Subject: Re: extrac subarrays
Posted by rryan%stsci.edu on Wed, 19 Nov 2014 20:32:31 GMT
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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, lucesmm 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
> ----------