Subject: Re: Help extracting a single column from dat file
Posted by Nikola on Sat, 09 May 2015 18:04:20 GMT
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On Saturday, May 9, 2015 at 9:30:22 AM UTC+1, JRP wrote:
> Hello,
>
> I need help extracting a single column from a sort of organized .dat file...
>
> The .dat files are structured as follows:
>
> Best filter size for grid =   8x   8, sample size =   2 has radius   9
> Best filter size for grid =   8x   8, sample size =   2 has radius   14
> Best filter size for grid =   8x   8, sample size =   3 has radius   19
>
> Hopefully someone can help me?
>
> I created these .dat files by simply copy/pasting some printed lines out of the IDL console. I
know now that there would've been a better way to output the required data, but due to the time it
takes to run these code I would like to see if there is any method of extracting a single column (In
particular I need to extract the very last number, the radius i.e 9, 14, 19...). If there is no way for
me to do this I'll just have to run everything again.
>
> Thanks in advance.

something like this will do you do the job:

```
n = FILE_LINES(filename)
data = INTARR(n)
line = ''
OPENR, un, filename, /get_lun
FOR i = 0, n-1 DO BEGIN
  READF, un, line
  data[i] = FIX(STRMID(line, 85, 8))
ENDFOR
FREE_LUN, un
```

I can think of several more elegant ways to do it, but this one is self-explanatory enough that you
can easily modify it for other columns.

Subject: Re: Help extracting a single column from dat file
Posted by JRP on Fri, 15 May 2015 06:35:05 GMT
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Thank you very much, works a charm!