Subject: Template for association track from PR to MC track
Posted by Gianluigi Boca on Sun, 12 Dec 2010 21:26:46 GMT
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I put in the attachment (as suggested by Stefano some time ago) a piece of code, namely the function :

AssociateFoundTrackstoMC

that associates a given track found by the Pattern Recognition to a Montecarlo truth Track.

I was trying to describe this algorithm a month ago in an EVO meeting, but obviusly the code itself is a much better explanation.

If you want you can use this code as is, just provide the necessary input vectors as explained inside.

Cheers Gianluigi

File Attachments
1) prova.cc, downloaded 509 times

Subject: Re: Template for association track from PR to MC track
Posted by Tobias Stockmanns on Mon, 13 Dec 2010 12:50:40 GMT
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Dear pandaRooters,

I have uploaded the macro and the task I have used to do the quality check of the Riemann track finder.

It can be found in macro/mvd/run_linkCreation.C, PndMCMatch/examples/PndMCTestPatternRecoQuality.

It is based on the FairLink MC propagation mechanism which can easily be adopted to different sub detectors.

Please feel free to test it and contact me if any problems arise.

Cheers,

Tobias