
Subject: Re: V8.2 compilation error, works in V8.1
Posted by [wlandsman](#) on Thu, 07 Jun 2012 17:19:19 GMT
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For completeness, I note that the differences between V8.2 and V8.1 also occur (not unexpectedly) with lists.

```
IDL> b = list('header',0)
IDL> n = [1]
IDL> t = b.get(position=n)
IDL> help,t
In V8.1
T      LONG      =      0
But in V8.2
T      LIST <ID=6 NELEMENTS=1>
```

Lajos pointed out that this change made the behavior consistent with subscripting an array with a one element array vs. with a scalar. But whereas it is often doesn't matter whether one has a scalar or a one element array, it will always make a difference when code that used to return a scalar integer now returns a list data type.

On Friday, June 1, 2012 1:57:08 PM UTC-4, wlandsman wrote:

```
> Lajos, Mike
>
> Thanks for the IDL_Object suggestion -- that seems like the simplest fix.
>
> Here's another IDL 8.2 change that is giving us compilation errors:
>
> IDL> print,!version
> { x86_64 linux unix linux 8.1 Mar 9 2011    64    64}
> IDL> x = HASH('key1',1,'key2',2)
> IDL> y = ['key1']
> IDL> help,x[y]
> <Expression> LONG      =      1
>
> IDL> print,!version
> { x86_64 linux unix linux 8.2 Apr 10 2012    64    64}
> IDL> x = HASH('key1',1,'key2',2)
> IDL> y = ['key1']
> IDL> help,x[y]
> <Expression> HASH <ID=8 NELEMENTS=1>
>
> In this case, I think the V8.1 interpretation makes more sense. --Wayne
```
