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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 easily 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[jj]->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

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