
Subject: Re: [Q]Passing parts of structure arrays between routines

Posted by [Tim Patterson](#) on Fri, 23 Aug 1996 07:00:00 GMT

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Peter Suetterlin wrote:

>

> In article <321CE1F6.41C6@raptor.lpl.arizona.edu>,

> Tim Patterson <tim@raptor.lpl.arizona.edu> writes:

>

>> Is this use of temporary variables the only solution,

>> and why can't I get the 'correct' result using the

>> neater array_test procedure? I can't find anything under

>> 'arrays' or 'structures' in the IDL docs that say I shouldn't

>> be able to do it that way.

>

> Yes, it is, because IDL can pass subarrays only by value and not by

> reference. Therefore, you can never change the original variable.

> This is not restricted to structures but is valid for any kind of data

> that is (has to be) passed by value. See the part of the Manual about

> parameter passing in IDL.

>

> Peter

>

Thanks Peter, and to the others who emailed me.

Tim
