
Subject: Follow-up PandaRoot meeting: Wednesday 2nd of December, 10-12

Posted by [Johan Messchendorp](#) on Tue, 01 Dec 2009 14:12:04 GMT

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Dear all,

Tomorrow we will have a follow-up PandaRoot EVO meeting from 10-12 (the latest). During the last meeting we were discussing to refresh the macros and tutorials of the pandaroot /trunk branch with the aim to come with a "one-in-all macro". Meanwhile, quite some progress has been made in this direction, which we can discuss tomorrow. Furthermore, we will continue the discussion on the stability of the code.

I hope you can all make it tomorrow....

Greetings,

Johan.

Subject: coordinates...

Posted by [Johan Messchendorp](#) on Tue, 01 Dec 2009 18:09:38 GMT

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Title: pandaroot

Description: pandaroot

Community: Panda

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Start 2009-12-02 09:30

End 2009-12-02 12:30

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Subject: Action points towards next release....

Posted by [Johan Messchendorp](#) on Sat, 05 Dec 2009 16:03:53 GMT

Dear all,

Let me briefly summarize the decisions we made in the past two EVO meetings to reach to a next production release.

Macros and all that...

remove obsolete macros.... done (all).

update example macros.... done (all).

all-in-one macros with complete setup, digitization, reconstruction.... done (Mohammad).

update tutorial macros.... done (Klaus).

compiled version of corresponding macros.... available, not tested (Bertram, Elwin).

Request for complete macros with ideal track finding algorithms. Most detectors have these and will provide example macros for their system.... to be done.

For complete macros, a switch will be incorporated to enable EvtGen, DPM, and box generators.... done (Mohammad).

Example all-in-one macros based on fastsim.... done (Mohammad, Klaus).

Get all QA macros working.... in progress (all).

Code stability

Resolve conflict magnet coils and MDT.... still to be done (Mohammad, Tobias).

GEANE crashing.... still to be done (Alberto, Lia, et al.)

Transport code tuning

Default settings not changed, responsibility of detector systems

Tune cut-offs etc. for each detector system.... mostly done, EMC?

TPC requests to use by default G3, which is acceptable by other detectors.

Update documentation

Update charmonium tutorial

<http://panda-wiki.gsi.de/cgi-bin/viewauth/Computing/PandaRootCharmoniumTutorial> in progress (Soeren)

...to be discussed on next meeting....

Is there anything I missed? If so, let me know.

Kind wishes,

Johan.

Subject: Re: Action points towards next release....

Posted by [mpeliz](#) on Sat, 05 Dec 2009 22:30:29 GMT

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Hello,

I have one remark concerning the tuning of the G3/4 cuts. For the EMC we need a deeper understanding of test beam data and how MC compares to it. Vanni is working on this issue using Proto60 data.

Especially for G3 we have no good starting values and it could take some time to come to final results. I guess this is out of the scope for the next stable release and it was not my impression that this should be already go to the next release.

Best regards,
Marc

Subject: Re: Action points towards next release....

Posted by [Jens Sören Lange](#) on Sun, 06 Dec 2009 10:21:36 GMT

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Hi all,

Quote:Update documentation

1. Update charmonium tutorial
<http://panda-wiki.gsi.de/cgi-bin/viewauth/Computing/PandaRootCharmoniumTutorial> in progress (Soeren)

for this one Klaus Goetzen and I talked and decided that it is better to change significantly (or better, to merge with the tutorials from Krakow and Torino to one single beginners' tutorial, which a.) works and b.) stays more or less the same for the next 1-2 years).

a.) The main purpose is to go one stop beyond a running macro, i.e. not just blindly run a macro as a black box, but also to take a look inside, and see, how to change e.g. from box generator to EvtGen or to DpmGen.

b.) to give some basic troubleshooting help with running EvtGen and all the things that could happen there (libPythia, libg2c, etc.)

c.) The tutorial right now still uses the TpcLheTracks. as it was for a very early version of PandaRoot, when we didn't have TCandidates. So we will change that now.

cheers, Soeren (& Kaus)

Subject: Re: Action points towards next release....

Posted by [Johan Messchendorp](#) on Sun, 06 Dec 2009 12:05:16 GMT

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Hi Soeren and Klaus,

That is an absolutely great initiative!

Thanks,

Johan.

Subject: Re: Action points towards next release....

Posted by [Johan Messchendorp](#) on Sun, 06 Dec 2009 12:06:36 GMT

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Hi Marc,

Here you are right. We indeed have to tune the transport model to reproduce the prototype data. That is an absolute must. Lets see what we will learn in the course of time....

Greetings,

Johan
