
Subject: Re: V8.2 compilation error, works in V8.1
Posted by [Lajos Foldy](#) on Fri, 01 Jun 2012 16:57:40 GMT
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On Friday, June 1, 2012 5:51:31 PM UTC+2, wlandsman wrote:

> We are getting many compilation errors in V8.2 for code that worked in V8.1. Apparently, there was a loophole in V8.1 that allowed one to directly access an object's variables in certain case, but now a line like

>
> self.obj2.index
>
> gives an error
> % Expression must be a structure in this context: <OBJREF (<ObjHeapVar2(OBJ2)>)>
>

> One can always access the variable with a GETPROPERTY, and I suppose this might have been a "bug fix". Is there any place where one can get a list of the V8.2 bug fixes?

>
> Below I give an example with two simple objects.

>
> IDL> t = obj_new('obj1')
> IDL> t.printvalue
>
> gives an error in V8.2 but not V8.1
>
> ;obj1__define.pro
> pro obj1::printvalue,index=index
> print,self.obj2.index
> end
> pro obj1::getproperty,obj2=obj2
> if arg_present(obj2) then obj2 = self.obj2
> end
> function obj1::init,obj2=obj2
> if ~isa(obj2,'obj2') then self.obj2 = obj_new('obj2')
> return,1
> end
> pro obj1__define
> compile_opt idl2
> obj1 = {obj1, \$
> obj2:obj_new()}
> end
>
> ;obj2__define.pro
> pro obj2::getproperty,index=index
> if arg_present(index) then index = self.index
> end
> pro obj2__define
> compile_opt idl2
> obj2 = {obj2, \$

```
>      index:0L}  
> end
```

Add 'inherits IDL_Object' to your definitions.

("If your object inherits from the IDL_Object class, you can retrieve property values by calling the property directly with the dot operator.")

regards,
Lajos
