Subject: Re: array addressing
Posted by thompson on Mon, 01 Aug 1994 21:06:38 GMT
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kump@morph.ebme.cwru.edu (Kenneth S. Kump) writes:

> Just a quick question:

> A=indarr(10,5)
> B=[0,0,1,0,1]

> I would like array C to consist of only A(*,2) and A(*,4).
> I understand why C=A(*,B) doesn't work, but what is the
> correct way?

Just thinking off the top of my head, one could do something like the
following:

```
 IDL> SZ = SIZE(A)   ;Get dimensions of A
 IDL> BB = REPLICATE(1,SZ(1)) # B ;Match dims. of B to A
 IDL> C = A(WHERE(BB EQ 1))  ;Extract requested data
 IDL> C = REFORM(C,SZ(1),TOTAL(B)) ;Rectify dimensions
```

I haven't actually tried this to confirm that it works, but I think it will.
:^)

Bill Thompson