

# RE: Error setting lib dependencies for a library project

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*Source:* [http://www.tech-archive.net/Archive/VC/microsoft.public.vc.ide\\_general/2005-06/msg00074.html](http://www.tech-archive.net/Archive/VC/microsoft.public.vc.ide_general/2005-06/msg00074.html)

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  - *Date:* Tue, 21 Jun 2005 11:25:04 -0700
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"Andrew McDonald" wrote:

> I'm having problems setting additional dependencies for a project which is itself a library. It  
> seems that the IDE sends a malformed command line to lib.exe. Anything I type in the 'additional  
> dependencies' field gets sent verbatim to the lib.exe command line as I'd expect, but the filenames  
> also then get fully qualified and appended to the command line.  
>  
> For instance, if I create a solution containing two libs Lib1 and Lib2, with Lib2 dependent on  
> ../Lib1/Debug/Lib1.lib, then build the Debug config, the build log shows the following:  
>  
> Creating temporary file "c:\Documents and Settings\Andrew\Desktop\LibTest\Lib2\Debug\RSP000019.rsp"  
> with contents  
> [  
> /OUT:"Debug/Lib2.lib" /NOLOGO ../Lib1/Debug/Lib1.lib "\documents and  
> settings\andrew\desktop\libtest\lib1\debug\Lib1.lib"  
> ".\debug\Lib2.obj"  
> ]  
> Creating command line "lib.exe @"c:\Documents and  
> Settings\Andrew\Desktop\LibTest\Lib2\Debug\RSP000019.rsp""  
> I don't see why the IDE bothers fully qualifying the path to Lib1.lib when it could just run lib.exe  
> with its current working directory set to the same directory as Lib2.vcproj. Is there a way to stop  
> this happening? Lib.exe still runs fine, because it ignores the duplicate symbols. But it results in  
> a lot of output spam for a non-trivial library! Andrew

Assuming you're using vs.net, you might do well to create a solution. Then you can have dependencies as:

```
$(SolutionDir)\lib1\$(ConfigurationName)\lib1.lib
```

Just a suggestion :D

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- *Follow-Ups:*

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◇ From: Andrew McDonald

• **References:**

◆ **Error setting lib dependencies for a library project**

◇ From: Andrew McDonald

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