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 370 times
- 2) PndLmdGeo.cxx, downloaded 397 times
- 3) PndLmd.h, downloaded 378 times
- 4) PndLmdGeo.h, downloaded 385 times