
Subject: Re: Array definition

Posted by [yp](#) on Wed, 08 Aug 2007 17:18:09 GMT

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On Aug 8, 6:00 pm, Melanie <mkjone...@gmail.com> wrote:

> Hi,
> I am trying to check an array of about 19000 elements for values that
> are above a certain value. I then want to save only the index of the
> larger values in a new array.

avoid FOR loop, use WHERE

indices = where(array GT value, n_wh)

>
> So, I am going through the original array with a for loop and checking
> if each value is greater than 19:
> for i=0, nelements-1 do begin
> if (array1[i] gt 19) then...
>
> Next, if the value in array1 is in fact greater than 19, I want to
> save the value of i into a new array such as
>
> if(array1[i] gt 19) then array2[...]=i
>
> But I'm not sure how to make this work such that I can write each
> subsequent i value for which the value in array1 is gt 19 into each
> subsequent space in array2...
>
> Any ideas? Please let me know if this question is not clear...
