
Subject: Re: array addressing

Posted by [peter](#) on Mon, 01 Aug 1994 22:04:33 GMT

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William Thompson (thompson@orpheus.gsfc.nasa.gov) wrote:

: 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

Or, c=a(*,[2,4]) might be a bit easier...
