
Subject: Re: Bug in MarlinReco/PFOID/src/Histogram.cc
Posted by [bkrupa](#) on Fri, 25 Apr 2014 08:59:52 GMT
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Hallo Andre,

I have perhaps a similar problem with Marlin. When I try to use it I get messages like this:

*** Break *** segmentation violation

=====
There was a crash.

This is the entire stack trace of all threads:

=====
#0 0x00000033dd0ac8be in waitpid () from /lib64/libc.so.6
#1 0x00000033dd03e909 in do_system () from /lib64/libc.so.6
#2 0x00007fab167b3958 in TUnixSystem::StackTrace (this=0x23032d0) at /home/ilcsoft/Downloads/root/root/core/unix/src/TUnixSystem. cxx:2403
#3 0x00007fab167b27d3 in TUnixSystem::DispatchSignals (this=0x23032d0, sig=kSigSegmentationViolation) at /home/ilcsoft/Downloads/root/root/core/unix/src/TUnixSystem. cxx:1279
#4 <signal handler called>
#5 0x00007fab0a02f9cb in Histogram::GetNormContent (this=0x3a112c0, VO=<value optimized out>) at /ilcsoft/v01-17-05/MarlinReco/v01-09/PFOID/src/Histogram.cc: 360
#6 0x00007fab0a02c835 in PDF::GetLikelihood (this=0x36d2f10, CatName="electron") at /ilcsoft/v01-17-05/MarlinReco/v01-09/PFOID/src/PDF.cc:277
#7 0x00007fab0a028a35 in PFOID::processEvent (this=0x2ae2c80, evt=<value optimized out>) at /ilcsoft/v01-17-05/MarlinReco/v01-09/PFOID/src/PFOID.cc:222
#8 0x00007fab16fc5301 in marlin::ProcessorMgr::processEvent (this=0x25bf0a0, evt=0x81dff060) at /ilcsoft/v01-17-05/Marlin/v01-05/source/src/ProcessorMgr.cc: 420
#9 0x00007fab185c248e in SIO::SIOReader::readStream (this=0x2b40b80, maxRecord=2147483647) at /ilcsoft/v01-17-05/lcio/v02-04-03/src/cpp/src/SIO/SIOReader. cc:719
#10 0x00007fab185c0582 in SIO::SIOReader::readStream (this=<value optimized out>) at /ilcsoft/v01-17-05/lcio/v02-04-03/src/cpp/src/SIO/SIOReader. cc:647
#11 0x0000000000408e2b in main (argc=<value optimized out>, argv=0x7fff00000000) at /ilcsoft/v01-17-05/Marlin/v01-05/source/src/Marlin.cc:483
=====

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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=====
#5 0x00007fab0a02f9cb in Histogram::GetNormContent (this=0x3a112c0, VO=<value
optimized out>) at
/ilcsoft/v01-17-05/MarlinReco/v01-09/PFOID/src/Histogram.cc: 360
#6 0x00007fab0a02c835 in PDF::GetLikelihood (this=0x36d2f10,
CatName="electron") at /ilcsoft/v01-17-05/MarlinReco/v01-09/PFOID/src/PDF.cc:277
#7 0x00007fab0a028a35 in PFOID::processEvent (this=0x2ae2c80, evt=<value
optimized out>) at /ilcsoft/v01-17-05/MarlinReco/v01-09/PFOID/src/PFOID.cc:222
#8 0x00007fab16fc5301 in marlin::ProcessorMgr::processEvent (this=0x25bf0a0,
evt=0x81dff060) at
/ilcsoft/v01-17-05/Marlin/v01-05/source/src/ProcessorMgr.cc: 420
#9 0x00007fab185c248e in SIO::SIOReader::readStream (this=0x2b40b80,
maxRecord=2147483647) at
/ilcsoft/v01-17-05/lcio/v02-04-03/src/cpp/src/SIO/SIOReader. cc:719
#10 0x00007fab185c0582 in SIO::SIOReader::readStream (this=<value optimized
out>) at /ilcsoft/v01-17-05/lcio/v02-04-03/src/cpp/src/SIO/SIOReader. cc:647
#11 0x0000000000408e2b in main (argc=<value optimized out>,
argv=0x7fff00000000) at /ilcsoft/v01-17-05/Marlin/v01-05/source/src/Marlin.cc:483
=====
```

Every time such error occurs for another event in the same sample. I don't know if my problem is the same as described by you. Probably this issue was solved by then. But the error which I got seems to be similar, if I am not wrong.

Have you any idea what I should do?

Thank you for any help.

Cheers,
Beata