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Subject: segmentation violation in FairPrimaryGenerator  
Posted by [Anastasia Karavdina](#) on Fri, 28 Sep 2012 22:11:59 GMT  
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Dear all,  
I updated pandaroot today and have segmentation violation during MC simulation.  
Output looks like this:

```
[INFO ] Initialize Tasks-----  
[INFO ] Simulation RunID: 1723011043  
[INFO ] Monte carlo Engine Initialisation with : TGeant3TGeo  
[INFO ] FairPrimaryGenerator: (Event 1) 2 primary tracks from vertex (0.000000, 0.000000,  
0.000000 ) Event Time = 0.000000 (ns)
```

```
*** Break *** segmentation violation  
Generating stack trace...  
0x00002b7e30f94a82 in TGeant3::ProcessRun(int) + 0x62 from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/libgeant321.so  
0x00002b7e2765aedc in FairMCApplication::RunMC(int) at  
/home/karavdin/pandaRoot12/base/FairMCApplication.cxx:237 from  
/home/karavdin/pandaRoot12/build/lib/libBase.so  
0x00002b7e27691dc2 in FairRunSim::Run(int, int) at  
/home/karavdin/pandaRoot12/base/FairRunSim.cxx:352 from  
/home/karavdin/pandaRoot12/build/lib/libBase.so  
0x00002b7e2770299f in <unknown> from /home/karavdin/pandaRoot12/build/lib/libBase.so  
0x00002b7e1b2e3069 in Cint::G__ExceptionWrapper(int (*)(G__value*, char const*,  
G__param*, int), G__value*, char*, G__param*, int) + 0x39 from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b386211 in G__execute_call + 0x61 from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b387072 in G__call_cppfunc + 0x292 from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b3642d8 in G__interpret_func + 0x1d98 from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b35201c in G__getfunction + 0x18cc from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b44344a in G__getstructmem(int, G__FastAllocString&, char*, int, char*, int*,  
G__var_array*, int) + 0x6ea from /cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b43bc1e in G__getvariable + 0x429e from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b32f38d in G__getitem + 0xed from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b334698 in G__getexpr + 0x4058 from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b3b405f in G__exec_statement + 0x638f from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b3656b5 in G__interpret_func + 0x3175 from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b35207b in G__getfunction + 0x192b from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34  
0x00002b7e1b32fb0e in G__getitem + 0x86e from  
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34
```

```

0x00002b7e1b334698 in G__getexpr + 0x4058 from
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34
0x00002b7e1b33db98 in G__calc_internal + 0x3f8 from
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34
0x00002b7e1b3c3556 in G__process_cmd + 0x4ec6 from
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCint.so.5.34
0x00002b7e199bedb6 in TCint::ProcessLine(char const*, TInterpreter::EErrorCode*) + 0x536
from /cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCore.so.5.34
0x00002b7e199bc733 in TCint::ProcessLineSynch(char const*, TInterpreter::EErrorCode*) +
0x103 from /cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCore.so.5.34
0x00002b7e1992b1a8 in TApplication::ExecuteFile(char const*, int*, bool) + 0x848 from
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCore.so.5.34
0x00002b7e19929263 in TApplication::ProcessLine(char const*, bool, int*) + 0x7e3 from
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libCore.so.5.34
0x00002b7e1a171468 in TRint::Run(bool) + 0x4d8 from
/cluster/gsi/fairsoft/gcc/fairsoft_sep12/lib/root/libRint.so.5.34
0x00000000040104c in main + 0x4c from /cluster/gsi/fairsoft/gcc/fairsoft_sep12/bin/root.exe
0x00002b7e1aaf3c5d in __libc_start_main + 0xfd from /lib64/libc.so.6
0x000000000400f19 in <unknown> from /cluster/gsi/fairsoft/gcc/fairsoft_sep12/bin/root.exe
Function runLumi0DPMBkg() busy flag cleared

```

MZSTOR. ZEBRA table base TAB(0) in /MZCC/ at adr 206707327 C521A7F HEX

```

MZSTOR. Initialize Store 0 in /GCBANK/
      with Store/Table at absolute adrs 206816669 206707327
                HEX C53C59D C521A7F
                HEX 1A72A 0
      relative adrs 108330 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

```

Calculating cross section tables, see gphysi.dat for more information

```

Cross section calculation concluded successfully
**** GTRIGI: IEVENT= 1 IDEVT= 1 Random Seeds = 4357 0

```

Does somebody have any glue what is the problem?

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