
Subject: uniq slow for loop

Posted by [newerjazz](#) on Thu, 16 Jul 2009 21:52:05 GMT

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Hi All,

I have an array of [9,1,000,000]. In one of the columns are sorted numbers (eg. 0,1,1,2,3,3,3,3,3,4,4,5,5,5,6,7,7,7,etc). I want to pick out all the rows where column 9 is equal to some number and average all the quantities in those rows.

Right now I use a for loop and the where function to pick out these rows. This is of course very slow. Anyway to increase the speed of this would be greatly appreciated. Thank you very much!

Cheers,
newerjazz

```
nmax = max(data(8,*))
FOR j=0, nmax DO BEGIN
  w=where(data(8,*) eq j, nw)
  blah=mean(data(*,w))
  etc,etc
ENDFOR
```
