

Forum:[Hack Forums](#)

Thread: [using libcurl \(having some .dll missing\)](#)

pmtobefriend - October 21, 2018, 2:07 pm

So I'm having issue getting libcurl up on visual studio 2017

I download the x86(32bit) version on this page for windows <https://curl.haxx.se/download.html>

(this one to be exact)

I make a dependencies folder

And I take what I got from libcurl 32bit binary (lib and include folder)
inside it

inside the lib one

inside the include one

I then add them to my console app project

<https://i.imgur.com/pySw1wx.png> (include one)

<https://i.imgur.com/VJGHAME.png> (lib one)

so now I try to build it <https://i.imgur.com/R9BWTQz.png>

seems to work, no errors, and then when I do ctrl + f5 , I get dll errors
libcurl.dll missing and few others

What to do ? ?

edit; couldn't figure out statically so

I just did it as a dynamic link library

and it worked fine. so gucci gang on me boys!!

0xDEAD10CC - October 21, 2018, 3:46 pm

#define CURL_STATICLIB needs to be used to use static libraries for curl IIRC. You can add this to the preprocessor definitions location.

pmtobefriend - October 21, 2018, 3:55 pm

(Oct 21, 2018 03:46 PM)0xDEAD10CC Wrote: [\[CITE\]](#) #DEFINE CURL_STATICLIB needs to be used

to use static libraries for curl IIRC. You can add this to the preprocessor definitions location.

is this the way to do it?

because

Also, where to find that information on the official website?

0xDEAD10CC - October 21, 2018, 5:11 pm

No.. That's how you'd do it in source code, I'd read the docs to see how these options work.

pmtobefriend - October 21, 2018, 5:44 pm

Added to source code, same problem when opening the file, alot of .dll errors.
and on libcurl docs..dont see anything about .dll files

0xDEAD10CC - October 21, 2018, 8:01 pm

It needs to be ABOVE your include. Read the curl docs, there's information about CURL_STATICLIB right in there. All you had to do was define it in the properties though.

Instead of saying that it doesn't work without showing exactly what you're doing... I've given you all the information you need. I think maybe you should do some research and look up some examples?
?

HFDone - October 22, 2018, 2:23 am

you can find the libcurl.dll in the bin folder copy it to the bin project folder

0xDEAD10CC - October 22, 2018, 9:28 am

(Oct 22, 2018 02:23 AM)HFDone Wrote: [\[CITE\]](#) you can find the libcurl.dll in the bin folder copy it to the bin project folder

He's trying to link against static libraries..

HFDone - October 22, 2018, 12:30 pm

(Oct 22, 2018 09:28 AM)0xDEAD10CC Wrote: [\[CITE\]](#) He's trying to link against static libraries..
since he is using vs he need to complie it to lib

<https://stackoverflow.com/a/20985925>

<https://www.youtube.com/watch?v=wjNyT5PhNvI>

pmtobefriend - October 22, 2018, 1:15 pm

(Oct 22, 2018 02:23 AM)HFDone Wrote: [\[CITE\]](#) you can find the libcurl.dll in the bin folder copy it to the bin project folder

I think Oxdead is correct about me needing to read the docs (even though idk where to look for in the docs, as i only see some explanations/examples of using the functions in it)

since adding libcurl.dll in the bin project == i get other .dll error

and if i find the others .dll missing from the internet and put them in the same folder as my build
i get even more newer .dll errors...

HFDone - October 22, 2018, 1:23 pm

(Oct 22, 2018 01:15 PM)pmtobefriend Wrote: [\[CITE\]](#) I think Oxdead is correct about me needing to read the docs (even though idk where to look for in the docs, as i only see some explanations/examples of using the functions in it)

since adding libcurl.dll in the bin project == i get other .dll error
and if i find the others .dll missing from the internet and put them in the same folder as my build
i get even more newer .dll errors...
check the links in my last reply

pmtobefriend - October 22, 2018, 1:41 pm

(Oct 22, 2018 01:23 PM)HFDone Wrote: [\[CITE\]](#) check the links in my last reply
but these two are saying the exact thing i've done as shown in the screenshots on my thread?

HFDone - October 22, 2018, 1:56 pm

you cant use the a lib files with visual studio you need to compile the code to lib files
all the info in the links

pmtobefriend - October 22, 2018, 7:32 pm

(Oct 22, 2018 09:28 AM)0xDEAD10CC Wrote: [\[CITE\]](#) He's trying to link against static libraries..
Wait mate, can you confirm one thing, did I download the right thing in the thread? the right
package for visual studio 2017 ?
or is it something else for visual studio? ?

0xDEAD10CC - October 22, 2018, 8:57 pm

(Oct 22, 2018 07:32 PM)pmtobefriend Wrote: [\[CITE\]](#) Wait mate, can you confirm one thing, did I
download the right thing in the thread? the right package for visual studio 2017 ?
or is it something else for visual studio? ?

*.dll.a is typically intended for being resolved by a dynamic library. If this is for VS though your best
bet is to use a dynamic lib or compile the lib for VS.

HFDone - October 23, 2018, 2:33 am

libcurl precompiled windows <https://github.com/HazeProductions/libcurl>

? BL4ZE - October 23, 2018, 11:50 pm

No, Don't do that you don't have to do all these stuff to setup curl, If I tell you there is a better way of
doing it.

Let's follow.

1. Download <https://github.com/Microsoft/vcpkg>
2. Extract it to any folder you like
3. Build vcpkg by running "bootstrap-vcpkg.bat"
4. Open "x86 Native Tools Command Prompt for Visual Studio 2017" (You can search it in Start Menu)
5. In command prompt navigate to the location of vcpkg
6. Type these commands -
vcpkg integrate install
vcpkg install curl:x86-windows-static
7. Wait for installation to finish
8. Add these two lines between global tags in .csproj file of your Project

```
<VcpkgTriplet Condition="'$(Platform)'=='Win32'">x86-windows-static</VcpkgTriplet>  
<VcpkgTriplet Condition="'$(Platform)'=='x64'">x64-windows-static</VcpkgTriplet>
```

Example :-

```
<PropertyGroup Label="Globals">  
<!-- .... -->
```

```
<VcpkgTriplet Condition="$ (Platform)'=='Win32'">x86-windows-static</VcpkgTriplet>  
<VcpkgTriplet Condition="$ (Platform)'=='x64'">x64-windows-static</VcpkgTriplet>  
  
</PropertyGroup>
```

9. You're done now you can include curl
by using `#include <curl/curl.h>`
and you don't need dll's anymore.