
Subject: Re: PndTracking2 - mvd and stt code with genfit2
Posted by [Elisabetta Prencipe \(2\)](#) on Wed, 21 May 2014 08:54:24 GMT
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Dear pnd-tracking friends,

the conflicts between genfit2 and mvd/dirc codes are solved. Now I manage to compile pandaroot rev-24275, with the last updated version of the mvd code (thanks Stefano for this!) I can simulate and digitize events inside the pandaroot framework, with the new genfit2 tracking tool and the full panda detector tools, and it runs smooth.

In the reconstruction of the events, I have still some troubles with the PndRecoKalmanTask. So, still some modifications have to be done to GenfitTool2.

The basic idea is to add to a new pandaroot trunk, whenever all conflicts are solved and tests are completely performed, 2 new packages: /genfit2 and /GenfitTools2. I think it's needed to add also /mvd2, as the one that we get right now is not compatible with genfit2.

I added in the svn /pandaroot/development/prencipe 2 packages: /genfit2 (adapted for panda, with 2 CMakeLists: CMakeList_panda.txt and CMakeList_standalone.txt), and a new version of GenfitTool (2), which is modified in order to run genfit2 in pandaroot. Several other packages had to be modified, but with those I am still doing my tests (mvd, hyp, ...)

Hopefully I will solve all conflicts in 1-2 weeks, I would present this work and the first tests performed with genfit2 to the upcoming collaboration meeting. Is there a standard macro which was used to test genfit (1) years ago, somewhere?

This is all for now.
cheers, Elisabetta
