
Subject: Event Display in fairroot

Posted by [Raghav Kunnawalkam](#) on Mon, 27 Feb 2012 21:32:53 GMT

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Hi All

I am trying to create a simple EIC detector based on fairroot and i am starting with the examples in fairroot. The example rutherford was pretty simple to understand and i got the run_rutherford.C to run pretty well.

But there are 2 things that i do not understand.

1. I am not able to see the root histograms in the output file test.mc.root, I would like to know where i can go and create my own root output file with say a histogram showing the range in angle phi (which would be the most obvious plot for look at for this experiment).

2. Event display seems to be a big problem.

a. first of all inside eventdisplay.C i see that it loads a library libCbmRutherford.so which i do not have in my system. I am pretty sure that i do not create it also.

b. Secondly, there are lots of problems with it loading libraries. when i commented out gsystem->Load("libCbmRutherford"); root gives me an error saying

Processing eventDisplay.C...

dyld: lazy symbol binding failed: Symbol not found: __ZN10FairLogger9GetLoggerEv

Referenced from: /Users/raghav/fairroot/build/lib/libParBase.so

Expected in: flat namespace

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Expected in: flat namespace

I can assure you that i have all these files linked properly and available at their location.

My system is Mac OS X 10.7.3 (64bit) and XCode 4.2.1.

Any help will be appreciated.

Many thanks