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Subject: One technical problem for vertex or 4c fitter in the analysis task

Posted by [donghee](#) on Fri, 27 Jun 2014 14:44:58 GMT

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Hi Ralf,

I am trying to do some kinematic fits with using analysis task.

We have two analysis approaches.

One is the interpreted macro mode (simply root macro), other one is the compiled mode (e.g. ans task mode).

If I do 4C fit or vertex fit with macro mode, all informations are correctly saved into the final output file.

But if I do fits with compiled mode (used PndScrutAnaTask), fitted informations are empty.

All these fitters have same problem with compiled mode in the analysis task.

PndVtxPRG

PndVtxPoca

PndKinFitter

PndKinVtxFitter

Only mass constraint fit using in PndKinFitter is fine for both modes, but 4C or vertex fit does not correctly show the output information with compiled mode.

Best regards,

Donghee

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Subject: Re: One technical problem for vertex or 4c fitter in the analysis task

Posted by [Ralf Kliemt](#) on Fri, 27 Jun 2014 14:48:10 GMT

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Hi Donghee,

Let me have a look on the code.

Ralf

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Subject: Re: One technical problem for vertex or 4c fitter in the analysis task

Posted by [donghee](#) on Fri, 27 Jun 2014 14:54:14 GMT

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I am very happy that you will look on it...

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Subject: Re: One technical problem for vertex or 4c fitter in the analysis task

Posted by [Ralf Kliemt](#) on Fri, 27 Jun 2014 14:55:14 GMT

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I actually mean your analysis macro and task code.

Ralf

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Subject: Re: One technical problem for vertex or 4c fitter in the analysis task  
Posted by [donghee](#) on Fri, 27 Jun 2014 14:58:19 GMT

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Here are files, what I am using now...

I think a little bit heavy....

#### File Attachments

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- 1) [PndScrutAnaTask.h](#), downloaded 416 times
  - 2) [PndScrutAnaTask.cxx](#), downloaded 488 times
  - 3) [ana\\_task\\_fast.C](#), downloaded 444 times
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Subject: Re: One technical problem for vertex or 4c fitter in the analysis task  
Posted by [StefanoSpataro](#) on Fri, 12 Sep 2014 08:27:28 GMT

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and?

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