
Subject: Re: Variable stride in array indices
Posted by [DBorland](#) on Tue, 18 May 1999 07:00:00 GMT
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In article <bowman-1805990954070001@bowman.tamu.edu>, bowman@null.edu
(Kenneth P. Bowman) wrote:

> I had a chance to look at my code to see if Liam's suggestion would work,
> and I realized that it won't, because I need to use the variable stride on
> the *left* side of the equal sign, i.e.

>
> IDL> a = LINDGEN(6,6)
> IDL> print, a
> 0 1 2 3 4 5
> 6 7 8 9 10 11
> 12 13 14 15 16 17
> 18 19 20 21 22 23
> 24 25 26 27 28 29
> 30 31 32 33 34 35
> IDL> print, (a[*,2*LINDGEN(3))][2*LINDGEN(3),*]
> 0 2 4
> 12 14 16
> 24 26 28

What you need to do it then sent the results here as the index for the
array. ie:

IDL> a[(a[*,2*LINDGEN(3))][2*LINDGEN(3),*]] = -1

When you do this, the values from above are set to -1

IDL> print,a
 -1 1 -1 3 -1 5
 6 7 8 9 10 11
 -1 13 -1 15 -1 17
 18 19 20 21 22 23
 -1 25 -1 27 -1 29
 30 31 32 33 34 35

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