Subject: Re: quickly totaling sections of an array
Posted by Conor on Tue, 13 Feb 2007 16:41:14 GMT
View Forum Message <> Reply to Message

n/m, I found my problem and the code now works exactly how I want it!
Yeah!

On Feb 13, 10:25 am, "Conor" <cmanc...@gmail.com> wrote:
> Hmm... I found sample code here:http://www.dfanning.com/code_tips/
> drizzling.html
> that claims to do the job, but that doesn't work. The first problem
> is that n_ind isn't defined. I set that to n_elements(h1)+1 and then
> ran again. Then I got this:
> % SPRSIN: Vector must have 6 elements: <FLOAT   Array[3]>
>
> Anyone happen to know what's going on here, or have a better
> suggestion?
>
> On Feb 13, 10:05 am, "Conor" <cmanc...@gmail.com> wrote:
>
>> Hey Everyone,
>>   I'm essentially trying to add together separate sections of an
>> array, and I need to do it in a very speedy fashion. Here's the
>> breakdown in IDL. I would want to take an array like this:
>
>> vals = [10, 15, 13, 12, 11, 14]
>
>> and imagine I have a mask (which I can easily make) like this:
>
>> mask = [0, 0, 0, 1, 1, 1]
>
>> I would then want to add together everything with the same mask value
>> and put it in a new array. So the result would be:
>
>> sums = [38, 37]
>
>> I'm generating images, and for each image I generate this will be done
>> 1000 times, and there will be 1000 different mask values each time it
>> is done. I'll be generating a couple hundred images, so I'll be
>> running this task a couple hundred thounsand times - i.e. execution
>> speed is very important. Any suggestions on how to speed things up
>> would be highly appreciated.
>>   Thanks in advanced,
>>   Conor