Subject: [NOTABUG] Linking to libField.so causes seg violation
Posted by Philipp Bielefeldt on Mon, 02 Nov 2015 17:20:19 GMT

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Hi everyone,

I have a strange behaviour with fopiROOT/FairROOT: I have a minimal helloworld example (MickeyMouse.cc), that I can compile and use... as long as I do not link its executable to fopiROOTs .../build/lib/libField.so.0 -- if so, the execution will crash with a segmentation violation. To the best of my knowledge, this does not happen if I link it to another library in FairROOT, but I haven't tried every possible combination^^.

Is this a known behaviour? Has anyone tried to link to the .so's with success? Am I doing s.th. wrong?

Attached, there are my CMakeLists.txt, where l. 63 triggers the crash, and the Valgrind log, with ll. 96 ff. pointing to an error in PndFieldContFact.cxx. I am using revision 28577 of https://subversion.gsi.de/fairroot/fopiroot/trunk on a CentOS 7 machine with CMake 2.8.11.

Any help is welcomed! Cheers,
Philipp

File Attachments
1) CMakeLists.txt, downloaded 379 times
2) MickeyMouse.cc, downloaded 415 times
3) Valgrind.log, downloaded 503 times