Subject: Problem with GenFit2 libraries
Posted by Jennifer Pütz on Mon, 10 Oct 2016 13:14:41 GMT
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Dear all,

I tried to run my reco macro with GenFit2 and get the following message:

Processing recoideal_GenFit2_complete.C("XiMinus1820_test")...
[WARNING] FairRunAna::SetInputFile is obsolete. Set it by FairFileSource
[WARNING] FairRunAna::AddFriend is obsolete. Set it by FairFileSource
[INFO] FairRootManager::OpenOutFile("XiMinus1820_test_reco_complete_Genfit2.root")
dlopen error:
/home/ikp1/puetz/panda/PandaSoftware/pandaroot/trunknew/build/lib/libgenfit2.so: undefined symbol: _ZN6genfit10RKTrackRep11ShowMembersER16TMemberInspector
Load Error: Failed to load Dynamic link library /home/ikp1/puetz/panda/PandaSoftware/pandaroot/trunknew/build/lib/libgenfit2.so
Error in <TCint::AutoLoadCallback>: failure loading dependent library libgenfit2.so for class PndRecoKalmanTask2
dlopen error:
/home/ikp1/puetz/panda/PandaSoftware/pandaroot/trunknew/build/lib/libgenfit2.so.0: undefined symbol: _ZN6genfit10RKTrackRep11ShowMembersER16TMemberInspector
Load Error: Failed to load Dynamic link library /home/ikp1/puetz/panda/PandaSoftware/pandaroot/trunknew/build/lib/libgenfitAdapters2.so
Error in <TCint::AutoLoadCallback>: failure loading dependent library libgenfitAdapters2.so for class PndRecoKalmanTask2
dlopen error:
/home/ikp1/puetz/panda/PandaSoftware/pandaroot/trunknew/build/lib/libgenfit2.so.0: undefined symbol: _ZN6genfit10RKTrackRep11ShowMembersER16TMemberInspector
Load Error: Failed to load Dynamic link library /home/ikp1/puetz/panda/PandaSoftware/pandaroot/trunknew/build/lib/libRecoHits2.so
Error in <TCint::AutoLoadCallback>: failure loading dependent library libRecoHits2.so for class PndRecoKalmanTask2
dlopen error:
/home/ikp1/puetz/panda/PandaSoftware/pandaroot/trunknew/build/lib/libgenfit2.so.0: undefined symbol: _ZN6genfit10RKTrackRep11ShowMembersER16TMemberInspector
Load Error: Failed to load Dynamic link library /home/ikp1/puetz/panda/PandaSoftware/pandaroot/trunknew/build/lib/libRecoTasks2.so
Error in <TCint::AutoLoadCallback>: failure loading library RecoTasks2 for class PndRecoKalmanTask2
Error: Can't call PndRecoKalmanTask2::SetTrackInBranchName("SttMvdGemIdealTrack") in current scope recoideal_GenFit2_complete.C:74:
Possible candidates are...
(in PndRecoKalmanTask2)
*** Interpreter error recovered ***

I tried to run the macro with different revisions of the trunk (newest: rev. 29532) and I always recieve the same message.

Has anyone an idea, how to solve that issue?

Best regards,
Jenny

P.S. I attached the sim, digi and reco macro

File Attachments
1) sim_complete.C, downloaded 521 times
2) digi_complete.C, downloaded 506 times
3) recoideal_GenFit2_complete.C, downloaded 465 times

Subject: Re: Problem with GenFit2 libraries
Posted by Jennifer Pütz on Thu, 13 Oct 2016 08:28:33 GMT
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Hi all,

after I have talked to Elisabetta, here are some additional information to the software I am using:

FairSoft: nov15p5
FairRoot: v-15.11c

I tried different FairRoot versions (v-15.11d and v-16.06), but I got the same error message (see first post) for each combination.
Can anyone of you confirm, that I am using the right combination of PandaRoot trunk and FairRoot?

Best regards,
Jenny

Subject: Re: Problem with GenFit2 libraries
Posted by StefanoSpataro on Thu, 13 Oct 2016 20:04:52 GMT
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Please update genfit2 folder and try again.

Subject: Re: Problem with GenFit2 libraries
Posted by Jennifer Pütz on Fri, 14 Oct 2016 11:35:22 GMT
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Hi Stefano,

it is working now

Best,
Jenny