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Subject: external library

Posted by [Mq35](#) on Sat, 02 Jan 2016 20:50:18 GMT

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I wrote a test win32 console app. I connected to it external libraries. When i compile the project occurs the error: "xx.lib: error adding symbols: File in wrong format". What keys should I use to get rid of errors?

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Subject: Re: external library

Posted by [koldo](#) on Sun, 03 Jan 2016 10:05:35 GMT

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Hello Mq35

The information you have given us is very scarce... Probably you are using MinGW in Windows, is that so?

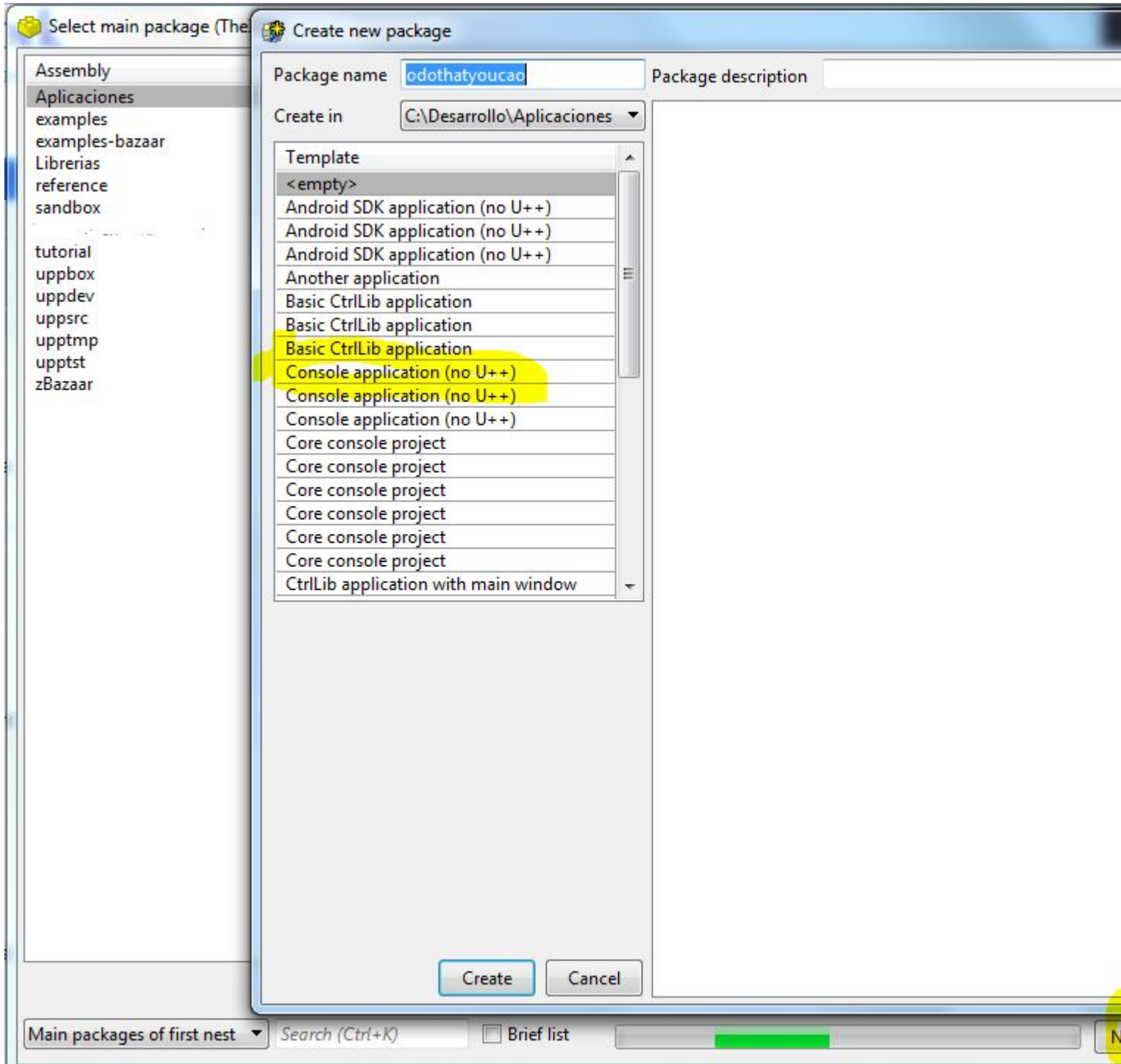
Maybe you could try first a hello application with plain C (no U++), link to it the libraries, one by one, to see what is the one that is the source of the problem. To do that you can open TheIDE, click on "New package" (lower right side), and choose "Console application (no U++)"

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### File Attachments

1) [sc.JPG](#), downloaded 937 times

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Subject: Re: external library

Posted by [Mq35](#) on Sun, 03 Jan 2016 10:58:11 GMT

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I download stable version TheIDE with MINGW. And, I using it in Windows 10 pro (x64). This problem occurs in my "Console application (no U++)". It is little programm (sample) for test

the usb module (UMFT4222EV). But I do not linked it.

Maybe do I need any keys for linker?

sorry, my english is very bad

### File Attachments

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1) [1.jpg](#), downloaded 952 times

Test.cpp

```
#include <vector>
#include <iostream>
```

Build methods

Method	Builder:
MINGW	GCC
MINGWx64	

Tools

Compiler name:  External debugger:

Common options:

Common C++ options:

Common C options:

Common link options:

Common fixed flags:

Debug mode defaults

Default debug info level:   Use BLITZ  All static

Debug options:

Debug fixed flags:

Debug link options:

Release mode defaults

Use BLITZ  All static

Optimize for speed:

Optimize for size:

Release fixed flags:

Release link options:

Allow precompiled headers

PATH - executable directories INCLUDE directories LIB directories

D:\upp\bin/TDM64/i686-w64-mingw32/lib32  
D:\upp\bin/TDM64/opt/lib32  
D:\upp\MyApps\UMFT4222EV\ftd2xx\i386  
D:\upp\MyApps\UMFT4222EV\LibFT4222\lib\i386

Lock link mode

Script file:

Store all target files in the same directory

Set as default

D:\upp\MyApps\UMFT4222EV\ftd2xx\i386\ftd2xx.lib: error adding symbols: File in use  
collect2.exe: error: ld returned 1 exit status

Subject: Re: external library  
Posted by [Mq35](#) on Sun, 03 Jan 2016 12:57:54 GMT  
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I'll appreciate if someone explain me how to correct the error of the linker

#### File Attachments

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1) [MyApps.zip](#), downloaded 388 times

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Subject: Re: external library  
Posted by [koldo](#) on Sun, 03 Jan 2016 13:27:23 GMT  
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Hello Mq35

Program runs successfully with TDM MinGW and MSC15 32 bits, just by using your files unchanged.

Message printed is: No FT4222 device is found!, as it seems my computer does not have any FDTI chip. Before running it I should have to download the dll and lib from previous link in FDTI (Future Technology Devices Intl.), as the ftd2xx.dll file was not in the .zip.

This is the screenshot of my "Build Methods". Please try with it:

#### File Attachments

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1) [capt.JPG](#), downloaded 920 times

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Builder:	GCC	
Tools		
Compiler name:	<input type="text"/>	External debugger: gdb
Common options		
Common C++ options	-std=c++11	
Common C options	<input type="text"/>	
Common link options	<input type="text"/>	
Common fixed flags	<input type="text"/>	
Debug mode defaults		
Default debug info level:	Full	<input type="checkbox"/> Use BLITZ <input checked="" type="radio"/> All static
Debug options	-O0 -gstabs	
Debug fixed flags	<input type="text"/>	
Debug link options	<input type="text"/>	
Release mode defaults		
<input checked="" type="checkbox"/> Use BLITZ	<input checked="" type="radio"/> All static	
Optimize for speed	-O3 -ffunction-sections -fdata-sections	
Optimize for size	-Os -finline-limit=20 -ffunction-sections -fdata-sections	
Release fixed flags	<input type="text"/>	
Release link options	-Wl,--gc-sections	
<input checked="" type="checkbox"/> Allow precompiled headers		

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Subject: Re: external library  
Posted by [Mq35](#) on Sun, 03 Jan 2016 14:04:49 GMT  
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Unfortunately not linked

What do i do not correctly?

### File Attachments

1) [2.jpg](#), downloaded 903 times

Builder: GCC

Tools  
 Compiler name:  External debugger:

Common options:

Common C++ options:

Common C options:

Common link options:

Common fixed flags:

Debug mode defaults  
 Default debug info level:   Use BLITZ  All static  Shared libs  All shared

Debug options:

Debug fixed flags:

Debug link options:

Release mode defaults  
 Use BLITZ  All static  Shared libs  All shared

Optimize for speed:

Optimize for size:

Release fixed flags:

Release link options:

Allow precompiled headers

PATH - executable directories   INCLUDE directories   LIB directories

D:\upp\bin\TDM64\i686-w64-mingw32\lib32  
 D:\upp\bin\TDM64\opt\lib32  
 D:\upp\MyApps\UMFT4222EV\ftd2xx\amd64  
 D:\upp\MyApps\UMFT4222EV\Lib\FT4222\lib\amd64

OK   Cancel

Line	Message (1 error, 1 warning)
72	warning: cast to pointer from integer of different size [-Wint-to-pointer-cast]
	<b>Linking has failed</b>
	D:\upp\MyApps\UMFT4222EV\ftd2xx\amd64\ftd2xx.lib: error adding symbols: File in wrong format
	collect2.exe: error: ld returned 1 exit status

Subject: Re: external library

Posted by [Novo](#) on Sun, 03 Jan 2016 15:14:16 GMT

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You are trying to link 32-bit and 64-bit code.

BTW, TDM MinGW 5.1 is producing broken code. Try to use versions 4.8 or 4.9.

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Subject: Re: external library  
Posted by [koldo](#) on Sun, 03 Jan 2016 15:30:07 GMT  
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True. In fact you have changed the lib folders from first screenshot (32 bits) to the second one (64 bits).

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Subject: Re: external library  
Posted by [Mq35](#) on Sun, 03 Jan 2016 16:01:43 GMT  
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It is VICTORY!!!  
I download MinGW-w64 v5.3 and all is linked.  
Thanks all!!!

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Subject: Re: external library  
Posted by [koldo](#) on Mon, 04 Jan 2016 15:37:36 GMT  
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