Subject: Re: Tutorial macro
Posted by Elisabetta Prencipe (2) on Wed, 07 Aug 2013 07:16:14 GMT

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Hello Klaus,

 I updated the trunk to run the tutorial macro in /tutorial/rho/ as you recently suggested. I can easy run sim-, digi-, reco-, pid- macros. But when I try to run the analysis macros of this new tutorial (without changing anything) I am in troubles:

1) tut_ana_comb.C

This macro is stopping since the beginning, because at the line l.105 it is combined:

****

RhoCandidate *combCand;
combCand= muplus[j]->Combine(*muminus[k]);
*****

This is not ok, as it produces the following error message:

*****

Error: Can't call RhoCandidate::Combine(*muminus[k]) in current scope tut_ana_comb.C:105:
Possible candidates are...
(in RhoCandidate)
/home/prencipe/panda/pandaroot/trunkbuild/lib/libRho.so -1:-1   0 public: RhoCandidate*
RhoCandidate::Combine(RhoCandidate* c);
/home/prencipe/panda/pandaroot/trunkbuild/lib/libRho.so -1:-1   0 public: RhoCandidate*
RhoCandidate::Combine(RhoCandidate* c1,RhoCandidate* c2);
/home/prencipe/panda/pandaroot/trunkbuild/lib/libRho.so -1:-1   0 public: RhoCandidate*
RhoCandidate::Combine(RhoCandidate* c1,RhoCandidate* c2,RhoCandidate* c3);
*** Interpreter error recovered ***
****

In the old tutorial, I used to combine lists, and it worked, and even here it would work. But in this macro RhoCandidates are combined, and I cannot run this macro in this way. How did you manage to compile this macro?

2) tut_ana_pid.C This works fine to me.

3) tut_ana_mcmatch.C This macro runs, but the plots of the full truth-match are empty. Actually also in the old tutorial they collected 0 entries in my case....do you have any hint how could I solve such a problem?

4) tut_ana_mclist.C This runs smooth

5) tut_ana_fit.C This is the worst case: it produces a segmentation violation. How did you manage to run this macro for the kinematic fit in /tutorial/rho/?

6) tut_ana.C It does not work, as the previous macros crash.

7) tut_makegifs.C It does not work

So, let's summarize: in this new rho-tutorial, without changing anything, for me the only analysis-macro working is the ana_pid. Any idea why I met these troubles? Do I miss anything, any setting, any change which am I supposed to do before running the analysis macros of /tutorial/rho?

http://panda-wiki.gsi.de/cgi-bin/view/Computing/PandaRootRhoTutorial

Thank you very much in advance for your useful help,

Elisabetta