
Subject: Is this a bug?

Posted by [David Foster](#) on Wed, 30 Sep 1998 07:00:00 GMT

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Platform: Sun Sparc2, Solaris 2.5 Patched

IDL Version: 5.0.3

Can someone please explain to me why the following is happening?

```
p = ptr_new( {a:1, b:2, s:{x:0,y:0, a:[256,256,48]} } )
```

```
print, ((*p).s.a)[2]
      48
```

```
((*p).s.a)[2] = ((*p).s.a)[2] * 4
```

```
% Temporary variables are still checked out - cleaning up...
```

```
print, ((*p).s.a)[2]
      48                ; Value was not adjusted
```

```
help, ((*p).s.a)[2]
<Expression>  INT      =      48
```

```
print, ((*p).s.a)
      256    256    48
```

```
(*p).s.a[2] = (*p).s.a[2] * 4
```

```
print, ((*p).s.a)[2]
      192                ; Value *was* adjusted
```

Is ((*p).s.a)[2] an invalid construct? IDL doesn't seem to have problems with it in the PRINT command, and it sure seems ok to me. The message about temporary variables seems to be a clue, but I need some help on this one.

Thanks!

Dave

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```
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```
