
Subject: `fltarr(1,1,1,1,1,1,1,2)` quirk, IDL 4

Posted by [Stein Vidar Hagfors H](#) on Wed, 16 Jul 1997 07:00:00 GMT

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I just discovered a quite weird "feature" of IDL 4:
You're allowed to make arrays with 8 dimensions, but
you can only index them with 7! E.g.:

```
IDL4> da=fltarr(1,1,1,1,1,1,1,2)
```

```
IDL4> print,size(da)
```

```
      8      1      1      1      1      1
      1      1      2      4      2
```

```
IDL4> print,da(0,0,0,0,0,0,0,0)
```

```
print,da(0,0,0,0,0,0,0,0)
```

```
      ^
```

% Only 7 subscripts allowed.

This is apparently fixed in IDL 5:

```
IDL5> da=fltarr(1,1,1,1,1,1,1,2)
```

```
IDL5> print,da(0,0,0,0,0,0,0,0)
```

```
0.00000
```

Just in case someone is trying to write cross-version
compatible code.....!

Stein Vidar
