
Subject: Re: Out of memory problem in EmcPoint - FairLink ?
Posted by [StefanoSpataro](#) on Fri, 06 Aug 2010 11:02:52 GMT
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Thanks Mohammad,
I have updated svn and run valrind one a single event.
Now, what is left is, in the initialization:

Toggle Spoiler

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RuntimeDb: write container FairBaseParSet
==7891== Use of uninitialised value of size 4
==7891== at 0x42169AF: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891== by 0x7EE8A37: FairRuntimeDb::writeContainers() (FairRuntimeDb.cxx:242)
==7891==
==7891== Use of uninitialised value of size 4
==7891== at 0x42169C6: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891== by 0x7EE8A37: FairRuntimeDb::writeContainers() (FairRuntimeDb.cxx:242)
==7891==
```

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==7891== Use of uninitialised value of size 4
==7891== at 0x421683A: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFileIo::write(FairParSet*)
(FairDetParRootFileIo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891== by 0x7EE8A37: FairRuntimeDb::writeContainers() (FairRuntimeDb.cxx:242)
==7891==
==7891== Use of uninitialised value of size 4
==7891== at 0x421684B: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFileIo::write(FairParSet*)
(FairDetParRootFileIo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891== by 0x7EE8A37: FairRuntimeDb::writeContainers() (FairRuntimeDb.cxx:242)
==7891==
==7891== Use of uninitialised value of size 4
==7891== at 0x4216A24: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)

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==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891== by 0x7EE8A37: FairRuntimeDb::writeContainers() (FairRuntimeDb.cxx:242)
==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x42162F6: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x4216308: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)

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==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x42162FF: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x4216324: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x421632F: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)

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==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFileIo::write(FairParSet*)
(FairDetParRootFileIo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x4216350: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFileIo::write(FairParSet*)
(FairDetParRootFileIo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x4216310: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in

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/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x4216345: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x4216371: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)

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==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x421633A: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFileIo::write(FairParSet*)
(FairDetParRootFileIo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x421635B: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFileIo::write(FairParSet*)
(FairDetParRootFileIo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891==
==7891== Conditional jump or move depends on uninitialised value(s)
==7891== at 0x4216366: longest_match (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216BA3: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in

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/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891==
==7891== Use of uninitialised value of size 4
==7891== at 0x421CE87: compress_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421D932: _tr_flush_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216A84: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891==
==7891== Use of uninitialised value of size 4
==7891== at 0x421D1AA: compress_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421D932: _tr_flush_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216A84: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in

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/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891==
==7891== Use of uninitialised value of size 4
==7891== at 0x421CEA9: compress_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421D932: _tr_flush_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216A84: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891==
==7891== Use of uninitialised value of size 4
==7891== at 0x421CE87: compress_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421D932: _tr_flush_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216B0B: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891==
==7891== Use of uninitialised value of size 4

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==7891== at 0x421D1AA: compress_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421D932: _tr_flush_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216B0B: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFileIo::write(FairParSet*)
(FairDetParRootFileIo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891==
==7891== Use of uninitialised value of size 4
==7891== at 0x421CEA9: compress_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421D932: _tr_flush_block (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4216B0B: deflate_fast (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x421556D: deflate (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42127FA: R__zip (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5F06617: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFileIo::write(FairParSet*)
(FairDetParRootFileIo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891==
==7891== Syscall param write(buf) points to uninitialised byte(s)
==7891== at 0x9FC5F3: __write_nocancel (in /lib/tls/libpthread-2.3.4.so)
==7891== by 0x5EF0BEF: TFile::WriteBuffer(char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5F06CF7: TKey::WriteFile(int, TFile*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE3066: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in

```

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/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891== by 0x7EE8A37: FairRuntimeDb::writeContainers() (FairRuntimeDb.cxx:242)
==7891== by 0x7EEA2B4: FairRuntimeDb::saveOutput() (FairRuntimeDb.cxx:600)
==7891== by 0x7F018FC: G__ParBaseDict_237_0_31(G__value*, char const*, G__param*,
int) (ParBaseDict.cxx:5982)
==7891== Address 0x1C5DFD15 is 1,535,213 bytes inside a block of size 11,257,419 alloc'd
==7891== at 0x4004BBE: operator new[](unsigned) (vg_replace_malloc.c:197)
==7891== by 0x5F065AD: TKey::TKey(TObject const*, char const*, int, TDirectory*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EEDC88: TFile::CreateKey(TDirectory*, TObject const*, char const*, int) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5EE2F60: TDirectoryFile::WriteTObject(TObject const*, char const*, char
const*, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x41520E7: TObject::Write(char const*, int, int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4151F62: TObject::Write(char const*, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7EDA4C1: FairDetParRootFilelo::write(FairParSet*)
(FairDetParRootFilelo.cxx:70)
==7891== by 0x7EDE7E5: FairParGenericSet::write(FairParlo*) (FairParGenericSet.cxx:43)
==7891== by 0x7EE8E6A: FairRuntimeDb::writeContainer(FairParSet*, FairRtdbRun*,
FairRtdbRun*) (FairRuntimeDb.cxx:297)
==7891== by 0x7EE8A37: FairRuntimeDb::writeContainers() (FairRuntimeDb.cxx:242)
==7891== by 0x7EEA2B4: FairRuntimeDb::saveOutput() (FairRuntimeDb.cxx:600)
==7891== by 0x7F018FC: G__ParBaseDict_237_0_31(G__value*, char const*, G__param*,
int) (ParBaseDict.cxx:5982)

```

At the end:

Toggle Spoiler

RealTime=1009.809869 seconds, CpuTime=1002.530000 seconds

(int)58

root [1] .q

==7891==

==7891== ERROR SUMMARY: 32752 errors from 24 contexts (suppressed: 114960 from 4)

==7891== malloc/free: in use at exit: 119,525,403 bytes in 751,114 blocks.

==7891== malloc/free: 9,618,266 allocs, 8,867,152 frees, 1,272,826,713 bytes allocated.

==7891== For counts of detected errors, rerun with: -v

==7891== searching for pointers to 751,114 not-freed blocks.

==7891== checked 136,672,348 bytes.

==7891==

==7891==

==7891== 2 bytes in 1 blocks are definitely lost in loss record 4 of 390

==7891== at 0x4004405: malloc (vg_replace_malloc.c:149)

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==7891== by 0x47A1685: G__memfunc_para_setup (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x47A1DD1: G__parse_parameter_link (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x47A9E22: G__memfunc_setup_imp (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x47AA779: G__memfunc_setup (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4D859C4: G__cpp_setup_func3() (in
/home/spataro/jan10/tools/root/lib/libMathCore.so.5.26)
==7891== by 0x4D85D99: G__cpp_setup_funcG__MathCore (in
/home/spataro/jan10/tools/root/lib/libMathCore.so.5.26)
==7891== by 0x4D86D91: G__cpp_setupG__MathCore (in
/home/spataro/jan10/tools/root/lib/libMathCore.so.5.26)
==7891== by 0x4782AE4: G__call_setup_funcs (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4782DE5: G__main (in /home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4784BE3: G__init_cint (in /home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x41F5FD8: TCint::ResetAll() (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891==
==7891==
==7891== 20 bytes in 1 blocks are definitely lost in loss record 98 of 390
==7891== at 0x4004790: operator new(unsigned) (vg_replace_malloc.c:164)
==7891== by 0x41BC073: TObjArray::MakeIterator(bool) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x7F79700: FairMCApplication::AddParticles() (FairMCApplication.cxx:767)
==7891== by 0x12B3B90E: TGeant3::Init() (in
/home/spataro/jan10/transport/geant3/lib/tgt_linux/libgeant321.so)
==7891== by 0x7F76E32: FairMCApplication::InitMC(char const*, char const*)
(FairMCApplication.cxx:219)
==7891== by 0x7F9271A: FairRunSim::SetMCConfig() (FairRunSim.cxx:359)
==7891== by 0x7F906A4: FairRunSim::Init() (FairRunSim.cxx:164)
==7891== by 0x7FD1A1F: G__FairDict_746_0_4(G__value*, char const*, G__param*, int)
(FairDict.cxx:11195)
==7891== by 0x46FA1D2: Cint::G__ExceptionWrapper(int (*)(G__value*, char const*,
G__param*, int), G__value*, char*, G__param*, int) (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4792A9F: G__execute_call (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4792DB1: G__call_cppfunc (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x47748F2: G__interpret_func (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891==
==7891==
==7891== 46 bytes in 1 blocks are definitely lost in loss record 126 of 390
==7891== at 0x4004405: malloc (vg_replace_malloc.c:149)
==7891== by 0x4787D7A: G__register_sharedlib (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4813684: G__RegisterLibrary (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)

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==7891== by 0x4782953: G__add_setup_func (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4E373E0: G__cpp_setup_initG__Rint::G__cpp_setup_initG__Rint() (in
/home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x4E36CF6: __static_initialization_and_destruction_0(int, int) (in
/home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x4E36D58: _GLOBAL__I__ZN4ROOT20GenerateInitInstanceEPK5TRint (in
/home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x4E37B08: (within /home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x4E2151C: (within /home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x76B897: _dl_init (in /lib/ld-2.3.4.so)
==7891== by 0x75F7FE: (within /lib/ld-2.3.4.so)
==7891==
==7891==
==7891== 60 (28 direct, 32 indirect) bytes in 1 blocks are definitely lost in loss record 127 of
390
==7891== at 0x4004405: malloc (vg_replace_malloc.c:149)
==7891== by 0x47AA09B: G__memfunc_setup_imp (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x47AA779: G__memfunc_setup (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4D859C4: G__cpp_setup_func3() (in
/home/spataro/jan10/tools/root/lib/libMathCore.so.5.26)
==7891== by 0x4D85D99: G__cpp_setup_funcG__MathCore (in
/home/spataro/jan10/tools/root/lib/libMathCore.so.5.26)
==7891== by 0x4D86D91: G__cpp_setupG__MathCore (in
/home/spataro/jan10/tools/root/lib/libMathCore.so.5.26)
==7891== by 0x4782AE4: G__call_setup_funcs (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4D8EBB8:
G__cpp_setup_initG__MathCore::G__cpp_setup_initG__MathCore() (in
/home/spataro/jan10/tools/root/lib/libMathCore.so.5.26)
==7891== by 0x4D87478: __static_initialization_and_destruction_0(int, int) (in
/home/spataro/jan10/tools/root/lib/libMathCore.so.5.26)
==7891== by 0x4D87504: _GLOBAL__I__ZN4ROOT20GenerateInitInstanceEPK7TRandom
(in /home/spataro/jan10/tools/root/lib/libMathCore.so.5.26)
==7891== by 0x4DBD630: (within /home/spataro/jan10/tools/root/lib/libMathCore.so.5.26)
==7891== by 0x4CC1BFC: (within /home/spataro/jan10/tools/root/lib/libMathCore.so.5.26)
==7891==
==7891==
==7891== 40 bytes in 1 blocks are possibly lost in loss record 144 of 390
==7891== at 0x4004BBE: operator new[](unsigned) (vg_replace_malloc.c:197)
==7891== by 0x4176EFE: StrDup(char const*) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4186CF4: TSystem::Which(char const*, char const*, EAccessMode) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x420BC87: TUnixSystem::DynamicPathName(char const*, bool) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4333642: G__G__Base2_237_0_118(G__value*, char const*, G__param*,
int) (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x46FA1D2: Cint::G__ExceptionWrapper(int (*)(G__value*, char const*,
G__param*, int), G__value*, char*, G__param*, int) (in

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/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4792A9F: G__execute_call (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4792DB1: G__call_cppfunc (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x47748F2: G__interpret_func (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4760F27: G__getfunction (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x484A338: G__getstructmem (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4841F75: G__getvariable (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891==
==7891==
==7891== 60 bytes in 1 blocks are definitely lost in loss record 157 of 390
==7891== at 0x4004405: malloc (vg_replace_malloc.c:149)
==7891== by 0x4787D3C: G__register_sharedlib (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4813684: G__RegisterLibrary (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4782953: G__add_setup_func (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4E373E0: G__cpp_setup_initG__Rint::G__cpp_setup_initG__Rint() (in
/home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x4E36CF6: __static_initialization_and_destruction_0(int, int) (in
/home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x4E36D58: _GLOBAL__I__ZN4ROOT20GenerateInitInstanceEPK5TRint (in
/home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x4E37B08: (within /home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x4E2151C: (within /home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x76B897: _dl_init (in /lib/ld-2.3.4.so)
==7891== by 0x75F7FE: (within /lib/ld-2.3.4.so)
==7891==
==7891==
==7891== 200 bytes in 1 blocks are definitely lost in loss record 196 of 390
==7891== at 0x4004BBE: operator new[](unsigned) (vg_replace_malloc.c:197)
==7891== by 0x41A6792: TArrayl::Set(int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4136319: TColor::SetPalette(int, int*) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x417B5C1: TStyle::SetPalette(int, int*) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x417BB3B: TStyle::Reset(char const*) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x417C804: TStyle::TStyle(char const*, char const*) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x417D00B: TStyle::BuildStyles() (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x416EDCE: TROOT::TROOT(char const*, char const*, void (**)) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x416F0E1: ROOT::GetROOT() (in

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/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4171FA4: _GLOBAL__I_gROOTMutex (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x44E265C: (within /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x41074AC: (within /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891==
==7891==
==7891== 2,112 bytes in 33 blocks are possibly lost in loss record 287 of 390
==7891== at 0x4004BBE: operator new[](unsigned) (vg_replace_malloc.c:197)
==7891== by 0x417285B: TStorage::Alloc(unsigned) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x41BB30B: TObjArray::Init(int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x41BB918: TObjArray::TObjArray(int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x415819F: TPreRegexp::MatchS(TString const&, TString const&, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x94B5BA3: PndEmcStructure::crystal_name_analysis(TString, int&, int&, int&,
int&) (PndEmcStructure.cxx:230)
==7891== by 0x94B45E8: PndEmcStructure::PndEmcStructure(TGeoManager*)
(PndEmcStructure.cxx:97)
==7891== by 0x94B34D5: PndEmcStructure::Instance() (PndEmcStructure.cxx:70)
==7891== by 0x948C0EB: PndEmcHitProducer::Init() (PndEmcHitProducer.cxx:109)
==7891== by 0x7F93752: FairTask::InitTask() (FairTask.cxx:41)
==7891== by 0x7F93AED: FairTask::InitTasks() (FairTask.cxx:111)
==7891== by 0x7F937EE: FairTask::InitTask() (FairTask.cxx:48)
==7891==
==7891==
==7891== 4,358 bytes in 101 blocks are definitely lost in loss record 312 of 390
==7891== at 0x4004BBE: operator new[](unsigned) (vg_replace_malloc.c:197)
==7891== by 0x4176EFE: StrDup(char const*) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4186CF4: TSystem::Which(char const*, char const*, EAccessMode) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x420BC87: TUnixSystem::DynamicPathName(char const*, bool) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4333642: G__G__Base2_237_0_118(G__value*, char const*, G__param*,
int) (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x46FA1D2: Cint::G__ExceptionWrapper(int (*)(G__value*, char const*,
G__param*, int), G__value*, char*, G__param*, int) (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4792A9F: G__execute_call (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4792DB1: G__call_cppfunc (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x47748F2: G__interpret_func (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4760F27: G__getfunction (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x484A338: G__getstructmem (in
/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891== by 0x4841F75: G__getvariable (in

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/home/spataro/jan10/tools/root/lib/libCint.so.5.26)
==7891==
==7891==
==7891== 6,717 bytes in 267 blocks are possibly lost in loss record 320 of 390
==7891== at 0x4004790: operator new(unsigned) (vg_replace_malloc.c:164)
==7891== by 0xC17971: std::string::_Rep::_S_create(unsigned, unsigned,
std::allocator<char> const&) (in /usr/lib/libstdc++.so.6.0.3)
==7891== by 0xC19DF4: (within /usr/lib/libstdc++.so.6.0.3)
==7891== by 0xC19F01: std::string::string(char const*, std::allocator<char> const&) (in
/usr/lib/libstdc++.so.6.0.3)
==7891== by 0xB2927FD: TMVA::Types::Types() (in
/home/spataro/jan10/tools/root/lib/libTMVA.so.5.26)
==7891== by 0xB21860C:
_GLOBAL__I__ZN55_GLOBAL__N_tmva_src_MethodTMlpANN.cxx_CF4CBC2E_A20A69E5
1_9CreateMethodTMlpANNERK7TStringS2_RN4TMVA11DataSetInfoES2_ (in
/home/spataro/jan10/tools/root/lib/libTMVA.so.5.26)
==7891== by 0xB3C9BEC: (within /home/spataro/jan10/tools/root/lib/libTMVA.so.5.26)
==7891== by 0xB0FEB8: (within /home/spataro/jan10/tools/root/lib/libTMVA.so.5.26)
==7891== by 0x76B897: _dl_init (in /lib/ld-2.3.4.so)
==7891== by 0x87952E: dl_open_worker (in /lib/tls/libc-2.3.4.so)
==7891== by 0x76B66D: _dl_catch_error (in /lib/ld-2.3.4.so)
==7891== by 0x879AA7: _dl_open (in /lib/tls/libc-2.3.4.so)
==7891==
==7891==
==7891== 16,220 bytes in 135 blocks are possibly lost in loss record 335 of 390
==7891== at 0x4004BBE: operator new[](unsigned) (vg_replace_malloc.c:197)
==7891== by 0x5F0EA2F: TStreamerInfo::Compile() (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5F18FDF: TStreamerInfo::BuildOld() (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5ED8CCD: TBufferFile::ReadClassBuffer(TClass const*, void*, TClass
const*) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x66D7045: TGeoTubeSeg::Streamer(TBuffer&) (in
/home/spataro/jan10/tools/root/lib/libGeom.so.5.26)
==7891== by 0x41C9A1F: TClass::Streamer(void*, TBuffer&, TClass const*) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x5ED6A13: TBufferFile::ReadObjectAny(TClass const*) (in
/home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5ED5400: TBufferFile::ReadFastArray(void**, TClass const*, int, bool,
TMemberStreamer*, TClass const*) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5F8F480: int TStreamerInfo::ReadBuffer<char**>(TBuffer&, char** const&,
int, int, int, int) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x5ED8A92: TBufferFile::ReadClassBuffer(TClass const*, void*, TClass
const*) (in /home/spataro/jan10/tools/root/lib/libRIO.so.5.26)
==7891== by 0x66CDC79: TGeoBoolNode::Streamer(TBuffer&) (in
/home/spataro/jan10/tools/root/lib/libGeom.so.5.26)
==7891== by 0x67939F6: TGeoBoolNode::StreamerNVirtual(TBuffer&) (in
/home/spataro/jan10/tools/root/lib/libGeom.so.5.26)
==7891==
==7891==
==7891== 37,268 bytes in 388 blocks are possibly lost in loss record 348 of 390
==7891== at 0x4004790: operator new(unsigned) (vg_replace_malloc.c:164)

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==7891== by 0x4172F35: TStorage::ObjectAlloc(unsigned) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4205179: TObject::operator new(unsigned) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x42E5965: ROOT::TQObjectInitBehavior::CreateClass(char const*, short,
std::type_info const&, TVirtualsAProxy*, void (*)(void*, TMemberInspector&, char*), char
const*, char const*, int, int) const (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x41DDBD8: ROOT::TGenericClassInfo::GetClass() (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x70E45BB: TPad::Dictionary() (in
/home/spataro/jan10/tools/root/lib/libGpad.so.5.26)
==7891== by 0x41711FE: TROOT::LoadClass(char const*, bool) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x415533C: TPluginHandler::LoadPlugin() (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4127C68: TApplication::LoadGraphicsLibs() (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x41264B5: TApplication::InitializeGraphics() (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x41878B9: TSystem::Load(char const*, char const*, bool) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x420844B: TUnixSystem::Load(char const*, char const*, bool) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891==
==7891==
==7891== 1,188,501 bytes in 27,888 blocks are possibly lost in loss record 381 of 390
==7891== at 0x4004BBE: operator new[](unsigned) (vg_replace_malloc.c:197)
==7891== by 0x417381B: TStringRef::GetRep(int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4173B13: TString::TString(char const*) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x41AEDD7: TClassTable::Add(char const*, short, std::type_info const&, void
(*)(), int) (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x41AEE60: ROOT::AddClass(char const*, short, std::type_info const&, void
(*)(), int) (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x41E0144: ROOT::TDefaultInitBehavior::Register(char const*, short,
std::type_info const&, void (*)(), int) const (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x41DD2ED: ROOT::TGenericClassInfo::Init(int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x41DEE9D: ROOT::TGenericClassInfo::TGenericClassInfo(char const*, int,
char const*, int, std::type_info const&, ROOT::TInitBehavior const*, void (*)(),
TVirtualsAProxy*, int, int) (in /home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x4E30A89: ROOT::GenerateInitInstanceLocal(TRint const*) (in
/home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x4E36CAD: __static_initialization_and_destruction_0(int, int) (in
/home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x4E36D58: _GLOBAL__I__ZN4ROOT20GenerateInitInstanceEPK5TRint (in
/home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891== by 0x4E37B08: (within /home/spataro/jan10/tools/root/lib/libRint.so.5.26)
==7891==
==7891==

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```
==7891== 11,260,046 (5,555,240 direct, 5,704,806 indirect) bytes in 62,034 blocks are
definitely lost in loss record 387 of 390
==7891== at 0x4004790: operator new(unsigned) (vg_replace_malloc.c:164)
==7891== by 0x4172F35: TStorage::ObjectAlloc(unsigned) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x415818F: TPreRegex::MatchS(TString const&, TString const&, int, int) (in
/home/spataro/jan10/tools/root/lib/libCore.so.5.26)
==7891== by 0x94B5BA3: PndEmcStructure::crystal_name_analysis(TString, int&, int&, int&,
int&) (PndEmcStructure.cxx:230)
==7891== by 0x94B45E8: PndEmcStructure::PndEmcStructure(TGeoManager*)
(PndEmcStructure.cxx:97)
==7891== by 0x94B34D5: PndEmcStructure::Instance() (PndEmcStructure.cxx:70)
==7891== by 0x948C0EB: PndEmcHitProducer::Init() (PndEmcHitProducer.cxx:109)
==7891== by 0x7F93752: FairTask::InitTask() (FairTask.cxx:41)
==7891== by 0x7F93AED: FairTask::InitTasks() (FairTask.cxx:111)
==7891== by 0x7F937EE: FairTask::InitTask() (FairTask.cxx:48)
==7891== by 0x7F93AED: FairTask::InitTasks() (FairTask.cxx:111)
==7891== by 0x7F937EE: FairTask::InitTask() (FairTask.cxx:48)
==7891==
==7891== LEAK SUMMARY:
==7891== definitely lost: 5,559,954 bytes in 62,141 blocks.
==7891== indirectly lost: 5,704,838 bytes in 213,009 blocks.
==7891== possibly lost: 1,250,858 bytes in 28,712 blocks.
==7891== still reachable: 107,009,753 bytes in 447,252 blocks.
==7891== suppressed: 0 bytes in 0 blocks.
==7891== Reachable blocks (those to which a pointer was found) are not shown.
==7891== To see them, rerun with: --show-reachable=yes
```

In the init, I think they should not be so "heavy", even if maybe it would be better to fix them.

In the exec, after Mohammad changes I can see that PndEmcStructure is a quite huge guy, but I have no idea on how to fix it.

The other messages seem to come from root, apart FairMCApplication.cxx line 767, another iterator.

Now I try to run 10k DPM events, hoping that nothing will crash...
Any clue for the PndEmcStructure point?