Subject: missing library - linking error
Posted by pippo on Tue, 30 Oct 2007 16:26:51 GMT
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I'm compiling a simple program and I'm using a time variable.
I'm including <time.h> because I want to use the clock_gettime() function to retrieve the system time clock.
The only think I get back it's a linking error reported below:

Linking...
/home/user/upp/out/CodaArtigianale/GCC.Debug.Gui.Main.Mt.Shared/CodaArtigianale.o: In function `MS_CodaArtig::funzione_suo()':
CodaArtigianale.cpp:(.text+0x49): undefined reference to `clock_gettime'
collect2: ld returned 1 exit status

There were errors. (0:04.00)

Can someone say to me which library I have to include in my project?

Subject: Re: missing library - linking error
Posted by willysignori on Wed, 31 Oct 2007 17:11:21 GMT
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Hi PIPPO,

the "clock_gettime()" is inserted into the library LIBRT (Ubuntu 7.04).
Often it's used the function "gettimeofday" with less resolution (microsecond instead of nanosecond) but enough for most of applications.
Under U++ you have to add the library to your project; to do this you have to:
1) menu PROJECT -> Package organizer
2) on the right frame, click right mouse button and add new LIBRARY row
3) type "rt" (to link "librt" library, because suffix "lib" is "added" by default by GNU linker) and press OK

Bye.