
Subject: Re: Crash in TPC digitization

Posted by [Stefano Spataro](#) on Mon, 25 Oct 2010 07:57:25 GMT

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Hi,

unfortunately my DPM simulation has crashed, then I have to regenerate again the files to test your changes.

Meanwhile, I have tried to run muons, and I got no crash... but muons are easier to handle.

Running valgrind, I have seen still the following leak:

```
==18001== 10,082,772 bytes in 546,990 blocks are possibly lost in loss record 451 of 455
==18001==   at 0x4004790: operator new(unsigned) (vg_replace_malloc.c:164)
==18001==   by 0xC17971: std::string::_Rep::_S_create(unsigned, unsigned,
std::allocator<char> co
nst&) (in /usr/lib/libstdc++.so.6.0.3)
==18001==   by 0xC19DF4: (within /usr/lib/libstdc++.so.6.0.3)
==18001==   by 0xC19F01: std::string::string(char const*, std::allocator<char> const&) (in
/usr/
ib/libstdc++.so.6.0.3)
==18001==   by 0x9947B5D: padprocessor::reset() (TORPadProcessor.cxx:99)
==18001==   by 0x994D4C2: PndTpcSectorProcessor::reset()
(PndTpcSectorProcessor.cxx:187)
==18001==   by 0x9932E20: PndTpcClusterFinder::process(std::vector<PndTpcDigi*,
std::allocator<Pn
dTpcDigi*> >&) (PndTpcClusterFinder.cxx:122)
==18001==   by 0x99415EB: PndTpcClusterFinderTask::Exec(char const*)
(PndTpcClusterFinderTask.cxx
:151)
==18001==   by 0x4193924: TTask::ExecuteTasks(char const*) (in
/home/spataro/jan10/tools/root/lib
/libCore.so.5.26)
==18001==   by 0x4193720: TTask::ExecuteTask(char const*) (in
/home/spataro/jan10/tools/root/lib/
libCore.so.5.26)
==18001==   by 0x90140B7: FairRunAna::Run(int, int) (FairRunAna.cxx:278)
==18001==   by 0x905995D: G__FairDict_792_0_5(G__value*, char const*, G__param*, int)
(FairDict.c
xx:11420)
```

the last one from the old series I have reported some time ago. I think it should be also taken out.

I will let you know once the dpm simulation will end.