Subject: Re: regress
Posted by Jeremy Bailin on Thu, 19 Mar 2009 14:37:57 GMT
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On Mar 17, 6:47 pm, Jeremy Bailin <astroco...@gmail.com> wrote:
> On Mar 17, 5:51 pm, David Fanning <n...@dfanning.com> wrote:
>
>
>
>> anniebry...@gmail.com writes:
>>> I have two 2D arrays I would like to regress. Both were created with
>>> the variance command and are intarr(673,274). Does one of these need
>>> to be a vector? Both need to be a vector? If so, is there a way to
>>> convert them from an array to a vector? I watched someone do this
>>> very quickly yesterday, but can not remember how.
>
>> Whoops, forgot the DIMENSIONS keyword:
>
>> s = Size(array, /Dimensions)
>> vector = Reform(array, s[0]*s[1])
>
>> Cheers,
>
>> David
>> --
>> David Fanning, Ph.D.
>> Coyote's Guide to IDL Programming (www.dfanning.com)
>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
>
> Incidentally, I've often wondered if that was any more or less
> efficient than
>
> vector = (s)[*]
>
> Anyone have any thoughts?
>
> -Jeremy.

A simple test seems to suggest that there's no speed difference:

IDL> n1=512l & n2=256l
IDL> bigarray = fltarr(n1,n2)
IDL> s1=systime(/sec) & for i=1,10000 do vector=reform(bigarray,n1*n2)
& s2=systime(/sec)
IDL> print, s2-s1
      2.8659091
IDL> s3=systime(/sec) & for i=1,10000 do vector=(bigarray)[*] &
s4=systime(/sec)

IDL> print, s4-s3
      2.8190870

Not sure about internal memory usage...

-Jeremy.