
Subject: Re: drop array elements

Posted by [Craig Markwardt](#) on Fri, 25 Aug 2000 07:00:00 GMT

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Matthew Kay <mwk@crml.uab.edu> writes:

> Hi,
>
> Would anyone have any suggestions for an easy way
> to drop elements in an array? For example, say 'a'
> is a 14x1024 array and 'b' is a 1x25 array of row
> indices in 'a' that should be dropped. Is there
> a simple command for re-assigning 'a', without the
> 25 rows indicated in 'b'?

The best way to go after this is to rephrase the question so that BP
(b-primed) is the list of rows to *keep*. Then it's easy:

```
a = a(*,bp)
```

This, in the end, is what JD was getting after. A way to see this
more clearly might be to do it in steps like this:

```
tmp = intarr(1024) + 1    ;; Create a mask with all 1's by default  
tmp(b) = 0                ;; Zero out the discarded rows  
bp = where(tmp EQ 1, ct)   ;; Find the kept rows - compute BP  
if ct GT 0 then a = a(*,bp) ;; Extract those rows
```

Good luck,
Craig

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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
