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

Posted by [David Fanning](#) on Wed, 05 Dec 2007 14:38:00 GMT

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bmev 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

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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.")
