Subject: Re: How to get _overloadSize to return N_Dimensions=0?
Posted by Matthew Argall on Tue, 18 Apr 2017 13:56:43 GMT
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The problem with undefined variables was fixed, but there is another bug related to scalar values. I assume N_Elements is determined as Product(Size(input, /DIMENSIONS)). However, a scalar value has a dimension size of 0, so the result of 0 elements.

```
function test_olSize::_OverloadSize
   return, size(*self.value, /DIMENSIONS)
end

function test_olSize::Init, value
   compile_opt strictarr
   self.value = Ptr_New(value, /NO_COPY)
   return, 1
end

pro test_olSize__define
   class = {test_olSize, $
            inherits IDL_Object, $
            value: ptr_new()}
end


IDL> myObj = Obj_New('Test_olSize', 1)
IDL> Print, N_Elements(myObj)
         0
```