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Subject: link error

Posted by [nneilson](#) on Fri, 19 May 2017 14:56:41 GMT

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A link error is causing problems on a new computer.

In a previous thread I questioned my installation but apparently that is not the problem.

After installing several earlier and then 11066, 11080 and 11101 basically the same link error.

Copying several working directories from another computer trying to run from the external hd or even copying to the new coputers hd gives the same link error. I am attaching a very simple app from the MyApps directory that is in the upp dir.

I am also attaching a file of the complete error print out.

All of my apps are giving basically the same link error.

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### File Attachments

1) [Gui01 link error.txt](#), downloaded 356 times

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Subject: Re: link error

Posted by [nneilson](#) on Fri, 19 May 2017 15:10:34 GMT

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the other file, restriction to just one file for a post?

The only difference in the two cumputers is the one that can run OK has a MS vc on it but with the upp mngw tool chain I don't think the MS vc is necessary. The examples in the upp download runs fine.

Any suggestions would be appreciated.

Neil

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### File Attachments

1) [Gui01.7z](#), downloaded 311 times

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Subject: Re: link error

Posted by [omari](#) on Fri, 19 May 2017 23:00:23 GMT

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Hi,

check the OUTPUT value in "MyApps.var"

open it with a text editor and check that has the same value as in "uppsrc.var".

after modification, you must Rebuild All.

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Subject: Re: link error  
Posted by [nneilson](#) on Sat, 20 May 2017 16:14:01 GMT  
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Thanks Omari for the suggestion  
The OUTPUT values or 'dir' are the same

```
MyApps.var  
UPP = " C:\\upp-mingw-11101\\upp\\MyApps;C:\\upp-mingw-11101\\upp\\upp src ";  
OUTPUT = "C:\\upp-mingw-11101\\upp\\out";
```

```
uppsrc.var  
UPP = "C:\\upp-mingw-11101\\upp\\uppsrc";  
OUTPUT = "C:\\upp-mingw-11101\\upp\\out";
```

Neil

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Subject: Re: link error  
Posted by [omari](#) on Sat, 20 May 2017 18:12:24 GMT  
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Quote:  
MyApps.var  
UPP = " C:\\upp-mingw-11101\\upp\\MyApps;C:\\upp-mingw-11101\\upp\\upp src ";  
OUTPUT = "C:\\upp-mingw-11101\\upp\\out";

the line UPP = shall be:

```
UPP = "C:\\upp-mingw-11101\\upp\\MyApps;C:\\upp-mingw-11101\\upp\\uppsrc";
```

(without spaces).

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Subject: Re: link error  
Posted by [nneilson](#) on Sun, 21 May 2017 17:34:20 GMT  
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Hi Omari

In notepad and notepad++ I did not see spaces.  
I downloaded HxD which I am not used to and there I could see '20' in several places.

I just copied your line and pasted in my .var file  
after buildall I still get the link error.

Neil

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## File Attachments

1) [MyApps.var](#), downloaded 353 times

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Subject: Re: link error

Posted by [nneilson](#) on Sun, 21 May 2017 19:38:31 GMT

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after tinkering I was able to distinguish where the spaces were. I deleted those 'spaces' in both lines.

rebuildall and tried to execute GUI01

still the link error

If it was something as simple as spaces wouldn't that be corrected in the next build of upp?

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## File Attachments

1) [MyApps.var](#), downloaded 341 times

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Subject: Re: link error

Posted by [Klugier](#) on Sun, 21 May 2017 19:55:29 GMT

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Hello,

Can you confirm that your uppsrc directory (C:\\upp-mingw-11101\\upp\\uppsrc) contains upp sources files. To check that go inside package directory for example Core, CtrlCore or CtrlLib.

The package directory for your installation:

C:\\upp-mingw-11101\\upp\\uppsrc\\Core

C:\\upp-mingw-11101\\upp\\uppsrc\\CtrlCore

C:\\upp-mingw-11101\\upp\\uppsrc\\CtrlLib

If you want to make sure that these dirs are valid replace it from the archive. I think something is wrong here, because as I remembered in one of your screen-shots there is a lack of files in CtrlCore.

I know it seems noobish, but we want to be sure that upp files are there.

Sincerely,  
Klugier

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Subject: Re: link error

Posted by [nneilson](#) on Sun, 21 May 2017 21:21:30 GMT

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Hi Klugier

I made sure CtrlCore was listed

the dir has

The package directory for your installation:

C:\upp-mingw-11101\upp/uppsrc/Core

C:\upp-mingw-11101\upp/uppsrc/CtrlCore

C:\upp-mingw-11101\upp/uppsrc/CtrlLib

I could not get the full dir in the screenshot

upp110200, 11040,11066,11080 seems to have them also.

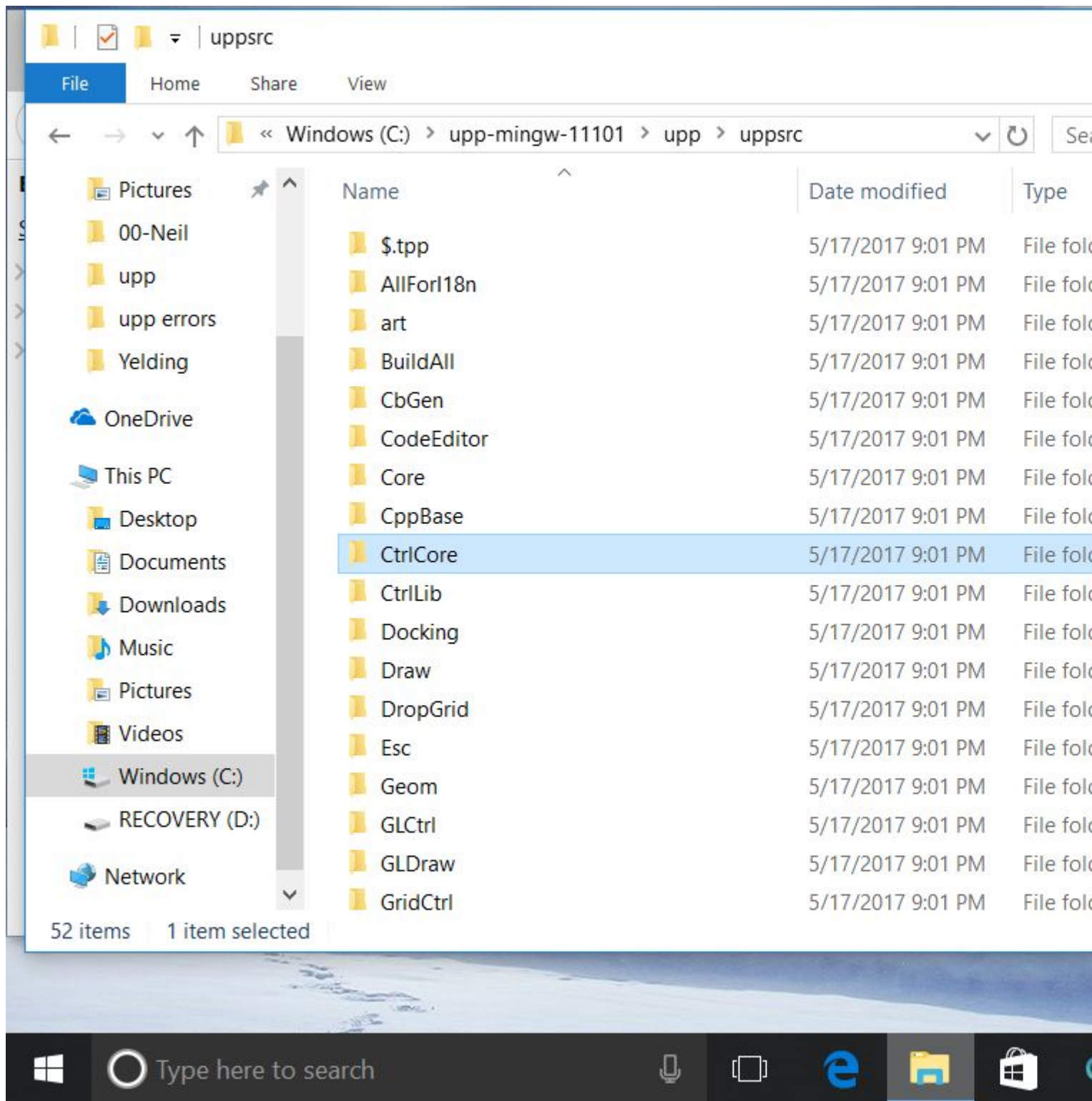
Thanks for the help.

Neil

### File Attachments

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1) [upp src dir.jpg](#), downloaded 474 times



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Subject: Re: link error

Posted by [nneilson](#) on Tue, 23 May 2017 03:22:13 GMT

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As I mentioned in a previous post a computer that runs OK does have a MS vs installed. For a upp install to be truly 'portable' it should not require a MS vs to be installed. I downloaded GeoViewer which has:

"Software Requirements

GeoViewer requires the following software to run:

- Microsoft .NET Framework 4.5
- Microsoft DirectX 9
- Visual Studio C++ 2013 Redistributable

If this software is not installed on your machine, the GeoViewer installer downloads and installs the software for you."

I will not install GeoViewer now as I would like to help resolve the 'link' error for computers that do not have a MS vs install. If this could be the problem. With the mingw tool chain it seems like the MS vs would not be necessary. Just guessing on that.

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Subject: Re: link error SOLVED (sort of)  
Posted by [nneilson](#) on Fri, 26 May 2017 22:48:20 GMT  
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For each version of upp I downloaded the clock example worked in the examples directory but each of the apps in MyApps gave the link error. The GUI01 which I posted earlier I put in the examples directory and it ran fine without the link error. I put my main app in the examples directory and it ran OK.

There must have been something or something missing in the MyApps directory that was causing the link error.

Neil