
Subject: Re: array 'minus'

Posted by [mperrin+news](#) on Tue, 19 Aug 2003 03:13:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

tomson <tom2959@21cn.com> wrote:

> Hi, I'd like to eliminate some elements in a array. For example,
> A=[1,2,3,4,5,6,7,8,9,0]
> N=[3,6]
> I want to get a array b equal to A but without A(3) and A(6). How to do
> that?

Well, you can do something like this, using Craig Markwardt's CMSET_OP.PRO:

```
index_a = indgen(n_elements(a))
index_minus = cmset_op(index_a, "and",/not2,N)
b = a[index_minus]
```

Just bear in mind there are probably more memory-efficient ways of doing this, if you're dealing with huge arrays. For anything under a few hundred thousand elements, the above should work just fine.

- Marshall
