
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 14:35Dear 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 de 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 digi 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
