
Subject: Re: Object-Oriented Programming Question

Posted by [rivers](#) on Thu, 18 Dec 1997 08:00:00 GMT

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In article <34986079.BC1BBB4F@pppl.gov>, Peter Stoltz <pstoltz@pppl.gov> writes:

>> Hi everyone-

>

> I have finally gotten around to trying out object-oriented programming
> with IDL, and I have a question about data encapsulation.

>

> I define an object structure A that has as one of its data members
> another object B (A has a B). So far as I can tell, when one creates an

>

> instance of A, one cannot invoke the methods of class B through the
> syntax

>

> IDL> a=obj_new('A')

> IDL> a.b->some_method

>

> % Object instance data is not visible outside class methods

> % Execution halted

It's much simpler:

IDL> a->some_method

will invoke member b's "some_method". This works fine as long as "some_method" is not "overloaded", i.e. "a" does not have a routine of the same name. If it does, then you will get "a's" version by default. There is a syntax which will allow access to b's method even in this case. I forget it, but it's in the manual.

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