
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.
