Subject: Problem with read tree [SOLVED]

Posted by Daniel Wielanek on Tue, 29 Jul 2014 09:52:53 GMT

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Dear users and developers

I want add new branch to my generator, I used modyfied UrQMD generator and add new branch by:

fTracks = new TClonesArray("TLorentzVector");

manager->Register("Freezouts", "FreezCoor", fTracks, kTRUE);

everything during reconstruction goes fine - I get reconstructed tracks and my additional branch, however when I try to read this by some FairRunAna i get this crash:

Quote:

root.exe': corrupted double-linked list: 0x0000000002c1d1a0 ***

or this:

Quote:

#10 0x00007f4999f216a8 in TBranch::GetEntry (this=0x3380810, entry=0, getall=0) at /opt/fairsoft/tools/root/tree/tree/src/TBranch.cxx:1242

#11 0x00007f4999f30c20 in TBranchElement::GetEntry (this=0x3380810, entry=0, getall=0) at /opt/fairsoft/tools/root/tree/tree/src/TBranchElement.cxx:2282

#12 0x00007f4999f30b72 in TBranchElement::GetEntry (this=0x337f9e0, entry=0, getall=0) at /opt/fairsoft/tools/root/tree/tree/src/TBranchElement.cxx:2265

#13 0x00007f4999f94d5b in TTree::GetEntry (this=0x32c6b90, entry=0, getall=0) at /opt/fairsoft/tools/root/tree/tree/src/TTree.cxx:4921

#14 0x00007f4999f4ebf2 in TChain::GetEntry (this=0x2eeb2c0, entry=0, getall=0) at /opt/fairsoft/tools/root/tree/tree/src/TChain.cxx:960

#15 0x00007f49937e0ad6 in FairRootManager::ReadEvent (this=0x2eeaeb0, i=0) at /opt/fairsoft/mpdroot/base/FairRootManager.cxx:1105

#16 0x00007f4993800eef in FairRunAna::Run (this=0x2eeabb0, Ev_start=0, Ev_end=5) at /opt/fairsoft/mpdroot/base/FairRunAna.cxx:526

I don't know what is the source of such behaviour. Are there some limitations on FairROOTManager? I tried add dot at the name. When I open this file by using some primitive macro or TBrowser file seems to bee ok, but when I use FaiRunAna - I get those crashes. In attachement I'm sending my file with data.

SOLVED

Problem was with libraries with reconstruction, I changed version of geomtry and code works!

File Attachments

1) evetest2.root, downloaded 461 times