
Subject: Re: Removing equal elements from an array
Posted by [Julio\[1\]](#) on Wed, 16 Aug 2006 12:20:16 GMT

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Ok guys... Excellent tips, problem solved!

Mike escreveu:

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> 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.  
>  
> Take a look at the uniq function. Here's an example:  
>  
> IDL> a=[1,2,3,4,5,6,7,7,8,8,8]  
> IDL> print, a  
>     1     2     3     4     5     6     7     7  
> 8     8     8  
> IDL> print, a[uniq(a)]  
>     1     2     3     4     5     6     7     8  
>  
> Using your data:  
>  
> IDL> A = [[20.4, 40.3, 50.2, 50.2], [30.2, 60.2, 32.4, 32.4]]  
> IDL> i = uniq(A[*,0])  
> IDL> B = [[(A[*,0])[i]], [(A[*,1])[i]]]  
> IDL>  
> IDL> print, A  
>    20.4000   40.3000   50.2000   50.2000  
>    30.2000   60.2000   32.4000   32.4000  
> IDL> print, B  
>    20.4000   40.3000   50.2000  
>    30.2000   60.2000   32.4000  
>  
> Mike
```
