
Subject: Re: Strange memory problem

Posted by [rivers](#) on Thu, 23 Dec 1999 08:00:00 GMT

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In article <83rfkn\$826\$1@nnrp1.deja.com>, Peter Mason <menakkis@my-deja.com> writes:

> rkj@dukebar.crml.uab.edu (R. Kyle Justice) wrote:

> <...>

>> Actually I should have given my real problem rather than a

>> simplified version of it. Acutally I have two big arrays of

>> equal size and I am trying to copy one into the other:

>>

>> temp1(*)=temp2

> <...>

>

> The best way I know of to do this sort of thing (in IDL) is to use

> array-insertion starting offsets.

> e.g., If you have 2-dimensional arrays and you want to copy one on top

> of another, do: TEMP1(0,0)=TEMP2.

> This is much, *much* more efficient than using '*'. It also converts

> what it copies to the datatype of TEMP1 if necessary.

> This issue goes back a long way, so I'd expect the "solution" to work

> on PV-Wave as well.

This is definitely the best way to do this. Note that you don't need both subscripts. You can just say:

a = bytarr(100,100,25)+10b ; Create array of all 10's

b = bytarr(100,100,25) ; Create a zero filled array

b(0) = a ; This copies a into b

Mark Rivers
