
Subject: Re: Official code for tracking TDR
Posted by [Gianluigi Boca](#) on Fri, 25 Mar 2011 14:14:41 GMT
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Stefano Spataro wrote on Wed, 23 March 2011 14:35: Dear all tracking developers,
I would like to ask you which will be the official code we have to run for the grid massive data production.

As far as I have understood, many "open points" of my slides are already fixed or they are going to be fixed soon. For this reason I ask you here which tasks we have to use exactly for data production, for digitization, for the event mixing, for the MVD+CT+GEM global tracking and for the dE/dx .

Please write here when the code is in svn, when you are ready, so that we can start at least to run some tests.

I have just put the Macro

`runPreliminaryMvdReco.C`

in `pandaroot/macro/sttmvdtracking` in the repository.

This Macro takes as input the simulation, params and digit root files of the DPM Background events and produces an output file (`Mix_Generation_reco.root`) with reconstructed events.

The `Mix_Generation_reco.root` contains the Mvd hits `TClonesArray` of the background, which are necessary later for the mixing of physics with bkg events in the STT AND MVD analysis.

I hope very shortly I can put in svn the Macro for actually doing the mixing and subsequent analysis with the usual STT or STT+Mvd Pattern Recognition etc.
For that I have to wait for an answer from Tobias who has to please change slightly the way the input `TClonesArray` name is given to the Mvd Riemann Pattern Recognition.

Please stay tuned, cheers Gianluigi
