Subject: Event display in pandaroot/macro/pid
Posted by Karin Schönning on Fri, 17 Aug 2012 15:10:47 GMT
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Hej,

I am trying to run the event display in pandaroot/macro/pid in order to prepare some simple tasks for undergraduate students. the problem is that is crashes. First it seemed to crash because multiple initialisation, so I commented out the line
fRun->Init();
Then it does not crash anymore during the initialisation, however it complains about some missing branches:

[INFO] Branch: TofPoint not found in Tree
[INFO] Branch: TofPoint not found in Tree
FairPointSetDraw::Init() branch TofPoint Not found! Task will be deactivated
[INFO] Branch: TofSciFPoint not found in Tree
[INFO] Branch: TofSciFPoint not found in Tree
FairPointSetDraw::Init() branch TofSciFPoint Not found! Task will be deactivated
Info in (PndGeoHandling::Instance): Making a new instance using the framework.
[INFO] Branch: SttHelixHit not found in Tree
[INFO] Branch: SttHelixHit not found in Tree
FairBoxSetDraw::Init() branch SttHelixHit Not found! Task will be deactivated
[INFO] Branch: TofHit not found in Tree
[INFO] Branch: TofHit not found in Tree
FairBoxSetDraw::Init() branch TofHit Not found! Task will be deactivated
[INFO] Branch: TofSciFHit not found in Tree
[INFO] Branch: TofSciFHit not found in Tree
FairBoxSetDraw::Init() branch TofSciFHit Not found! Task will be deactivated

though without crashing. Later, when trying to process events, it crashes with message

-E- PndGeoHandling::GetPath(Int_t shortID): Missing SensorNamePar

I also tried a different eventdisplay macro (see attachment) but there is still a crash, with message

Hits in TrackCand:
(-1/-1/-1/-1/1)TimeStamp: -1 +/- -1
(-1/-1/19/0/1) (-1/-1/19/1/1) (-1/-1/19/2/1) (-1/-1/19/3/1) (-1/-1/19/4/1) (-1/-1/19/5/1)
(-1/-1/19/6/1) (-1/-1/19/7/1) (-1/-1/19/8/1) (-1/-1/19/9/1) (-1/-1/19/10/1) (-1/-1/19/11/1)
(-1/-1/19/12/1) (-1/-1/19/13/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/0/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/1/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/2/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/3/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/4/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/5/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/6/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/7/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/8/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/9/1)

-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/10/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/11/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/12/1)
-E- PndTrackCandDraw::GetVector : Unknown Detector with ID: (-1/-1/19/13/1)

*** Break *** segmentation violation

In the run_sim_sttcombi_pgun.C file I added the line fRun->SetStoreTraj(kTRUE);

Does anybody have an idea what one can do about the crash? I suppose there is a mismatch between the event display macro and the detector description used in the simulation-digi-reco part but I don't really know how to check it.

Kindest regards,
/Karin

File Attachments

1) eventDisplay.old, downloaded 502 times

Subject: Re: Event display in pandaroot/macro/pid
Posted by StefanoSpataro on Thu, 13 Sep 2012 09:28:03 GMT
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Dear Karin,
sorry for the late answer but I was in vacation.
Please update the trunk, I have committed the fixed version.