Subject: Re: Strange memory problem
Posted by Mark D. Williams on Wed, 22 Dec 1999 08:00:00 GMT

"R. Kyle Justice" wrote:
> Actually I should have given my real problem rather than a
> simplified version of it. Actually I have two big arrays of
> equal size and I am trying to copy one into the other:
>
> temp1(*)=temp2
>
> I don't want memory fragmentation, that is why I do the process
> "in place." I was told by one person that this left hand operation
> generates an array of indices and this is where the memory problem
> is coming from. He suggested the IDL (I am assuming) function
> REPLICATE_INPLACE. Well, I don't have that on PV-Wave(or do I?)
> and it really is not helpful for my actually problem (only the
> simplified one). So it appears that I am stuck with fragmentation
> or disk swapping. Choose your poison.

It would appear so, although by my view, in this case fragmentation
is the lesser of the two evils.

> : By assigning 10 instead of 10B, that is what you're ending up with.
>
> I thought including the * operator on the left side would
> preserve the data type.

You are, of course, correct. It is also true as another poster
pointed out, that for the simplified example, using the /NoZero
keyword isn't really a fair test since you end up with an actual
value being "added" to uninitialized memory space.

Regards,
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