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Subject: V6.0 indexing change

Posted by [Wayne Landsman](#) on Tue, 12 Aug 2003 15:10:20 GMT

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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  $a = \{x:\text{indgen}(10)\}$  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.

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