
Subject: Q: Indexing arrays with variable # dimensions
Posted by [Tim Purschke](#) on Thu, 10 Aug 1995 07:00:00 GMT
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i want to index an array with a number of dimensions that is not known until runtime.

Creation of array:

```
a = intarr(dimsz^dimnumber)
dimidx = intarr(dimnumber) + dimsz
a = reform(a, dimidx)
```

Now i want to set an element of a to a certain value.

eg. $a(3,2,4,3) = 7$ (for $\text{dimnumber} = 4$)

how can i store this index list to make the assignment work?

i've tried $\text{idx}=[3,2,4,3]$ & $a(\text{idx})=7$ but this of course does not work.

Can anyone help?

Thanks in advance,

Tim

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