
Subject: Re: Removing equal elements from an array
Posted by [Mike\[2\]](#) on Tue, 15 Aug 2006 22:40:16 GMT
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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
