Subject: Re: My updated fairtools library not loading
Posted by Raghav Kunnawalkam on Sat, 23 Jun 2012 14:54:03 GMT
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Hi Stefano

Thanks for your quick reply. I have given here different orders of loading libraries and their corresponding error messages.
1)
```
   gSystem->Load("libFairDB");
   gSystem->Load("libGeoBase");
   gSystem->Load("libProof");
   gSystem->Load("libProofPlayer");
   gSystem->Load("libParBase");
   gSystem->Load("libBase");
   gSystem->Load("libGen");
   gSystem->Load("libfield");
   gSystem->Load("libMCStack");
   gSystem->Load("libFairTools");

Processing eic_reco.C...
dyld: lazy symbol binding failed: Symbol not found: __ZN10FairLogger9GetLoggerEv
  Referenced from: /Users/raghav/fairroot/build/lib/libParBase.so
  Expected in: flat namespace

dyld: Symbol not found: __ZN10FairLogger9GetLoggerEv
  Referenced from: /Users/raghav/fairroot/build/lib/libParBase.so
  Expected in: flat namespace
```

2)
```
   gSystem->Load("libFairDB");
   gSystem->Load("libGeoBase");
   gSystem->Load("libProof");
   gSystem->Load("libProofPlayer");
   gSystem->Load("libParBase");
   gSystem->Load("libFairTools");
   gSystem->Load("libBase");
   gSystem->Load("libGen");
   gSystem->Load("libfield");
   gSystem->Load("libMCStack");

Processing eic_reco.C...
dlopen error: dlopen(/Users/raghav/fairroot/build/lib/libFairTools.so, 9): Symbol not found:
__ZN10VAbsFitter6FitAllEv
  Referenced from: /Users/raghav/fairroot/build/lib/libFairTools.so
  Expected in: flat namespace
 in /Users/raghav/fairroot/build/lib/libFairTools.so
Load Error: Failed to load Dynamic link library /Users/raghav/fairroot/build/lib/libFairTools.so
(int)(-1)
root [1]
```

3)
```
   gSystem->Load("libFairDB");
```

```
   gSystem->Load("libGeoBase");
   gSystem->Load("libProof");
   gSystem->Load("libProofPlayer");
   gSystem->Load("libBase");
   gSystem->Load("libMCStack");
   gSystem->Load("libGen");
   gSystem->Load("libfield");
   gSystem->Load("libParBase");
   gSystem->Load("libFairTools");

Processing eic_reco.C...
dlopen error: dlopen(/Users/raghav/fairroot/build/lib/libBase.so, 9): Symbol not found:
__ZN10FairParSet4initEv
  Referenced from: /Users/raghav/fairroot/build/lib/libBase.so
  Expected in: flat namespace
 in /Users/raghav/fairroot/build/lib/libBase.so
Load Error: Failed to load Dynamic link library /Users/raghav/fairroot/build/lib/libBase.so
(int)(-1)
root [1]

4)    gSystem->Load("libFairDB");
   gSystem->Load("libGeoBase");
   gSystem->Load("libProof");
   gSystem->Load("libProofPlayer");
   gSystem->Load("libParBase");
   gSystem->Load("libfield");
   gSystem->Load("libGen");
   gSystem->Load("libBase");
   gSystem->Load("libMCStack");
   gSystem->Load("libFairTools");

Processing eic_reco.C...
dlopen error: dlopen(/Users/raghav/fairroot/build/lib/libfield.so, 9): Symbol not found:
__ZN9FairField13GetFieldValueEPKdPd
  Referenced from: /Users/raghav/fairroot/build/lib/libfield.so
  Expected in: flat namespace
 in /Users/raghav/fairroot/build/lib/libfield.so
Load Error: Failed to load Dynamic link library /Users/raghav/fairroot/build/lib/libfield.so
(int)(-1)
root [1]
```

I am still trying possible combinations and not getting anything to work, so i am attaching that particular library (i dont know how helpful that is), and my macro.

Can you please tell me if there is anything else that i should try and what is causing these types of problems. Is there dependency of these libraries in the order that i create them or there is something to do with the list of directories that are included in the cmake file.

Once again thanks a lot

Cheers
Raghav

File Attachments

1) eic_reco.C, downloaded 499 times
2) libFairTools.0.0.0.so, downloaded 497 times
3) libFairTools.0.0.0.so, downloaded 477 times