
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.
