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Subject: Re: Reading multiple ASCII files in as 2d arrays and putting them into a 3d array

Posted by [polystethylene](#) on Sun, 15 Feb 2009 19:44:08 GMT

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On Feb 15, 7:35 pm, polystethylene <polystethyl...@hotmail.com> wrote:

> On Feb 15, 7:05 pm, David Fanning <n...@dfanning.com> wrote:

>

>

>

>> polystethylene writes:

>>> Thanks for the swift response!

>

>>> I've just tried that, and it fails with the message:

>

>>> % Attempt to subscript DATA with I is out of range.

>

>>> a quick print of framearray and data reveal that 'framearray' contains

>>> the values of the 125th file, but 'data' is full of zeros.

>

>>> Not quite sure what it's complaint means...

>

>> Whoops! Didn't notice your loop variables before.

>> IDL is a zero indexed language. Your loops will

>> have to go from 0 to n-1, not from 1 to n.

>

>> I think this might be what the error is about.

>> I think I=125 is out of bounds of your last array

>> dimension, which should go from 0 to 124.

>

>> 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.")

>

> Ah yes of course. I know that as well, that's just me being stupid.

> Actually, looking at it, I know why I set the loop from 1 to 125: I

> make use of the loop index to open each file.

>

> If I change the loop counter to 0,124, it tries to open file 000.dump,

> which doesn't exist. Is there anyway to specify i+1 in my second line?

>

> Thanks David

Nevermind, i was stupidly trying to put the +1 on the format specifier (getting mixed up between i for integer and i the index)

Thanks for all your help David, it appears to be working now.

p.s. When's the 3rd edition of your book due, is it imminent enough that I should hold out on buying the 2nd edition?

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