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Subject: Re: Are user-defined private methods possible?  
Posted by [Paul Van Delst\[1\]](#) on Wed, 08 Jul 2009 19:17:47 GMT  
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Fiç½LDY Lajos wrote:

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>
> On Wed, 8 Jul 2009, Paul van Delst wrote:
>
>> As the subject states, are user-defined private methods possible in IDL?
>>
>> I have some object methods that I want to be private to the class
>> (like Init and Cleanup) but I can't find any info on how to do that in
>> the IDL help. Once the methods in question are invoked (and, thus,
>> compiled) in a public method, they're accessible from outside the class.
>
> You can not prevent calls to your "private" methods, but you can check
> whether the caller is a method of your class or not:
>
> ; cut here, copy to test.pro and .ru test
> ;
> pro o::private
> catch, stranger
> if stranger ne 0 then $
> begin
>   catch, /cancel
>   goto, prn
> endif
>
> if not obj_isa((scope_varfetch('self', level=-1)), 'o') then stranger=1
>
> prn:
> if stranger ne 0 then print, 'private call failed' $
>       else print, 'private call succeeded'
> end
>
>
> pro o::public
> self->private
> end
>
>
> s={o, i:0}
> o=obj_new('o')
> print, 'calling private from class method:'
> o->public
> print, 'calling private directly:'
> o->private
> end
```

>  
> ; cut here

schweet! I'll see if I can put this code in my error handler include file for use....

Thanks,

paulv

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