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?

Subject: Re: external library
Posted by koldo on Sun, 03 Jan 2016 10:05:35 GMT

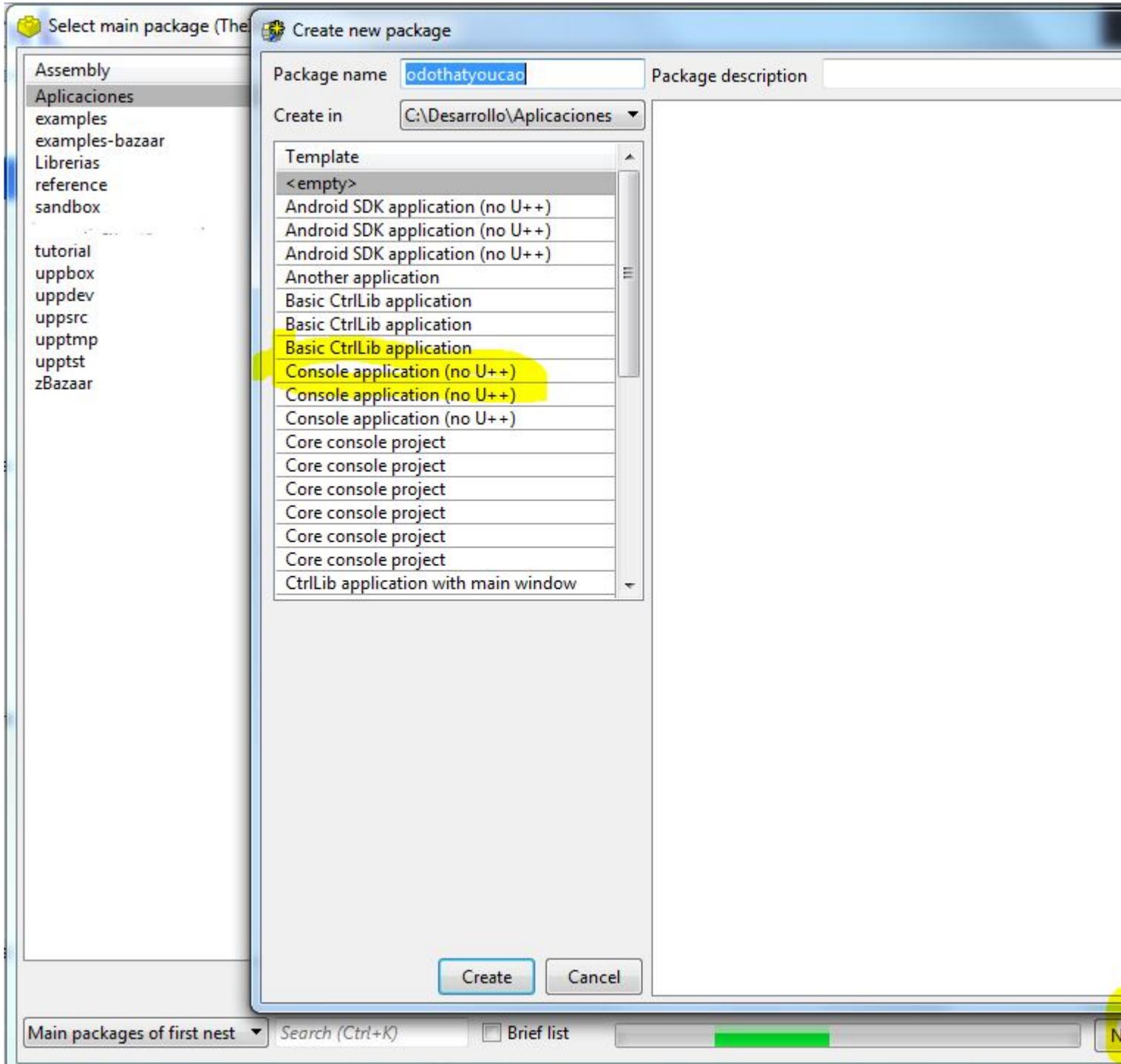View Forum Message <> Reply to Message

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++)"

File Attachments
1) sc.JPG, downloaded 940 times

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
1) 1.jpg, downloaded 955 times

Test

- <prj-aux>
- <ide-aux>
- <temp-aux>
- <meta>

Test.cpp

MINGW Debug

Symbol/lineno (Ctrl+(

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

Build methods

Builder: GCC

Method
MINGW
MINGWx64

Tools

Compiler name: [   ]   External debugger: [gdb]

Common options   [-msse2 -m32]
Common C++ options   [-std=c++11]
Common C options   [   ]
Common link options   [-m32]
Common fixed flags   [   ]

Debug mode defaults

Default debug info level: [Full ▾]   ☑ Use BLITZ   ⦿ All static ○

Debug options   [-O0 -ggdb]
Debug fixed flags   [   ]
Debug link options [   ]

Release mode defaults

☐ Use BLITZ   ⦿ All static ○

Optimize for speed   [-O1 -ffunction-sections]
Optimize for size   [-Os -O1 -finline-limit=20 -ffunction-sections]
Release fixed flags [   ]
Release link options [-Wl,--gc-sections]

☑ Allow precompiled headers

☐ Lock link mode

Script file:
[▸]

☐ Store all target files
  in the same directory

[Set as default]

| 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

D:\upp\MyApps\UMFT4222EV\ftd2xx\i386\ftd2xx.lib: error adding symbols: File in
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
1) MyApps.zip, downloaded 388 times

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
1) capt.JPG, downloaded 924 times

Builder: GCC

Tools
Compiler name: [ ]   External debugger: gdb

Common options [ ]
Common C++ options -std=c++11
Common C options [ ]
Common link options [ ]
Common fixed flags [ ]

Debug mode defaults
Default debug info level: Full ▼   ☐ Use BLITZ   ◉ All static

Debug options -O0 -gstabs
Debug fixed flags [ ]
Debug link options [ ]

Release mode defaults
☑ Use BLITZ   ◉ All static

Optimize for speed -O3 -ffunction-sections -fdata-sections
Optimize for size -Os -finline-limit=20 -ffunction-sections -fdata-sections
Release fixed flags [ ]
Release link options -Wl,--gc-sections

☑ Allow precompiled headers

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 905 times

Builder: GCC

Tools
Compiler name: [   ]   External debugger: [gdb   ]

Common options   [   ]
Common C++ options   [-std=c++11   ]
Common C options   [   ]
Common link options   [   ]
Common fixed flags   [   ]

Debug mode defaults
Default debug info level: [Full   ▼]   ☐ Use BLITZ   ◉ All static ○ Shared libs ○ All shared

Debug options   [-O0 -gstabs   ]
Debug fixed flags   [   ]
Debug link options   [   ]

Release mode defaults
☑ Use BLITZ   ◉ All static ○ Shared libs ○ All shared

Optimize for speed   [-O3 -ffunction-sections -fdata-sections   ]
Optimize for size   [-Os -finline-limit=20 -ffunction-sections -fdata-sections]
Release fixed flags   [   ]
Release link options   [-Wl,--gc-sections   ]

☑ 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\LibFT4222\lib\amd64

[OK] [Cancel]

	Line	Message (**1 error**, 1 warning)
	72	warning: cast to pointer from integer of different size [-Wint-to-pointer-cast]
		Linking has failed
		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.

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).

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!!!

Subject: Re: external library
Posted by koldo on Mon, 04 Jan 2016 15:37:36 GMT
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