
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 326 times
 - 2) [libFairTools.0.0.0.so](#), downloaded 302 times
 - 3) [libFairTools.0.0.0.so](#), downloaded 286 times
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