Subject: Re: Invalid indices?

Posted by Michael Galloy on Thu, 29 Oct 2009 02:55:10 GMT

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Brian Larsen wrote:
> There are quite a few compile options out there, some I use normally
> and some I don't. THis second I am worrying about execution speed
> differences for compile options.
>
> I am tempted to use strictarrsubs and strictarr in all my codes,
> anyone have any thoughts on if there is a speed difference with any
> compile options? I will do a test also but I'm curious of others
> thoughts and experiences.
>
> Using this simple code I see:
> PRO run_test
> a1 = findgen(1000)
> a2 = findgen(1000)
> t0 = systime(/sec)
>   FOR i = 0UL, 1000 DO BEGIN
>   s3 = a1#a2
>   ENDFOR
> print, systime(/sec)-t0
> END
>
> no compile_opt: 7.9020839
> compile_opt strictarr: 7.9031930
> compile_opt strictarr, strictarrsubs: 7.8117480
>
> So I see no slowdown, maybe even a speedup...

I use strictarr in everything I do because of subtle, difficult issues I
have had in the past without it. I would be interested in the results of
the time tests, but I wouldn't consider stopping use of it unless the
results were very bad for it.

I use logical_predicate in special circumstances, but don't use any of
the other options. I guess I just haven't been bitten by those
particular problems yet.

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