
Subject: array referencing problem ...

Posted by [Andreas Brunn](#) on Tue, 08 Mar 2005 16:43:37 GMT

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dear listland

I have a problem referencing a three dimensional array with a two

dimensional array and copy this in each channel of the three dimensional.

But there must be a more elegant and memory saving method doing this, so i tried the following and ran in an in my eyes a little bit strange behaviour:

```
ENVI> a=findgen(5,5,5)
ENVI> ma=where(a le 10)
ENVI> print, (a(*,*,1))(ma)
25.0000 26.0000 27.0000 28.0000 29.0000 30.0000 31.0000 32.0000 33.0000
34.0000 35.0000
```

thats what I hoped and expected as a result

but if I try the following:

```
ENVI> (a(*,*,1))(ma) = 2
% Expression must be named variable in this context: <FLOAT Array[5, 5]>.
% Execution halted at: $MAIN$
```

I only get that error message, where is my mistake ?

Is there a way applying this mask on each of the channels without copying each channel in a two dimensional array ?

thanx a lot in advance

Andi
