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Subject: PandaRoot 2.0

Posted by [Jens Sören Lange](#) on Tue, 16 Oct 2007 15:49:35 GMT

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Dear all,

here are a few notes about what we decided concerning PandaRoot 2.0 on the PandaRoot meeting Oct 20, 2007.

The tentative date for PandaRoot 2.0 release is Nov 7.

We decided, that the subdetector code for PandaRoot 2.0 should fulfill the following requirements:

1.) each subdetector should have the following existing data members

where XXX is the 3-letter acronym of the subdetector.

for single hit detectors XXX Digi  
(e.g. DRC, TOF)

for cluster-type hit detectors XXXDigi and XXXCluster  
(e.g. TPC, MVD, EMC etc.)

and an existing reconstruction to fill these structures.

The reconstruction can be preliminary (i.e. pre-amplifier, shaper, sampling frequencies etc. which might not be the final, optimized values).

2.) In addition to the preliminary reconstruction, each detector should deliver a task for ideal reconstruction, i.e. fill directly the XXXDigi and/or XXXCluster from XXXPoints.

3.) as documentation, each subdetector is asked to provide a diagram on the Wiki with the names of classes and data members

see the example for MVD

[http://forum.gsi.de/index.php?t=msg&th=1575&rid=326&S=67b64f8f7aef7dcdf4c2078b6bbec4f#msg\\_5211](http://forum.gsi.de/index.php?t=msg&th=1575&rid=326&S=67b64f8f7aef7dcdf4c2078b6bbec4f#msg_5211)

4.) Each subdetector will have only one contact person who will receive write permission to the new /2\_0\_0 subversion branch, so that they might copy the code once it achieves a status for 2.0.

The subversion repository path will be

[https://subversion.gsi.de/fairroot/release/pandaroot/2\\_0\\_0](https://subversion.gsi.de/fairroot/release/pandaroot/2_0_0)

List of contact persons with write permissions:

Beampipe Stefano Spataro  
DCH Aleksandra Wronska  
DRC Annalisa Cecchi (tbc)  
EMC Stefano Spataro  
HYP Alicia Sanchez  
Magnet Stefano Spataro  
MVD Ralf Kliemt  
STT Pablo Genova  
TOF Alicia Sanchez  
TPC Sebastian Neubert (tbc)

Annalisa and Sebastian, is it O.K. to put your names here as contact persons?

best regards, Soeren

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