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Subject: loop for where command

Posted by [aswatantran](#) on Wed, 09 Mar 2005 22:57:43 GMT

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i have an array eg. polygonids[1,1,2,2,3,3,3,4,5,5,5,6,6,7,7,8,8,9,10].

i want to extract all the subscripts which have the same value into separate arrays

i tried it with the where command in a loop but it doesnt seem to work because the array has varying dimensions and i would need to create it at runtime

does anybody have any suggestions on how this can be done

thanks

Anu

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Subject: Re: loop for where command

Posted by [Benjamin Hornberger](#) on Thu, 17 Mar 2005 19:45:07 GMT

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anu wrote:

> hi

>

> thanks for the tip .. it works !!

> but i am not able to extract the data further into separate arrays

>

Well, say a is your original array and you could extract all indices of ones (1's) into the variable "ones\_indices" then you can extract them into a separate array by

```
ones_array = a[ones_indices]
```

Of course, if you know that you have "count" ones in your array, this is equivalent to

```
ones_array = replicate(1, count)
```

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