
Subject: Re: Conversion of track parameters

Posted by [Stefano Spataro](#) on Mon, 13 Jul 2009 11:33:37 GMT

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Thanks,

even if those functions do not solve my problem.

I have decided to use the following constructor, which should do the job:

```
FairTrackParP *parabula....
```

```
FairTrackParH *helix = new FairTrackParH(TVector3(parabula->GetX(), parabula->GetY(),  
parabula->GetZ()),
```

```
    TVector3(parabula->GetPx(), parabula->GetPy(), parabula->GetPz()),
```

```
    TVector3(parabula->GetDX(), parabula->GetDY(), parabula->GetDZ()),
```

```
    TVector3(parabula->GetDPx(), parabula->GetDPy(), parabula->GetDPz()),
```

```
    parabula->GetQ());
```

which is not so... stylish, but it should work. Maybe one should implement a constructor from a generic FairTrackPar, such as:

```
FairTrackParP::FairTrackParP(const FairTrackPar* xxx);
```

```
FairTrackParH::FairTrackParH(const FairTrackPar* xxx);
```

to have something easier to write.
