
Subject: To split Images code to "h" & "cpp" file has a link error, "multiple de
Posted by [sevenjay](#) on Mon, 29 Dec 2008 09:44:26 GMT

[View Forum Message](#) <> [Reply to Message](#)

I split "Image tutorial 1" code to "h" & "cpp" file and had some link error: "multiple definition".

```
C:/upp/out/Image01/MINGW.Debug.Debug_full.Gui.Main\main.o: In function
`_ZN8MyImages3ImIEv':
C:/upp/uppsrc/Draw/iml_source.h:33: multiple definition of `MyImages::ImI()'
C:/upp/out/Image01/MINGW.Debug.Debug_full.Gui.Main\image.o:C:/upp/uppsrc/Draw/iml_source
.h:33: first defined here
...
...
```

After executing TheIDE, compiling It was success at first time. I modify something then compile it was fail.

It both happened on Ubuntu and Windows using gcc.

The Attachment is a sample code.

But I move the definition

```
#define IMAGECLASS MyImages
#define IMAGEFILE <Image01/images.iml>
#include <Draw/iml.h>
```

from .h to .cpp. then it is success all the time.
so...maybe this is not a bug?

Thank you for creating so useful tool.

File Attachments

1) [Image01.zip](#), downloaded 494 times

Subject: Re: To split Images code to "h" & "cpp" file has a link error, "multipl
Posted by [bytefield](#) on Mon, 29 Dec 2008 18:36:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

You have to put in header
#include <Draw/iml_header.h>
and
#include <Draw/iml_source.h>
in *.cpp file instead of #include <Draw/iml.h>
which is used when you have to use images in one file.

Subject: Re: To split Images code to "h" & "cpp" file has a link error, "multipl

Posted by [mirek](#) on Sun, 04 Jan 2009 14:04:49 GMT

[View Forum Message](#) <> [Reply to Message](#)

BTW, theide recently can insert those includes for you (right-click on the text, "Insert").

Mirek
