

Re: derived class can not access base class protected member?

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Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vc/2007-10/msg00333.html>

- *From:* George <George@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 26 Oct 2007 02:23:02 -0700
-

Hi Peter,

I am not invoking foo in derived class, the error occurs when I invoke destructor (protected, by using the statement delete b below). I am confused why I can not access the protected method of base class in derived class?

```
void goo()
{
base* b = new derived;
delete b; // error in this line
}
```

have a good weekend,
George

"Peter Oliphant" wrote:

```
private:
void foo()
```

Because foo() is defined as PRIVATE (not protected) in the base class (typo?)... ;)

[==Peter==]

"George" <George@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:D783AA73-AC91-45C2-B534-112BEFEC3BAA@xxxxxxxxxxxxxxxxxx>

Hello everyone,

I met with a strange issue that derived class function can not access base class's protected member. Do you know why?

Re: derived class can not access base class protected member?

Here is the error message and code.

[Code]

```
error C2248: 'base::~~base' : cannot access protected member declared in class 'base'
```

[/Code]

[Code]

```
class base
{
protected:
~base() {}
private:
void foo()
{
base* b = new base;
delete b;
}
};

class derived : public base
{
public:
~derived() {}
private:
void goo()
{
base* b = new derived;
delete b; // error in this line
}
};
[/Code]
```

thanks in advance,
George