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Subject: final PandaRoot for DC

Posted by [Jens Sören Lange](#) on Fri, 11 Apr 2008 13:50:57 GMT

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Hi all,

we proudly present

PandaRoot rev2480

-> this will now be the version for the DC.

/macro/dc1/stt

new: contains emc digis (clusters), too  
for track matching

note: there is no stt rundigi.C macro anymore  
-> it is not integrated into the runreco.C macro  
(as it is also for tpc)

/macro/dc1/tpc

new: contains emc digis (clusters), too  
for track matching

track visualization is now switched off  
-> saves disk space

/macro/dc1/full

**THIS IS NOW THE DPM !**

(it means, basically no basf script necessary anymore,  
but if you want to run the DPMGen executable for some  
reason, this also still works).

new: we do not only event generation but even Geant3.

all detectors.

pT and nEvents are now parameters of the macro.

disk space: 105 kB per 1 event

(so not anymore only 250 bytes/event!)

CPU time: ~1 sec per 1 event.

note: there is no option for the seed.  
Mohammad says that it is taken from the date.

NOTE! pgenerators/DpmEvtGen needs to be compiled on each site!  
(this is not part of the cbuild)  
but Florian will prepare it for the packages.

all is tested and works.

additional note:

all macros contain new newest mvd and newest forward emc geometry!

(they were generated with different external packages,  
but Stefano fixed it).

Thanks everyone for debugging etc. (Mohammad, Stefano, Ola, Tobias, Florian, ...)

I think the phone companies will be very happy about today's accounting bill.

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