## Subject: Re: Fast matrix filling in IDL
Posted by J.D. Smith on Wed, 16 Dec 1998 08:00:00 GMT
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Kevin Ivory wrote:
>
>> David F. wrote:
>>
>>> You must have some hot machine, Kevin. Add more zeros!
>>>
>>>  Print, systime(1) - time, Format='(F20.18)'
>
> Stein Vidar Hagfors Haugan wrote:
>>
>> ..or maybe he's just got a very "slow" clock (coarse
>> granularity). Try repeating the operations a few (10)
>> times in one-line loops.
>
> I just sent in a bug report this morning. As usual, it was rejected
> by RSI and forwarded to our local distributor, so it might take a few
> weeks before I hear about this again.
>
> At least on my machine & configuration (SuSE 5.3 + glibc extentions),
> systime() only returns full seconds. The output of the IDL time test
> is real fun, so I'll include it here:

This behavior was introduced on Linux with IDL v5.2.  I submitted a bug
report which is still pending.  How about that geometric mean!  Please
do not attempt to submit this result for inclusion in the IDLSpec
database.

By the way, a new version of idlspec which is more careful with IDL
version, machine type collection, and graphics format (24bit vs 8bit),
is on its way.  I'm targetting it at IDL v5.2, but it looks like this
will have to wait until RSI resolves the systime() issue.  Beta testers
will be welcomed.

JD

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