
Subject: Problem with GeoHandling
Posted by [Sebastian Neubert](#) on Thu, 07 Apr 2011 13:56:08 GMT
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Dear colleagues,

I am currently trying to check the production chain with the TPC in order to prepare for the coming simulation campaigns and run into the error listed below. Do you have an idea what is going on?

Also we noticed that lately (r11177) there was a major redesign of the file-handling and the ErrorLogging. May this have to do with the observed crash? Has anybody been able to run with the new version of the code?

Cheers! Sebastian.

```
OBJ: FairRuntimeDb FairRuntimeDb Class for runtime database
Info in (PndGeoHandling::Instance): Making a new instance using the framework.
[INFO ] Opening log file: ./FairLogfile_18562.log
```

```
[INFO ] The input consists out of the following trees and files:
[INFO ] - cbmsim
[INFO ] - TEST/Test15deg.raw.root
[INFO ] - FriendTree_1
[INFO ] - TEST/Test15deg.mc.root
-l- Geometry was not found in the input file we will look in the friends if any!
[INFO ] The number of entries in chain is 1000
```

```
*****
initialisation for run id 856637249
*****
Error in <FairBaseParSet::init()>: FairBaseParSet not initialized
Error in <FairRuntimeDb::initContainers()>: Error occured during initialization
PndTpcClusterFinderTask::SetParContainers
Fatal in <PndGeoHandling::PndGeoHandling>: No gGeoManager found.
aborting
```

Subject: Re: Problem with GeoHandling
Posted by [Florian Uhlig](#) on Thu, 07 Apr 2011 14:04:56 GMT
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Hi Sebastian

Where did you store your parameter containers? The problem is that the parameter containers are not found and you end up without the geomanager.

Normally the containers are in a separate root file.

Ciao

Florian

Subject: Re: Problem with GeoHandling
Posted by [Sebastian Neubert](#) on Thu, 07 Apr 2011 14:09:26 GMT
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Hi Florian,

thanks for the quick reply!
My parameters are in
TEST/Test15deg.raw.param.root
TEST/Test15deg.mc.param.root

The scheme I use works when reading in the MC for Digitization but it fails when I try to read in the digi stuff into the reco.

Sebastian.

Subject: Re: Problem with GeoHandling
Posted by [Florian Uhlig](#) on Thu, 07 Apr 2011 14:16:17 GMT
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Hi Sebastian

In principle the idea behind the parameters is to store all in a single database. With the unique runid you can get the parameters from this database. Since up to now there is no such database we still use the root files to store the required information. But also here the idea is to have only one file for a set of input data. So any additional parameter container is stored in the same parameter file.

Could you please try to use the same parameter file for the complete chain of macros. This should solve the problem.

Ciao

Florian

Subject: Re: Problem with GeoHandling
Posted by [Sebastian Neubert](#) on Thu, 07 Apr 2011 14:16:59 GMT
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Hi!

I have found the problem... I missed to add the mc.param.root as input to the database. Also I tried to instantiate GEANE before I loaded the param database.

Now it seems to work.

Cheers! Sebastian.

Subject: Re: Problem with GeoHandling

Posted by [Sebastian Neubert](#) on Thu, 07 Apr 2011 14:26:20 GMT

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Florian,

yes, this mode, using only one file, which is updated on every processing step, was what I was using so far. I only tried to use several files while debugging this issue.

But it's nice that you reconfirm, that the system should work like that, with a single database root file.

Cheers! Sebastian.
