Subject: Re: Closing SVN access on Wednesday 11 February 2009
Posted by Lia Lavezzi on Wed, 18 Feb 2009 15:37:41 GMT

Hi Bertram and hi all,
   I tried moving the WirepointHitPolicy from stt/sttreco to genfit. By doing this, the policy class
would be in common between the stt and the dch.
Concerning the reco hits, two separate reco hits, specific for stt and dch, should be
implemented. I understand the point about avoiding code duplication, and I know that there
could still be a "problem" about the two detPlane(AbsRecoHit* hit, AbsTrackRep* rep)
functions. They will be similar, but actually they will not be exactly the same, because in stt we
have the 0.5 cm check (not needed in dch) and the origin of the frame is placed in the center of
the wire (I' m not sure about the dch choice).
In any case, I cannot imagine how to move this to the WirepointHitPolicy (and so in genfit)
since as far as I know the genfit package should be independent from geane and in the
detPlane(...) function we use it.
Moreover this function is explicitly implemented for GeaneTrackRep, because in the stt case
we did not use LSLTrackRep, and this adds a dependence of genfit on the trackrep package...

Do you think this could be a solution?

                Regards,
                 Lia.