
Subject: Header Issues[SOLVED]

Posted by [Justin](#) on Wed, 10 May 2006 18:49:34 GMT

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I believe I am having some issues with my header files. I just recently tried to create a second .cpp file with a different class and they both use the same header file. Please look over the error message below and the beginning of my header file.

Error Message:

2 file(s) compiled in (0:02.56) 1281 msec/file

Linking...

main.obj : error LNK2005: "public: static class Image const & __cdecl NCIcon::NCico(void)"
(?NCico@NCIcon@@@SAABVImage@@@XZ) already defined in NCase_My
SQL.obj

main.obj : error LNK2005: "public: static class Image const & __cdecl NCIcon::NCOK(void)"
(?NCOK@NCIcon@@@SAABVImage@@@XZ) already defined in NCase_MySQ
L.obj

main.obj : error LNK2005: "public: static class Image const & __cdecl NCIcon::n(void)"
(?n@NCIcon@@@SAABVImage@@@XZ) already defined in NCase_MySQL.obj

C:\upp\out\MSC8.Gui.Mt\NCase.exe : fatal error LNK1169: one or more multiply defined symbols found

There were errors. (0:03.04)

Beggining of the header file

```
#ifndef _NCase_NCase_h_  
#define _NCase_NCase_h_
```

```
//#include <NCase/NCase_expanded.h>  
#include <NCase/define.h>  
#include <NCase/prod_def.h>  
#include <NCase/convert.h>
```

```
#include <CtrlLib/CtrlLib.h>  
#include <MySql/MySql.h>
```

```
#define LAYOUTFILE <NCase/NCase.lay>
#include <CtrlCore/lay.h>
```

```
#define IMAGEFILE <NCase/NCase.iml>
#define IMAGECLASS NIcon
#include <Draw/iml.h>
```

Any Ideas?

Justin

Subject: Re: Header Issues
Posted by [mirek](#) on Wed, 10 May 2006 21:53:29 GMT
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Justin wrote on Wed, 10 May 2006 14:49: I believe I am having some issues with my header files. I just recently tried to create a second .cpp file with a different class and they both use the same header file. Please look over the error message below and the beginning of my header file.

Error Message:

```
2 file(s) compiled in (0:02.56) 1281 msec/file
Linking...
main.obj : error LNK2005: "public: static class Image const & __cdecl NIcon::NCico(void)"
(?NCico@NIcon@@@SAABVImage@@@XZ) already defined in NCase_My
SQL.obj
main.obj : error LNK2005: "public: static class Image const & __cdecl NIcon::NCOK(void)"
(?NCOK@NIcon@@@SAABVImage@@@XZ) already defined in NCase_MySQL
L.obj
main.obj : error LNK2005: "public: static class Image const & __cdecl NIcon::n(void)"
(?n@NIcon@@@SAABVImage@@@XZ) already defined in NCase_MySQL.obj
C:\upp\out\MSC8.Gui.Mt\NCase.exe : fatal error LNK1169: one or more multiply defined symbols
found
```

There were errors. (0:03.04)

Beggining of the header file

```
#ifndef _NCase_NCase_h_
#define _NCase_NCase_h_

//#include <NCase/NCase_expanded.h>
#include <NCase/define.h>
#include <NCase/prod_def.h>
#include <NCase/convert.h>

#include <CtrlLib/CtrlLib.h>
#include <MySql/MySql.h>

#define LAYOUTFILE <NCase/NCase.lay>
#include <CtrlCore/lay.h>

#define IMAGEFILE <NCase/NCase.iml>
#define IMAGECLASS NIcon
#include <Draw/iml.h>
```

Yes. Use

```
#include <Draw/iml_header.h>
```

in header and

```
#include <Draw/iml_source.h>
```

in some .cpp.

```
#include <Draw/iml.h>
```

is just combination of both and works fine only as long as it is single file.

Mirek

Any Ideas?

Justin

Subject: Re: Header Issues
Posted by [Justin](#) on Wed, 10 May 2006 22:30:19 GMT
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Perfect, you fixed my problem as usual.

Thank you Mirek (The life saver)

Justin
