Subject: Re: arrays as subscripts
Posted by David Fanning on Fri, 17 May 2002 03:39:43 GMT
View Forum Message <> Reply to Message

lyubo (lzagorch@cs.wright.edu) writes:

- > Suppose I have 3 arrays with the same dimensions: A, B and C.
- >
- > I have to use the non zero elements of A as index to access B, then use
- > the accessed values from B as index to access C, and finally store the
- > values from C in a new array at the previously indexed positions of B.

>

- > Is there an effective way to do that in IDL? I can write a call to a
- > C function but I was wondering if I can do it only in IDL.

>

> Any examples and help would be appreciated.

I'm doing this after a couple of beers, so...

I = Where(A GT 0, count)
IF count GT 0 THEN BEGIN
bindex = b[i]
b[i] = c[bindex]
ENDIF

Cheers.

David

--

David W. Fanning, Ph.D. Fanning Software Consulting

Phone: 970-221-0438, E-mail: david@dfanning.com

Coyote's Guide to IDL Programming: http://www.dfanning.com/

Toll-Free IDL Book Orders: 1-888-461-0155