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Subject: Re: Error from PndTracking/2

Posted by [StefanoSpataro](#) on Wed, 21 Aug 2013 15:25:02 GMT

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Hi,

I was able to reproduce your error, and I have seen that it happens that there are Track candidates from PndTracking/2 task with numbers even if the mvd/stt containers are empty or with smaller size:

```
fMvdPixelHitArray->GetEntriesFast() 0
```

```
fMvdStripHitArray->GetEntriesFast() 0
```

```
fSttHitInput->GetEntriesFast() 21
```

```
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #1 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #0 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetMvdHitStrips: MvdHitStrip #1 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetMvdHitStrips: MvdHitStrip #0 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetSttHits: SttHit #21 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetSttHits: SttHit #22 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetSttHits: SttHit #23 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetSttHits: SttHit #24 does not exist!!!
```

or

```
fMvdPixelHitArray->GetEntriesFast() 0
```

```
fMvdStripHitArray->GetEntriesFast() 0
```

```
fSttHitInput->GetEntriesFast() 24
```

```
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #2 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #1 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetMvdHitPixels: MvdHitPixel #0 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetMvdHitStrips: MvdHitStrip #0 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetMvdHitStrips: MvdHitStrip #1 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetSttHits: SttHit #28 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetSttHits: SttHit #42 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetSttHits: SttHit #54 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetSttHits: SttHit #43 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetSttHits: SttHit #30 does not exist!!!
```

```
-E- PndMCTrackAssociator::GetSttHits: SttHit #25 does not exist!!!
```

I believe there is something buggy in the tracking code, since the mctrackassociator is not touched since many months. Maybe the trackcandidate is not cleaned and it has some information from the previous event, or maybe some hits are deleted from the trackcand and maybe also from the original TCA. Gianluigi, can you please take a look?

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