
Subject: Re: Oh No...

Posted by [Michael Galloy](#) on Wed, 18 Apr 2007 18:01:53 GMT

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On Apr 18, 7:45 am, Paolo Grigis <pgri...@astro.phys.ethz.ch> wrote:

> FÖLDY Lajos wrote:

>

>> No, invalid code, with undefined result :-)

I don't think it invalid or undefined (very confusing, yes). a is created and used to index itself following the "normal" rules of indexing in IDL.

Remember that it is valid to use an index array that has indices out of range, they are simply brought back into range:

```
IDL> b = findgen(10)
```

```
IDL> b[[-1, 20]] = 1
```

```
IDL> print, b
```

```
    1.00000    1.00000    2.00000    3.00000    4.00000
5.00000    6.00000
    7.00000    8.00000    1.00000
```

You can turn this behavior off with COMPILE_OPT:

```
IDL> compile_opt strictarrsubs
```

```
IDL> a[(a=2*findgen(10))]=1
```

```
% Array used to subscript array contains out of range subscript: A.
```

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

Mike

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