
Subject: Re: uniq slow for loop

Posted by [ben.bighair](#) on Fri, 17 Jul 2009 01:40:12 GMT

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On Jul 16, 5:52 pm, newerjazz <shang...@gmail.com> wrote:

> Hi All,

>

> I have an array of [9,1,000,000]. In one of the columns are sorted

> numbers (eg. 0,1,1,2,3,3,3,3,4,4,5,5,5,6,7,7,7,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

Hi,

I am pretty sure that you want a variant of histogram. I think you might be able to harness something from the following discussion.

<http://tinyurl.com/nggcx6>

Cheers,

Ben
