

Re: error: undefined reference to

Source: <http://coding.derkeiler.com/Archive/C/ CPP/alt.comp.lang.learn.c-cpp/2004-11/0119.html>

From: Alwyn (dt015a1979_at_mac.com.invalid)

Date: 11/03/04

Date: Wed, 03 Nov 2004 18:33:44 +0000

In article <ffb12a90.0411031001.3b6a73ed@posting.google.com>, Gergely Buday <gergoe@math.bme.hu> wrote:

```
> Hi,
>
> I'm having a problem compiling my program (that is part of a large one):
>
> libDummyTools.so: undefined reference to `MyClass::p_Instance'
>
> nm says
>
> $ nm DummyTools/.obj/MyClass.o |grep p_Instance
> U _13MyClass.p_Instance
>
> What can cause this behaviour?
>
> MyClass.h:
> ----
> class MyClass
> {
> private:
> static MyClass* p_Instance
> ...
> public:
> static MyClass* getInstance();
>
>
> MyClass.cpp:
> ----
```

Your static variable needs to be defined outside the class definition.
Insert here:

```
MyClass *MyClass::p_Instance;
```

HTH

Alwyn