Subject: Error: dlopen error when running the root macro to execute MC
Posted by Huagen Xu on Wed, 06 May 2009 06:42:24 GMT
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Dear everybody,

I came across the problem when I tried to run the simulation for detector LMD. The error message was listed below:

```
************************************************************
root [0]
Processing gconfig/rootlogon.C...
- RTDB container factory FairBaseContFact
- RTDB container factory PndFieldContFact
- RTDB container factory PndPassiveContFact

PSaid instance created...  access via gSaid->f()

- RTDB container factory PndRpcContFact
dlopen error: /home/huagen/fairroot/cbuild/lib/libLmd.so: undefined symbol: _ZTI9PndLmdGeo
Load Error: Failed to load Dynamic link library /home/huagen/fairroot/cbuild/lib/libLmd.so
(int)(-1)
*** Interpreter error recovered ***
root [1]
************************************************************
```

Several things could be confirmed:
1. The class PndLmdGeo was definitely defined.
2. The class PndLmdGeo was invoked in the class PndLmd, the header file was included in the PndLmd.h file
3. The libLmd.so was created in the Cbuild/lib after compilation.

Would you give some hints for this troubleshooting? Attached is the code for your information.

Best Regards!
Huagen Xu
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File Attachments

1) PndLmd.cxx, downloaded 498 times
2) PndLmdGeo.cxx, downloaded 523 times
3) PndLmd.h, downloaded 496 times
4) PndLmdGeo.h, downloaded 507 times