Subject: Re: Memory leaks in digitization (TPC!)
Posted by StefanoSpataro on Sat, 25 Sep 2010 12:58:43 GMT
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Last update:

I have tried to run 20k events with only tpc, up to TpcElectronicTask, and up to TpcClusterFinderTask.

The one up to the electronic task now runs fine, without errors.
The one up to the cluster task crashes, with the following error:

Event number 3979.
PndTpcClusterizer:: 5502 clusters created
9906 electrons arriving at readout
Aggregating drifted electrons into avalanches finished.
9906 Avalanches created
0 aggregations done.
18401 Signals created
PndTpcElectronicsTask::Exec
Building up padmap ...finished. 1298 pads hit
.....
1694 Digis created
PndTpcClusterFinderTask::Exec
252 cluster created containing 1694 digis from 1694
Error: Symbol #include is not defined in current scope run_digi2_tpccombi.C:145:
Error: Symbol exception is not defined in current scope run_digi2_tpccombi.C:145:
Syntax Error: #include <exception> run_digi2_tpccombi.C:145:
Error: Symbol G__exception is not defined in current scope run_digi2_tpccombi.C:145:
Error: type G__exception not defined
FILE:/d/panda02/spataro/pandaroot/macro/pid/test/./run_digi2_tpccombi.C LINE:145
*** Interpreter error recovered ***
dpm_digi2.txt lines 52084-52132/52132 (END)

This means that the fixes in PndTpcClusterFinderTask for the valgrind warnings (previousmessage) are really needed.