
Subject: V8.2 compilation error, works in V8.1

Posted by [wlandsman](#) on Fri, 01 Jun 2012 15:51:31 GMT

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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
