
Subject: linking GNU scientific library

Posted by [Anonymous Poster](#) on Tue, 15 Apr 2008 13:54:34 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello everybody,

the gsl has become part of the external packages. I would like to use it in genfit now, but the makefile architecture and the LD_LIBRARY_PATH are not set up correctly.

Can somebody please fix this?

Cheers, Christian

Subject: Re: linking GNU scientific library

Posted by [Mohammad Al-Turany](#) on Tue, 15 Apr 2008 14:35:35 GMT

[View Forum Message](#) <> [Reply to Message](#)

but the makefile architecture and the LD_LIBRARY_PATH are not set up correctly.

Can somebody please fix this?

libgsl can be added to the LD_LIBRARY_PATH, but what does "makefile architecture" means?

Mohammad

Subject: Re: linking GNU scientific library

Posted by [Anonymous Poster](#) on Tue, 15 Apr 2008 14:49:04 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi Mohammad,

thanks for your answer. Yes it should be included in the LD_LIBRARY_PATH by config.sh.

I can link it by for example putting

```
target_link_libraries(genfit -L${SIMPATH}/basics/lib/gsl/lib -lgsl -lgslcblas)
```

into the CMakeLists.txt. What I meant by makefile architecture was that when I do cmake I get all this stuff like "check for ROOT". There is nothing about gsl and also insise CMakelists I dont have variables like \${CMAKE_LIB_DIR} or so. But my solution is OK IO think.

But I found one more problem: Since on my system I have the gsl installed even in /usr/lib, an ldd on the libgenfit.so will show, that the lib linked at runtime will be NOT the one from the external packages. How can I change this?

Bye, Christian
