
Subject: Re: Tracklength from GEANE

Posted by [Sebastian Neubert](#) on Mon, 14 Apr 2008 14:57:26 GMT

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Hi!

I have checked in a new version of CbmGeanePro where I added the following:

```
void CbmGeanePro::Propagate(Int_t PDG) {  
    // main propagate call to fortran ERTRAK  
  
    GeantCode=fdbPDG->ConvertPdgToGeant3(PDG);  
  
    gMC3->Ertrak(x1,p1,x2,p2,GeantCode, fPropOption.Data());  
    std::cout<<"gMC3->TrackLength="<<gMC3->TrackLength()<<std::endl;  
    trklength=gMC3->TrackLength();  
  
}
```

So now trklength is set for every Propagation. But I think there was some issue, that when we do it this way, the precision of trklength is limited to the stepsize??

In the recotasks/demo there is now a DemoToolsTask, which demonstrates how to get the tracklength between two points.

Cheers!
Sebastian.

Cheers! Sebastian.
