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Subject: Errors for root points\_tpccombi.root  
Posted by [J N Pandya](#) on Tue, 01 Mar 2011 10:58:30 GMT  
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Dear Sir

I could successfully run 'root run\_sim\_tpccombi.C'. But now when I do 'root points\_tpccombi.root' to see the points, I get the following error:

```
*****
*                               *
*   W E L C O M E to R O O T   *
*                               *
* Version  5.28/00 14 December 2010 *
*                               *
* You are welcome to visit our Web site *
*   http://root.cern.ch           *
*                               *
*****
```

ROOT 5.28/00 (tags/v5-28-00@37603, Feb 27 2011, 13:45:00 on linux)

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]

Attaching file points\_tpccombi.root as \_file0...

Warning in <TFile::Init>: file points\_tpccombi.root probably not closed, trying to recover

Info in <TFile::Recover>: points\_tpccombi.root, recovered key TFolder:cbmroot at address 236

Info in <TFile::Recover>: points\_tpccombi.root, recovered key TList:BranchList at address 1048

Info in <TFile::Recover>: points\_tpccombi.root, recovered key TTree:cbmsim at address 3955243

Warning in <TFile::Init>: successfully recovered 3 keys

root [1] cbmsim->Draw("PndTpcPoint.fY:PndTpcPoint.fX:PndTpcPoint.fZ")

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

```
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There was a crash (#7 0x009e22fd in SigHandler(ESignals) () from
/home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28).
```

This is the entire stack trace of all threads:

```
=====
#0 0x00805416 in __kernel_vsyscall ()
#1 0x0403eb63 in __waitpid_nocancel () from /lib/libc.so.6
#2 0x03fdcaa3 in do_system () from /lib/libc.so.6
#3 0x0025971d in system () from /lib/libpthread.so.0
#4 0x009dc05d in TUnixSystem::Exec(char const*) () from
/home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28
```

#5 0x009dfe51 in TUnixSystem::StackTrace() () from /home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28  
#6 0x009e21ef in TUnixSystem::DispatchSignals(ESignals) () from /home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28  
#7 0x009e22fd in SigHandler(ESignals) () from /home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28  
#8 0x009da412 in sighandler(int) () from /home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28  
#9 <signal handler called>  
#10 0x05b2475b in TBranchElement::FindBranch(char const\*) () from /home/jnpandya/fairsoft/tools/root/lib/libTree.so  
#11 0x05b05778 in TTree::FindBranch(char const\*) () from /home/jnpandya/fairsoft/tools/root/lib/libTree.so  
#12 0x088ab245 in TTreeFormula::FindLeafForExpression(char const\*, TLeaf\*&, TString&, bool&, unsigned int&, TObjArray&, std::vector<std::basic\_string<char, std::char\_traits<char>, std::allocator<char> >, std::allocator<std::basic\_string<char, std::char\_traits<char>, std::allocator<char> > >&, bool&, char const\*) () from /home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#13 0x088acced in TTreeFormula::DefinedVariable(TString&, int&) () from /home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#14 0x04a8871b in TFormula::Analyze(char const\*, int&, int) () from /home/jnpandya/fairsoft/tools/root/lib/libHist.so  
#15 0x04a8fc7e in TFormula::Compile(char const\*) () from /home/jnpandya/fairsoft/tools/root/lib/libHist.so  
#16 0x0889bbc6 in TTreeFormula::Init(char const\*, char const\*) () from /home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#17 0x088a9d7a in TTreeFormula::TTreeFormula(char const\*, char const\*, TTree\*) () from /home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#18 0x088e932e in TSelectorDraw::CompileVariables(char const\*, char const\*) () from /home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#19 0x088e5661 in TSelectorDraw::Begin(TTree\*) () from /home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#20 0x088cbc4e in TTreePlayer::Process(TSelector\*, char const\*, long long, long long) () from /home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#21 0x088cad9 in TTreePlayer::DrawSelect(char const\*, char const\*, char const\*, long long, long long) () from /home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#22 0x05b04b5d in TTree::Draw(char const\*, char const\*, char const\*, long long, long long) () from /home/jnpandya/fairsoft/tools/root/lib/libTree.so  
#23 0x05b05ba5 in TTree::Draw(char const\*) () from /home/jnpandya/fairsoft/tools/root/lib/libTree.so  
#24 0x00b4c896 in G\_\_G\_\_Base2\_10\_0\_15(G\_\_value\*, char const\*, G\_\_param\*, int) () from /home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28  
#25 0x01046497 in Cint::G\_\_ExceptionWrapper(int (\*)(G\_\_value\*, char const\*, G\_\_param\*, int), G\_\_value\*, char\*, G\_\_param\*, int) () from /home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28  
#26 0x00faaddf in G\_\_execute\_call () from /home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28  
#27 0x00fab1c2 in G\_\_call\_cppfunc () from /home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28  
#28 0x00fe0da7 in G\_\_interpret\_func () from /home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28  
#29 0x010ab0ca in G\_\_getfunction () from /home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28  
#30 0x010235ec in G\_\_getstructmem(int, G\_\_FastAllocString&, char\*, int, char\*, int\*, G\_\_var\_array\*, int) () from /home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28

```
#31 0x0101b08c in G__getvariable () from /home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28
#32 0x010b3958 in G__getitem () from /home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28
#33 0x010b4166 in G__getitem () from /home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28
#34 0x010bac17 in G__getexpr () from /home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28
#35 0x01063768 in G__exec_statement () from
/home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28
#36 0x01087cf9 in G__exec_tempfile_core () from
/home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28
#37 0x010893f9 in G__exec_tempfile_fp () from
/home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28
#38 0x00f982c6 in G__process_cmd () from
/home/jnpandya/fairsoft/tools/root/lib/libCint.so.5.28
#39 0x009b00c3 in TCint::ProcessLine(char const*, TInterpreter::EErrorCode*) () from
/home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28
#40 0x0097ef71 in TApplication::ProcessLine(char const*, bool, int*) () from
/home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28
#41 0x0075bbe1 in TRint::HandleTermInput() () from
/home/jnpandya/fairsoft/tools/root/lib/libRint.so.5.28
#42 0x0075b6f5 in TTermInputHandler::Notify() () from
/home/jnpandya/fairsoft/tools/root/lib/libRint.so.5.28
#43 0x0075d984 in TTermInputHandler::ReadNotify() () from
/home/jnpandya/fairsoft/tools/root/lib/libRint.so.5.28
#44 0x009e142b in TUnixSystem::CheckDescriptors() () from
/home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28
#45 0x009e2b07 in TUnixSystem::DispatchOneEvent(bool) () from
/home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28
#46 0x00919291 in TSystem::InnerLoop() () from
/home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28
#47 0x0091bcc9 in TSystem::Run() () from
/home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28
#48 0x0097d077 in TApplication::Run(bool) () from
/home/jnpandya/fairsoft/tools/root/lib/libCore.so.5.28
#49 0x0075c5d3 in TRint::Run(bool) () from
/home/jnpandya/fairsoft/tools/root/lib/libRint.so.5.28
#50 0x08048d6f in main ()
```

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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.

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```
#10 0x05b2475b in TBranchElement::FindBranch(char const*) () from
/home/jnpandya/fairsoft/tools/root/lib/libTree.so
#11 0x05b05778 in TTree::FindBranch(char const*) () from
/home/jnpandya/fairsoft/tools/root/lib/libTree.so
#12 0x088ab245 in TTreeFormula::FindLeafForExpression(char const*, TLeaf*&, TString&,
bool&, unsigned int&, TObjArray&, std::vector<std::basic_string<char, std::char_traits<char>,
std::allocator<char> >, std::allocator<std::basic_string<char, std::char_traits<char>,
std::allocator<char> > >&, bool&, char const*) () from
```

/home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#13 0x088acedd in TTreeFormula::DefinedVariable(TString&, int&) () from  
/home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#14 0x04a8871b in TFormula::Analyze(char const\*, int&, int) () from  
/home/jnpandya/fairsoft/tools/root/lib/libHist.so  
#15 0x04a8fc7e in TFormula::Compile(char const\*) () from  
/home/jnpandya/fairsoft/tools/root/lib/libHist.so  
#16 0x0889bbc6 in TTreeFormula::Init(char const\*, char const\*) () from  
/home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#17 0x088a9d7a in TTreeFormula::TTreeFormula(char const\*, char const\*, TTree\*) () from  
/home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#18 0x088e932e in TSelectorDraw::CompileVariables(char const\*, char const\*) () from  
/home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#19 0x088e5661 in TSelectorDraw::Begin(TTree\*) () from  
/home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#20 0x088cbc4e in TTreePlayer::Process(TSelector\*, char const\*, long long, long long) () from  
/home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#21 0x088cadc9 in TTreePlayer::DrawSelect(char const\*, char const\*, char const\*, long long,  
long long) () from /home/jnpandya/fairsoft/tools/root/lib/libTreePlayer.so  
#22 0x05b04b5d in TTree::Draw(char const\*, char const\*, char const\*, long long, long long) ()  
from /home/jnpandya/fairsoft/tools/root/lib/libTree.so  
#23 0x05b05ba5 in TTree::Draw(char const\*) () from  
/home/jnpandya/fairsoft/tools/root/lib/libTree.so

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Please help to sort out the problem.

Thanks.