

---

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 343 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

---