in G__getstructmem () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCint.so.5.20
#40 0xb72ceb87 in G__getvariable () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCint.so.5.20
#41 0xb71d09cd in G__getitem () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCint.so.5.20
#42 0xb71d66e0 in G__getexpr () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCint.so.5.20
#43 0xb7254309 in G__exec_statement () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCint.so.5.20
#44 0xb71bd4e6 in G__exec_tempfile_core () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCint.so.5.20
#45 0xb71bd746 in G__exec_tempfile () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCint.so.5.20
#46 0xb7262d1c in G__process_cmd () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCint.so.5.20
#47 0xb7a0d7e6 in TCint::ProcessLine () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCore.so.5.20
#48 0xb7a0d45f in TCint::ProcessLineSynch () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCore.so.5.20
#49 0xb7941627 in TApplication::ExecuteFile () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCore.so.5.20
#50 0xb7941ae4 in TApplication::ProcessFile () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCore.so.5.20
#51 0xb793eca6 in TApplication::ProcessLine () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libCore.so.5.20
#52 0xb6fea29d in TRint::Run () from
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r
oot_v5.20.00/lib/libRint.so.5.20
#53 0x08048e4b in main ()
Root >

```

and with TGeant3:

Toggle Spoiler

```

----- input/output -----
first input: none

```

second input: none  
output:  
OBJ: CbmParRootFile testparams.root : 0 at: 0xb3e12c0  
Root file I/O testparams.root is open  
detector I/Os: CbmGenericParlo  
\*\*\*\* GTRIGI: IEVENT= 1 IDEVT= 1 Random Seeds = 4357 0  
CbmMCApplication::GeneratePrimaries()  
-I CbmPrimaryGenerator: 10 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)

\*\*\* Break \*\*\* segmentation violation  
Using host libthread\_db library "/lib/libthread\_db.so.1".  
Attaching to program: /proc/1378/exe, process 1378  
[Thread debugging using libthread\_db enabled]  
[New Thread -1227614016 (LWP 1378)]  
0xb7f018a2 in \_dl\_sysinfo\_int80 () from /lib/ld-linux.so.2  
#1 0xb6dfba03 in waitpid () from /lib/libc.so.6  
#2 0xb6da6569 in strtold\_l () from /lib/libc.so.6  
#3 0xb6e9c36d in system () from /lib/libpthread.so.0  
#4 0xb7a25aed in TUnixSystem::Exec () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot\_v5.20.00/lib/libCore.so.5.20  
#5 0xb7a2a847 in TUnixSystem::StackTrace () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot\_v5.20.00/lib/libCore.so.5.20  
#6 0xb7a2984f in TUnixSystem::DispatchSignals () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot\_v5.20.00/lib/libCore.so.5.20  
#7 0xb7a2990d in SigHandler () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot\_v5.20.00/lib/libCore.so.5.20  
#8 0xb7a22fc0 in sighandler () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot\_v5.20.00/lib/libCore.so.5.20  
#9 <signal handler called>  
#10 0xb69e1079 in TGeoVoxelFinder::GetValidExtra () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot\_v5.20.00/lib/libGeom.so  
#11 0xb69e43b2 in TGeoVoxelFinder::GetNextCandidates () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot\_v5.20.00/lib/libGeom.so  
#12 0xb69e22ba in TGeoVoxelFinder::GetNextVoxel () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot\_v5.20.00/lib/libGeom.so  
#13 0xb69bbbfc in TGeoShapeAssembly::DistFromOutside () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot\_v5.20.00/lib/libGeom.so  
#14 0xb69bbb25 in TGeoShapeAssembly::DistFromOutside () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot\_v5.20.00/lib/libGeom.so  
#15 0xb69bbb25 in TGeoShapeAssembly::DistFromOutside () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot\_v5.20.00/lib/libGeom.so



#16 0xb69bbb25 in TGeoShapeAssembly::DistFromOutside () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/r  
oot\_v5.20.00/lib/libGeom.so  
#17 0xb6994adb in TGeoNavigator::FindNextDaughterBoundary () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/r  
oot\_v5.20.00/lib/libGeom.so  
#18 0xb69987da in TGeoNavigator::FindNextBoundary () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/r  
oot\_v5.20.00/lib/libGeom.so  
#19 0xb69797f9 in TGeoManager::FindNextBoundary () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/r  
oot\_v5.20.00/lib/libGeom.so  
#20 0xb13b21d6 in gtnextTGeo () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#21 0xb13a581a in gtnext\_ () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#22 0xb12147e5 in g3tgama\_ () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#23 0xb12243be in g3track\_ () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#24 0xb13b7057 in gutrak\_ () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#25 0xb122577e in gtreveroot\_ () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#26 0xb13b7027 in gutrev\_ () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#27 0xb139bdcb in jumpt0\_ () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#28 0xb10f4ebc in g3trig\_ () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#29 0xb13a9087 in TGeant3::Gtrig () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#30 0xb13a567b in TGeant3::ProcessEvent () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#31 0xb13aa376 in TGeant3::ProcessRun () from  
/d/c0/cbmsoft/july08/transport/geant3/lib/tgt\_linux/libgeant321.so  
#32 0xb44ecc59 in CbmMCApplication::RunMC (this=0x87367a0, nofEvents=10) at  
/home/spataro/dev/pandaroot/base/CbmMCApplication.cxx:216  
#33 0xb45002fb in CbmRunSim::Run (this=0x869f0b0, NStart=10, NStop=0) at  
/home/spataro/dev/pandaroot/base/CbmRunSim.cxx:177  
#34 0xb453fc9f in G\_\_CbmDict\_531\_0\_5 (result7=0xbfc853e0, funcname=0x869ca60 "\001",  
libp=0xbfc7ef74, hash=0) at /home/spataro/dev/jul08/base/CbmDict.cxx:9241  
#35 0xb718938a in Cint::G\_\_ExceptionWrapper () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/r  
oot\_v5.20.00/lib/libCint.so.5.20  
#36 0xb7232928 in G\_\_execute\_call () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/r  
oot\_v5.20.00/lib/libCint.so.5.20  
#37 0xb72339b9 in G\_\_call\_cppfunc () from  
./automount/iago.physik.uni-giessen.de/root/local/cbmsoft/july08/tools/r  
oot\_v5.20.00/lib/libCint.so.5.20  
#38 0xb720d204 in G\_\_interpret\_func () from

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/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCint.so.5.20  
#39 0xb71fcb50 in G__getfunction () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCint.so.5.20  
#40 0xb72e408e in G__getstructmem () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCint.so.5.20  
#41 0xb72d9b87 in G__getvariable () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCint.so.5.20  
#42 0xb71db9cd in G__getitem () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCint.so.5.20  
#43 0xb71e16e0 in G__getexpr () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCint.so.5.20  
#44 0xb725f309 in G__exec_statement () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCint.so.5.20  
#45 0xb71c84e6 in G__exec_tempfile_core () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCint.so.5.20  
#46 0xb71c8746 in G__exec_tempfile () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCint.so.5.20  
#47 0xb726dd1c in G__process_cmd () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCint.so.5.20  
#48 0xb7a187e6 in TCint::ProcessLine () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCore.so.5.20  
#49 0xb7a1845f in TCint::ProcessLineSynch () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCore.so.5.20  
#50 0xb794c627 in TApplication::ExecuteFile () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCore.so.5.20  
#51 0xb794cae4 in TApplication::ProcessFile () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCore.so.5.20  
#52 0xb7949ca6 in TApplication::ProcessLine () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libCore.so.5.20  
#53 0xb6ff529d in TRint::Run () from  
/.automount/iago.physik.uni-giessen.de/root/local/cbmssoft/july08/tools/r  
oot_v5.20.00/lib/libRint.so.5.20  
#54 0x08048e4b in main ()  
Root >
```

No idea on what is going wrong.

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Subject: Re: New Solenoid geometry  
Posted by [Mohammad Al-Turany](#) on Sun, 02 Nov 2008 10:34:05 GMT  
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Hi,

I still can not reproduce this!! at least on MAC! I also make the full geometry check for overlaps, extrusions (with 0.001) and the geantino transport, all seems ok!

So I have to repeat this on Linux, but this I can only do after ACAT.

regards

Mohammad

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Subject: Re: New Solenoid geometry  
Posted by [StefanoSpataro](#) on Sun, 02 Nov 2008 13:21:36 GMT  
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I have tried at lxi007 without any problems.  
I have tried again on the Gießen cluster, deleting the whole pandaroot and build and restarting from scratch, and I had again the same problem...

Could somebody test this new root file on his own system, in order to understand if it works for him or not?

Thanks

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