
Subject: Memory consumption grow using genfit

Posted by [Aleksandra Wronska](#) on Fri, 07 Nov 2008 14:18:22 GMT

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Dear genfiters,

when testing genfit on dch hits I noticed that memory consumption grows steadily with the number of analysed events. In a fast check on stt data I observed the same behaviour, that's why I think it might be a problem in genfit itself (memory leak?). Can anyone have a look?

cheers,
ola

Subject: Re: Memory consumption grow using genfit

Posted by [asanchez](#) on Fri, 07 Nov 2008 15:35:33 GMT

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Hi Ola,

Actually i have the same problem as you have now.
I solved(at the moment works) by doing the following

In the directory of genfit
if you go to the class Track.cxx
at the line 26
add the line
delete trackReps

```
Track::~~Track() {
22  if(trackReps!=NULL){
23    for(int i=0;i<getNumReps();i++) {
24      delete trackReps->At(i);
25    }
26  delete trackReps;  }
27  for(unsigned int i=0;i<hits.size();i++) {
28    delete hits[i];
29  }
30 }
```

if you have a task to extract the information
from the track object,
PNDDchKalmanQATask for example

at line 150 add also fTrackarray->Delete();

i hope it works

best regards
Alicia S.
