Subject: linking GNU scientic library
Posted by Anonymous Poster on Tue, 15 Apr 2008 13:54:34 GMT
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Hello everybody,

the gsl has become part of the external packages. I would like to use it in genfit now, but the makefile architecure and the LD_LIBRARY_PATH are not set up correctly.
Can somebody please fix this?

Cheers, Christian

Subject: Re: linking GNU scientic library
Posted by Mohammad Al-Turany on Tue, 15 Apr 2008 14:35:35 GMT
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but the makefile architecure 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 scientic library
Posted by Anonymous Poster on Tue, 15 Apr 2008 14:49:04 GMT
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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