Subject: Re: Minutes of PandaRoot Meeting May 27 are posted.
Posted by Klaus Götzen on Mon, 16 Jun 2008 07:31:55 GMT
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Hi all,

just wanted to give an early commment on the track proposal:
Be aware, that the TCandidate originally is not a tracking but a analysis object, so therefore I wouldn't recommend to derive the TTrack from it.
To have some representation for the basic parameters you perhaps could think about deriving from TFitParams.

Concerning the storage of hit indices I implemented now the class PndMicroCandidate in RhoBase. This now is intended to contain all the measured information of a track and it also has some members of type TArrayI (one for each tracking subdetector) forseen to contain the hit indices.
It also has members for PID information like dE/dx and theta_C for the various detectors.
The idea is to create a TCandidate at analysis time on the fly, which has a backpointer to this MicroCandidate giving access to all these info at analysis time.
Of course we can put everything we want to this PndMicroCandiate which then serves as the primary candidate object.

Cheers and hear you tomorrow,
Klaus