

---

Subject: [SOLVED] CtrlLib/Ctrl.iml:41:1: error: expected unqualified-id before '{' token

Posted by [fudadmin](#) on Tue, 13 Mar 2012 18:34:53 GMT

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

---

This error is killing me.

I want to move my test \*.mm files from UNS and SkeletonCoc packages (which compiles fine), bet if I add any new \*.mm files to the main testing package which contains \*.cpp files, I got this error:

CtrlLib/Ctrl.iml:41:1: error: expected unqualified-id before '{' token

So, most likely, this is related to objc and Draw/impl\_header.h. I tried many different combinations of includes and package structuring but... I guess I need to understand the intrinsics of impl\_header.h

Combined Possibilities:

- 1 for objc and/or c++
- 2 include or exclude some header
- 3 or define or undef something?

impl\_header.h:

```
class IMAGECLASS {
public:
#define IMAGE_BEGIN(n) I_##n,
#define IMAGE_ID(n) I_##n,
    enum {
#include IMAGEFILE
    COUNT
    };
#undef IMAGE_BEGIN
#undef IMAGE_ID
...

```

line 41:

```
IMAGE_ID(check)
```

my guess - IMAGE\_ID becomes undefined at the wrong moment (when is included/compiles objc (where?)) for some reasons... what reasons?

Need some clues..

---

Subject: Re: CtrlLib/Ctrl.iml:41:1: error: expected unqualified-id before '{' token

Posted by [mr\\_ped](#) on Tue, 13 Mar 2012 21:47:47 GMT

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

---

It's macro, so it may be redefined in mac headers? Did you check preprocessor output?

---

---

Subject: Re: CtrlLib/Ctrl.iml:41:1: error: expected unqualified-id before '{' token

Posted by [fudadmin](#) on Wed, 14 Mar 2012 00:30:39 GMT

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

---

mr\_ped wrote on Tue, 13 March 2012 21:47: It's macro, so it may be redefined in mac headers? Did you check preprocessor output?

SOLVED! (and maybe this is the only way)

Thanks, mr\_ped. Your preprocessor idea directed me towards a victory against my forgetfulness . Btw, your idea had one more side-effect - to discover that theide has got gcc -E built-in! I was aware of gcc -E but never used it. So, the code generated output was big and didn't look suspicious to me. I didn't study it too much. But while exploring I started thinking about \*.h files. And then the lightning struck!.. ... Started thinking about other packages.. XCode objc and..

I added one more \*.h file to the package and included into TEST.mm -eureka!

So, if you have \*.cpp and .mm files in your packages 1(one!) \*.h file is not enough! And mostly \*.mm and \*.h go in pairs.

By accident I have been using that way all the time...

It would be good to understand what is inside the compiler thinking in this case..

Thanks a lot mr\_ped once again!