Subject: Re: simple vectorizing problem
Posted by David Fanning on Thu, 11 Sep 2008 00:14:17 GMT
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dpm314 writes:

> I have these image arrays and need to perform several functions on
> them which return a scalar (or a 6 element array) for each image in a
> large stack. Is there *in general* a way to so something like:
>
> results = fltarr(num_images)
> results = myFunctThatDoesSomeAnalysis(image)
> ;now results holds an array of scalars for the result of
> myFunctThatDoesSomeAnalysis() on each image
>
> without either using a loop here or inside the analysis function
> iterating over each frame in the image?

I still don't have a good idea about what you are asking for,
but I suspect now it is because I have never worked with
a modern language. This must be something you can do in
C##.

But, I do have a great deal of confidence in saying that
in general (depending, of course, on what exactly
myFunctThatDoesSomeAnalysis actually *does*) that you
are going to need a loop *somewhere*.

IDL is *not* a modern language. It's near 25 years old.
And while it has a few tricks up its sleeve, it still has
more similarities to BASIC and FORTRAN than to C++.

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.")