
Subject: Re: array referencing problem ...

Posted by [marc schellens\[1\]](#) on Thu, 10 Mar 2005 07:01:50 GMT

[View Forum Message](#) <> [Reply to Message](#)

> Here is an article that might help:

>

> http://www.dfanning.com/code_tips/tempvar.html

While this article still covers the point, its a little bit outdated:

IDL now correctly complains about the expression.

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

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

```
% Expression must be named variable in this context: <INT  
Array[3]>.
```

```
% Execution halted at: $MAIN$
```

But there is still another bug in IDL:

```
function ret,a
```

```
return,a
```

```
end
```

```
IDL> a=1
```

```
IDL> ++(ret(a[0]))
```

```
IDL> print,a
```

```
1
```

But this only happens if used as a statement:

```
IDL> print,++(ret(a[0]))
```

```
% Expression must be named variable in this context: <INT    (  
1)>.
```

```
% Execution halted at: $MAIN$
```

Ah, and did I mention that GDL

(<http://gnudatalanguage.sourceforge.net/>)

behaves correctly in all cases :-)

Cheers,

marc
