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Subject: Re: extrac subarrays

Posted by [lucsmm](#) on Wed, 19 Nov 2014 20:44:42 GMT

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On Wednesday, November 19, 2014 12:32:32 PM UTC-8, rryan@s...@gtempaccount.com wrote:

> If you can detect them with where, then why can't you just loop over the results of where?

>

> ;or some such line

> g=where(line eq 'unit unit unit...',n)

>

> for i=0,n-2 do begin

> data=lines[g(i):g(i+1)]

>

> ;now parse data accordingly

>

> endfor

>

>

>

>

>

> On Wednesday, November 19, 2014 3:26:22 PM UTC-5, lucsmm wrote:

>> I have a big file that I read as a string array and there are various sub arrays within it. I can detect where they start by using "Where" but I don't know when they end (They all have different # rows)

>> I need to extract them as a float array separately

>>

>> Any help?

>>

>> -----

>> Header

>> coment

>> coment

>> coment

>> more info

>> ...

>> Fist array

>> unit unit unit unit unit unit

>> 0.24 0.18 0.13 0.69 0.46 0.07

>> 0.83 0.77 0.14 0.61 0.15 0.20

>> 0.50 0.02 0.16 0.39 0.33 0.63

>> 0.20 0.74 0.23 0.37 0.69 0.68

>> 0.02 0.13 0.24 0.06 0.45 0.56

>> 0.64 0.50 0.88 0.31 0.12 0.93

>> 0.77 0.49 0.99 0.26 0.70 0.92

>> 0.86 0.97 0.12 0.97 0.78 0.23

>> 0.54 0.51 0.90 0.03 0.93 0.25

>> 0.34 0.66 0.86 0.30 0.39 0.67

```
>> 1.00 0.95 0.53 0.89 0.74 0.93
>> 0.39 0.71 0.03 0.37 0.53 0.35
>> 0.77 0.55 0.92 0.94 0.83 0.89
>> second array
>> unit unit unit unit unit unit
>> 0.67 0.58 0.62 0.73 0.11 0.21
>> 0.87 0.03 0.16 0.13 0.24 0.92
>> 0.86 0.71 0.91 0.13 0.53 0.54
>> 0.90 0.71 0.22 0.92 0.89 0.60
>> 0.05 0.49 0.92 0.59 0.16 0.24
>> 0.41 0.25 0.56 0.74 0.17 0.81
>> 0.39 0.48 0.42 0.03 0.75 0.80
>> 0.29 0.15 0.28 0.17 0.31 0.63
>> 0.93 0.81 0.89 0.83 0.19 0.57
>> 0.14 0.31 0.51 0.45 0.99 0.88
>> 0.38 0.38 0.17 0.97 0.88 0.16
>> 0.71 0.38 0.70 0.13 0.60 0.70
>> 0.57 0.48 0.70 0.00 0.19 0.12
>> 1.00 0.90 0.64 0.13 0.97 0.19
>> 0.78 0.41 0.61 0.05 0.43 0.52
>> 0.09 0.41 0.61 0.83 0.69 0.06
>> 0.39 0.11 0.91 0.27 0.69 0.02
>> 0.52 0.32 0.74 0.51 0.37 0.85
>> Third array
>> unit unit unit unit unit unit
>> 0.41 0.81 0.43 0.77 0.99 0.36
>> 0.28 0.63 0.63 0.84 0.17 0.08
>> 0.50 0.03 0.40 0.93 0.60 0.30
>> 0.59 0.02 0.12 0.44 0.17 0.61
>> 0.21 0.93 0.24 0.02 0.55 0.70
>> 0.10 0.44 0.40 0.29 0.30 0.82
>> 0.03 0.23 0.67 0.80 0.80 0.49
>> 0.78 0.18 0.95 0.06 0.70 0.67
>> 0.66 0.02 0.92 0.37 0.15 0.87
>> 0.53 0.71 0.99 0.18 0.72 0.46
>> -----
```

Well

I was just doing Where(file EQ First array), Where(file EQ Tenth array)

and also I don't want all the sub arrays stored

let's say I want the first and the tenth (there are like 50 sub arrays in the file)

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