Subject: RHO: Major Modifications
Posted by Ralf Kliemt on Mon, 18 Mar 2013 08:55:17 GMT
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Dear computing group.

There will be a major update on Rho and the Analysis tools. My goal is to reduce the unnecessary stuff and straighten the work flow. Furthermore the fitters are aligned with each other in therms of interfaces and tree navigation capabilities.

There is a development branch in the repository at
https://subversion.gsi.de/trac/fairroot/browser/pandaroot/development/ra lfk.

I'll wait with check-ins to the trunk until Stefano gives green lights. Note that these changes will break the existing analysis macros!

I'd be grateful for any input from the community regarding the transition to the update as well as the amount of excluded classes/functionality.

Cheers
Ralf

Edit:You may find an overview of all changes in a talk at the june13 collaboration meeting (Wd. in Physics Analysis session).

https://indico.gsi.de/getFile.py/access?contribId=4&resId=0&mate rialId=slides&confId=2281

Ralf

Subject: Re: RHO: Major Modifications
Posted by Ajay Kumar on Thu, 11 Jul 2013 09:11:43 GMT
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Hi Ralf,

I have used TRho for my analysis earlier and it was working fine. After the modifications my working macros are giving error due to a file which does not exiting in the directed path. error goes like this:-

Processing test2.C...
TRho::GetPDG: Instantiating TDatabasePDG from
/home/ajay/pandaroot/rho/RhoParameters/PDT/evt.pdl
Error in <TPdt::ReadPDGTable>: Could not open PDG particle file
/home/ajay/pandaroot/rho/RhoParameters/PDT/evt.pdl

*** Break *** segmentation violation

I had a look in the rho directory and found that name of classes being different now and than

tried but could not find the solution.

what should I do now ?
please help me.

Thanks

Subject: Re: RHO: Major Modifications
Posted by Ralf Kliemt on Thu, 11 Jul 2013 09:19:36 GMT
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Hello Ajay,

Please attach your macro as it will be easier to spot flaws.

Cheers
Ralf

Subject: Re: RHO: Major Modifications
Posted by Ajay Kumar on Thu, 11 Jul 2013 09:25:12 GMT
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Dear Ralf,

Please find the attached analysis macro here.

Regards

File Attachments
1) test2.C, downloaded 441 times

Subject: Re: RHO: Major Modifications
Posted by StefanoSpataro on Thu, 11 Jul 2013 09:41:07 GMT
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The folder rho/RhoParameters does not exist.

Subject: Re: RHO: Major Modifications
Posted by Ralf Kliemt on Thu, 11 Jul 2013 09:49:07 GMT
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Hi.

You still use the Rho package and the event reader. If you want to continue with these, please go to a verion where these are still operational, i.e. do a svn update -r 19500 (around the april13 release).

If you need the changes you will have to modify some things in your macro.

Cheers
Ralf

PS: You should move the two functions outside from the main macro function (processbaseparticles and makeptheta).

Subject: Re: RHO: Major Modifications
Posted by Ralf Kliemt on Thu, 11 Jul 2013 09:52:01 GMT
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You may find an overview of all changes in a talk at the june13 collaboration meeting (Wd. in Physics Analysis session).

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Ralf

Subject: Re: RHO: Major Modifications
Posted by StefanoSpataro on Thu, 11 Jul 2013 10:03:08 GMT
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Maybe it is better to remove the PndEventReader class from the repository.
