Subject: Re: PandaRoot meeting, Tuesday, 15th of January, 14:00
Posted by StefanoSpataro on Wed, 09 Jan 2013 17:03:02 GMT
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Hi,
with the new year I think it would be good to summarize the current status of the software, in order to understand the current "state-of-art", what is missing and also who is involved.
For this reason I would like to organize a SeeVogh meeting on 15th January (Tuesday) which is the usual pandaroot meeting time slot, asking first to "global package" experts to summarize the current status, with in particular a list of the people/institute involved, and a list of the possible working packages. We did this two years ago if I remember well, but if you check the corresponding wiki page Johan created long time ago:

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

You can see that this is not updated since a long time, then it would be good to "refresh" it and write a list of packages, to send to the executive-board and after to collaboration board kindly asking for support, at least at this stage.

What I would like to ask the sub-coordinators to write a short report/few slides describing what is present in the code (very briefly, no details at all, just the general status), list of working packages assigned and not assigned, and currently people involved (name, institute, occasional/full time developer).

Just writing a list of the "general packages" questions arised on my mind:

Core Framework (Mohammad)
- Database?
- Implementation for time based simulation?
- Required major changes?
- a.o.b.?

Tracking (Gianluigi)
- Central tracker PR?
- Forward PR?
- Update of the Kalman?
- electron tracking?
- Deterministic annealing filter?
- time based tracking?
- reconstruction of t0?
- mvd+gem pr?
- a.o.b.

Particle Identification (Stefano)
- Correlation?
- Implemented algorithms and missing detectors?
- Evaluation of pid performances?
- multi variate pid?
- neutral id?
- a.o.b.

Analysis Tools (Klaus G.)
 - tree fitters?
 - Propagation of full MC truth?
 - Fast simulation?
 - a.o.b.

EMC (Dima M.)
 - Geometry description?
 - realistic parameterization of simulation?
 - split-off recognition?
 - time based simulation?
 - a.o.b.

Online Computing (Soeren L.)
 - pattern recognition ct/fwd?
 - use of time stamps for online tracking?
 - event building?
 - a.o.b.

GRID (Radek K.)
 - current status of nodes and corresponding available cores, exclusively for panda and shared woth other experiments
 - current status of storage
 - a.o.b.

Production manager (Paul B.)
 - Potentiality of grid to run full pandaroot reconstruction (expected time, disk space required)
 - a.o.b.

Let me add two points not covered by subcoordinators but I believe quite important:

Time based Simulation (Tobias S.)
 - Current implementation on the various detectors?
 - what is important to have ready in the shortest time?
 - a.o.b.

Analysis (Physics coordinators, Paola or Klaus)
 - list of people working con physics channels, and list of channels not touched but important to evaluate
My idea is first to "finish" the general status, and after (then for the next meeting) to ask to detector experts.

Finally we could provide to the Collaboration Board a sort of official list of "service software jobs", and also a table with the software involvement from the different institutes.

Subcoordinators were already contacted, there was a request to move the meeting starting from 15:00 instead of 14:00. In this sense, I would suggest to start with Dmitry presentation, and after moving to the reports.

If you have objection against this program, or the shift of the meeting one hour later, please speak us. If I won't receive objection, on Frday i will fix the Seevogh for 15/1/2013 starting from

15:0..

Regards