Subject: Track Visualization questions
Posted by Christian Leitold on Tue, 01 Sep 2009 08:04:03 GMT

Hello,

I am a student and work currently at SMI, Vienna, where I should perform some simulations using PANDA ROOT. So far, we have created a set of macros for full simulation based on those in trunk/tutorials/analysis (sim, digi, reco, kalman, makeTCands). We are using revision 5813 following a suggestion by Klaus Götzen, since the macros were not compatible with the most current version. I could already perform some simple analysis, like getting the momentum or energy of different particle types, etc.

What I could not do -- and here is the reason for my question -- is track visualization. We would like to that, but unfortunately so far I have not found out how. There are some example scripts available, but they all do not work since they they look for some TGeoTrack objects which are apparently not present in our ROOT files, causing an error:

Error in <TTree::SetBranchAddress>: unknown branch -> GeoTracks

Is there a method for adding this branch to the tree, or has the track visualization process changed so I have to use another approach?

Thanks a lot and sorry for me asking so simple questions
Christian Leitold