Subject: Re: V6.0 indexing change
Posted by R.Bauer on Thu, 14 Aug 2003 06:20:10 GMT
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Wayne Landsman wrote:

> I haven't installed V6.0 yet myself but I have been informed by Mike
> Corcoran of a change that can break some existing code.
>
> Formerly, if one had a structure, say a = {x:indgen(10)} which was
> accessed by a 1 element vector, say i = [3], then the result a.x[i]
> would be a scalar.   In V6.0, however, the result is now a 1 element
> vector.
>
> I have to say that the V6.0 method makes more more sense -- subscripting
> with a 1 element vector should return a 1 element vector.   But it can
> break existing code because logical tests such as
>
>   if a.x[i] EQ 3 then stop
>
> will no longer work.   The fix is simple enough (set i = i[0] first)
> but users might want to fix the code before upgrading to V6.0.

Could this change be interpreted that's trailing dimensions 1 sometimes
later not more removed automaticly.

a=make_Array(4,1)
IDL> help,a
A   FLOAT   = Array[4]

Reimar
>
> --Wayne Landsman   landsman@mpb.gsfc.nasa.gov

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