
Subject: Re: Problems with scalar structures

Posted by [Peter Mason](#) on Tue, 26 May 1998 07:00:00 GMT

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On Mon, 25 May 1998, Brian Jackel wrote:

> Here's a little problem that I'd appreciate some input
> on. Consider a simple structure, and an array of those
> structures:

>
> test= {MYSTRUC, name:'mystruct', x:0.0}
> test2= REPLICATE({MYSTRUC},2)

>
> Then try the following two operations, and watch the
> second one fail (at least for version 5.0.2 under IRIX).

>
> test2.x= test2.x * [1.0, 2.0]
> test.x= test.x * [1.0]

>
<...>

> Can anyone suggest a (simple, elegant) way to deal with
> the generic command
> test.x= test.x * a

The best way would be to upgrade to IDL 5.1, which copes with this OK (on WinNT at least).

But perhaps like me you have at least some platforms "stuck on 5.0x" on account of ENVI! In this case, try:

test.x(0)= test.x * a

This appears to work, because you can zero-subscript just about anything in IDL.

Peter Mason
