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Subject: Re: Problem with Geane (Error in "runRECO2.C")

Posted by [Ralf Kliemt](#) on Tue, 29 Jan 2008 14:34:52 GMT

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Hi Ola,

As general statement I'd suggest to see what the debugger says:

```
shell> gdb --args root.exe runRECO2.C
[gdb] run
... error & something
[gdb] bt
(backtracing of the segfault)
[gdb] q
```

I hope this helps...

Ralf.

Edit:

While trying a bit I had this bug in the runDIGI2.C:

Quote:...

-I- PndSttHitProducerIdeal: 83 SttPoints, 83 Hits created.

Program received signal SIGFPE, Arithmetic exception.

[Switching to Thread -1225852128 (LWP 32575)]

0xb6df94e7 in TStreamerInfo::WriteBufferAux<char\*\*> (this=0x8beeac8, b=@0xa48ba50, arr=@0xbf878540, first=6, narr=83, eoffset=0, arrayMode=1)

at io/src/TStreamerInfoWriteBuffer.cxx:188

188 case TStreamerInfo::kDouble + kHaveLoop: WriteBasicTypeLoop(Double\_t);  
continue;

(gdb) bt

#0 0xb6df94e7 in TStreamerInfo::WriteBufferAux<char\*\*> (this=0x8beeac8, b=@0xa48ba50, arr=@0xbf878540, first=6, narr=83, eoffset=0, arrayMode=1)

at io/src/TStreamerInfoWriteBuffer.cxx:188

#1 0xb6df2357 in TStreamerInfo::WriteBufferClones (this=0x8beeac8, b=@0xa48ba50, clones=0x8bc1f20, nc=83, first=6, eoffset=0) at io/src/TStreamerInfoWriteBuffer.cxx:788

#2 0xb5d8d908 in TBranchElement::FillLeaves (this=0xa49e288, b=@0xa48ba50) at tree/src/TBranchElement.cxx:1277

#3 0xb5d82b47 in TBranch::Fill (this=0xa49e288) at tree/src/TBranch.cxx:769

#4 0xb5d8dbb5 in TBranchElement::Fill (this=0xa49e288) at tree/src/TBranchElement.cxx:1043

#5 0xb5d8dd19 in TBranchElement::Fill (this=0x8bed3a0) at tree/src/TBranchElement.cxx:1068

#6 0xb5dd2d35 in TTree::Fill (this=0x8bcbc08) at tree/src/TTree.cxx:3186

#7 0xb307dce4 in CbmRootManager::Fill (this=0x84b3f50) at /home/ralfk/Pandaroot/pandaroot/base/CbmRootManager.cxx:344

#8 0xb3084b95 in CbmRunAna::Run (this=0x84b3e00, Ev\_start=0, Ev\_end=1000) at /home/ralfk/Pandaroot/pandaroot/base/CbmRunAna.cxx:158

#9 0xb30c59d8 in G\_\_CbmDict\_530\_0\_5 (result7=0xbf888d8c, funcname=0x84b2340 "\001",

```
libp=0xbf8829e8, hash=0) at /home/ralfk/Pandaroot/build/base/CbmDict.cxx:9334
#10 0xb724b55b in Cint::G__ExceptionWrapper (funcp=0xb30c58ee
<G__CbmDict_530_0_5>, result7=0xbf888d8c, funcname=0x84b2340 "\001",
libp=0xbf8829e8, hash=0)
    at cint/src/Api.cxx:364
```

... etc.

I got around by using PndSttHitProducerReal instead of the ideal one. But then there was no bug with the runRECO2.C.

Ciao again, Ralf.

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