Subject: Re: Removing equal elements from an array
Posted by Rick Towler on Tue, 15 Aug 2006 16:30:53 GMT
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I'm sure there is a built in function that I am unaware of but here is
one way:

```
b = a - shift(a,2)
c = a[*, where(b[1,*] ne 0)]

IDL> print, a
      20.4000      30.2000
      40.3000      60.2000
      50.2000      32.4000
      50.2000      32.4000
IDL> b = a - shift(a,2)
IDL> print, b
     -29.8000     -2.20000
      19.9000      30.0000
      9.90000     -27.8000
     0.000000     0.000000
IDL> c = a[*, where(b[1,*] ne 0)]
IDL> print, c
      20.4000      30.2000
      40.3000      60.2000
      50.2000      32.4000
```

-Rick

Julio wrote:
> Another question... please help me!!
>
> I have an array 'A' with two columns, latitudes and longitudes, and
> several lines. A need to make another array with the elements of A that
> don't repeat. An example:
>
> A[0]=[20.4, 40.3, 50.2, 50.2]
> A[1]=[30.2, 60.2, 32.4, 32.4]
>
> Note that the third and fourth pairs are the same (50.2, 32.4). So, I
> need to make another array and remove one of the pairs. So, I would
> have:
>
> A[0]=[20.4, 40.3, 50.2]
> A[1]=[30.2, 60.2, 32.4]
>
> Do you have any idea how to do that??
>

> Thanks!
>
> Julio
>