
Subject: Re: simple question (I hope)

Posted by [William Daffer](#) on Sun, 01 Apr 2007 17:23:17 GMT

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"Ryan." <rchughes@brutus.uwaterloo.ca> writes:

> Dear All,
>
> Do any of you know a fast way of removing elements from an array given
> an array of the indices? I know it is possible with a FOR loop but I
> would like to avoid that if possible because the array to be searched
> could get quite large. Here is an example of what I would like to do:
>
> A = [0,2,4,6,8,10,12,14,16,18,20]
> indices_to_remove = [3,5,9]
>
> to get a resulting array, B:
> B = [0,2,4,8,12,14,16,20]

```
IDL> A = [0,2,4,6,8,10,12,14,16,18,20]
IDL> indices_to_remove = [3,5,9]
IDL> Good = replicate(1,n_elements(a))
IDL> good[indices_to_remove]=0
IDL> good=where(good)
IDL> a=a[good]
IDL> print,a
      0   2   4   8  12  14  16  20
IDL>
```

whd

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OWE, v. To have (and to hold) a debt. The word formerly signified not indebtedness, but possession; it meant "own," and in the minds of debtors there is still a good deal of confusion between assets and liabilities.

-- Ambrose Bierce: The Devil's Dictionary
