Subject: [FIX]
Posted by Ralf Kliemt on Wed, 06 Nov 2013 14:43:17 GMT
View Forum Message <> Reply to Message

Hi everybody.

The plots from last monday meeting (see here) showed strang result for the PRG fitter. I found the simple solution: For reasonable results one needs at least two iterations.
That's it.

I produced the plots again, doing two iterations in the PRG Fast, PRG Full and KinVtx fitters. You find them to be almost identical (for that clinical ensemble of tracks).
The very last plot shows off how much time was needed to run these algorithms. I.e. only the Fit() calls were measurted, not plotting the histograms and the used time is the "real time". One can see how the consumption is factors larger when compared to the POCA finder, as expectd.

Cheers
Ralf

File Attachments
1) HistoVertexing-gfitsA4.pdf, downloaded 544 times

Subject: Re: [FIX]
Posted by StefanoSpataro on Wed, 06 Nov 2013 15:28:45 GMT
View Forum Message <> Reply to Message

Great,
is it possible to modify the wiki tutorial, to write that if you use such PRG fitters you need to run it twice, and put some sample code?