
Subject: Re: help with sorting vector elements in to subarrays

Posted by [Tito](#) on Thu, 31 May 2012 13:53:24 GMT

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On Thursday, May 31, 2012 2:36:29 PM UTC+2, (unknown) wrote:

> Would this do it?

>

> for i = 0L, n_elements(ss)-1 do print,where(ss[i] eq amp)

>

> greg

Thanks for the fast answer Greg!

I all ready did something similar with:

```
for i = 0L , n_elements(ss)-1 do begin
```

```
  a = where(ss[i] eq amp,count)
```

```
  dd[i,a] = a
```

```
endfor
```

I just wanted to record this indexes in seperate arrays and use it later on.

But you are right... why not use it inside the loop???

For example:

```
for i = 0L, n_elements(ss)-1 do begin
```

```
  a = where(ss[i] eq amp,count)
```

```
  for ii = 0L, n_elements(a)-1 do spec = spec -
```

```
(amp[a[ii]]*exp((-1d0*(wave-line[a[ii]])^2d0)/var[a[ii]]))/n_elements(a)
```

```
endfor
```

I think I will be fine from now on....

Any way is there a way how to extract the needed data from ;; Now dd = Double[3, 20]

-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
3.0000000	-1.0000000	-1.0000000
4.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	6.0000000	-1.0000000
-1.0000000	7.0000000	-1.0000000
-1.0000000	8.0000000	-1.0000000
-1.0000000	-1.0000000	9.0000000
-1.0000000	-1.0000000	10.000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000

-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000

??? Just want to know.....

All the best!
