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Subject: Re: Error from PndMCTrackAssociator  
Posted by [Gianluigi Boca](#) on Thu, 22 Aug 2013 11:58:39 GMT  
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Hi,  
I think I fixed the problem. Please update the directory  
tracking  
and try again  
Gianluigi

Martin J Galuska wrote on Wed, 21 August 2013 14:37Dear all,

when I simulate with trunk rev. 21304 and the official macros from macro/run 2000 events with  
one muon each using the  
FairBoxGenerator I get the following errors in the reco\_complete.C macro:

Quote:

```
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #0 does not exist!!!  
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #2 does not exist!!!  
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #1 does not exist!!!  
-E- PndMCTrackAssociator::GetMvdHitStrips: MvdHitStrip #0 does not exist!!!  
-E- PndMCTrackAssociator::GetSttHits: SttHit #24 does not exist!!!  
*** PndRecoKalmanFit::Exec    Genfit Exception: trk->addHitVector  
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #0 does not exist!!!  
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #2 does not exist!!!  
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #1 does not exist!!!  
-E- PndMCTrackAssociator::GetMvdHitStrips: MvdHitStrip #0 does not exist!!!  
-E- PndMCTrackAssociator::GetSttHits: SttHit #24 does not exist!!!  
da PndTrkTracking2 : N. di Stt MC points = 0
```

The errors did not appear when I simulated only 100 events.

This error causes subsequent errors when I try to run the PndTrkQATask, because we have  
PndTrackCand which contain hits that are not accessible.

My modified sim\_complete.C macro is attached to this post. I use the standard  
digi\_complete.C and reco\_complete.C from macro/run. The errors also occur when I replace  
PndTrkTracking2 with PndTrkTracking in the reco macro.