
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 19:35:50 GMT

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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
