
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

[View Forum Message](#) <> [Reply to Message](#)

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
