
Subject: Re: read_ascii for many rows / possible to create automatic names for variables

Posted by [britta.mey](#) on Wed, 05 Dec 2007 14:48:10 GMT

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On Dec 5, 3:38 pm, David Fanning <n...@dfanning.com> wrote:

> bmey writes:
> i'm still a beginner in programming, therefore the next question.
>
> I thought you might be. :-)
>
> When i read the whole array, how can i then proceed? I want to calculate
> for each pixel (each column) the arithmetic mean of the values and
> store these mean values as a new variable.
>
> I would do something like this.
>
> rows = File_Lines('myfile.dat')
> Openr, lun, 'myfile.dat', /Get_Lun
> line = ""
> ReadF, lun, line
> cols = N_Elements(StrSplit(line, ' ', /Extract))
> Point_lun, lun, 0
> data = FltArr(cols, rows)
> ReadF, lun, data
> Free_Lun, lun
>
> colMeans = Total(data, 2) / rows
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Hi,

thaks. I'll try and hope i will manage this :-).

Britta
