
Subject: [FIXED] Problem with PndMCTrack::GetNPoints // PndDetectorList.h
Posted by [Dominik Steinschaden](#) on Fri, 15 Jan 2016 14:57:27 GMT

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Hi all,

Currently I'm doing some analysis, in which I want to use the function
`Int_t GetNPoints(DetectorId detId)`
of the class `PndMCTrack`.

I already have access to the information stored in the `MCTrack`, the only function I have
problems with is this one.

As Input parameter an variable from Datatype "DetectorId" is needed.

As far as I understand in the included header file of `PndMCTrack` "PndDetectorList.h" this
Datatyp is defined as:

```
enum DetectorId {  
/** kRICH must be the 1st id, and kHYP must be the last one. Please put new detectors in  
between!! **/  

```

```
kRICH,kDRC,kDSK,kEMC,kGEM,kLUMI,kMDT,kMVD,kRPC,kSTT,kFTOF,kTOF,kFTS,kHYPG  
,kHYP};
```

But when I try to use this definition in my analysis macros, I always get errors.

e.g.:

using the line:
`MCTrack->GetNPoints(kTOF)`

error: Error: Symbol kTOF is not defined in current scope

If I only try to define a variable of type `DetectorId`:

```
DetectorId test;
```

Error: Symbol `DetectorId test` is not defined in current scope

Can someone explain how to proper use this function of `MCTrack`?

regards Dominik