
Subject: Re: V8.2 compilation error, works in V8.1
Posted by [Michael Galloy](#) on Fri, 01 Jun 2012 16:43:03 GMT
[View Forum Message](#) <> [Reply to Message](#)

On 6/1/12 9:51 AM, 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?

Yes, I confirm your code seems to indicate that the loophole allowing member variable access of an object from another object's method has been eliminated. I would count that as a bug fix, but I wish it had been mentioned in the release notes. I think there is going to be some broken code that will need to be updated for IDL 8.2.

Also, note that by making obj2 inherit from IDL_Object will make the code work again on IDL 8.2, i.e., update obj2__define to:

```
pro obj2__define
  compile_opt idl2
  obj2 = { obj2, inherits IDL_Object, index:0L }
end
```

Mike

--

Michael Galloy
www.michaelgalloy.com
Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)
Research Mathematician
Tech-X Corporation
