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Subject: Re: PndTracking2 - mvd and stt code with genfit2  
Posted by [Gianluigi Boca](#) on Wed, 14 May 2014 14:47:11 GMT  
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hi Elisabetta,  
this is NOT a pattern recognition error in PndTrkTracking2 rather the class  
GFAbsTrackRep is missing : as Ralf pointed out, there must be some missing library.

Besides, I checked the Pattern Recognition code again.  
It actually returns with no results (== no PndTrackCand-idates) if the TClonesArray of the Mvd  
MC Points  
is missing.  
In other words : you have no crash, but you don't get any PndTrackCand-idates.

I have changed one line of code in PndTrkTracking2.cxx and I fixed that. Now one should get  
PndTrackCand-idates  
also when the Mvd are NOT simulated.

In case you need more help, please let know

Cheers ! Gianluigi

Elisabetta Prencipe (2) wrote on Wed, 14 May 2014 14:00Hi Gianluigi,

the error which I get when running the reco\_complete.C macro is a bit \*cryptical\*:

```
*****
FairRootManager::OpenOutFile("reco_complete.root")
Error in <TClonesArray::SetClass>: called with a null pointer
dlopen error: /home/prencipe/panda/apr13.build/lib/libgenfitAdapters.so: undefined symbol:
_ZTI13GFAbsTrackRep
Load Error: Failed to load Dynamic link library
/home/prencipe/panda/apr13.build/lib/libgenfitAdapters.so
Error in <TCint::AutoLoadCallback>: failure loading dependent library libgenfitAdapters.so for
class PndRecoKalmanTask
Info in (PndGeoHandling::Instance): Making a new instance using the framework.
```

It is saying that I call a null pointer. then I assume it is because the mvd detector is  
commented out from the CMakeList.txt. However, up to now, with the mvd code included in the  
CMakeList.txt of the trunk24275, I don't get even pandaroot compiling....  
So, for the time being, I would do the following: just test pandaroot with genfit2, when only the  
stt detector is active. Do you have any suggestion or/and other better thought?

cheers and thank you, Elisabetta

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