
Subject: Re: G4-related problem
Posted by [Jean Koclas](#) on Mon, 11 Aug 2003 22:02:02 GMT
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My lowly iBook G3 600Mhz OSX 10.2.6 with Apple X11 beta 3 passes the test...

Could the problem be related to dual processors? You get me worried, as I am thinking of upgrading to a G4 portable.

--
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In article <bh8393\$2as\$1@surz18.uni-marburg.de>,
Rudi Schafer <rudi.schaefer@physik.uni-marburg.de> wrote:

> Hi.
>
> I recently discovered a very nasty problem on my G4 (2*867, Mac OS X
> 10.2.6) running IDL 5.6.
>
> The following code should not produce any output, if everything works.
> Unfortunately, this is not the case on my G4, where the variable
> assignment "data1=data0" produces messy data in a randomly fashion. So
> it works most of the time, but once in a while, the data in "data1" will
> be corrupted. Typically, there are some zeros showing up in the array
> and some other garbage.
>
> Here is the code in question:
>
> data0=fltarr(10000)+1.
> for ii=0L, 200000 do begin & \$
> data1=data0 & \$
> if min(where(data1 eq 0)) gt 0 then begin & \$
> print, ii & ii=200001L & endif & \$
> endfor
>
>
>
> This problem did not show up on other machines I have tested (Compaq
> Alpha, a Windows PC or my iMac G3 running the same OS and IDL versions).
>
> So this can either be a G4-specific bug in IDL 5.6, a G4-specific bug in
> Mac OS X 10.2.6, or a hardware problem on my G4.
>
> Since I do not have a second G4 available, I would like to ask anyone

> with a G4 to test the code snippet given above. You can simply paste the
> code to the command line in IDL.
>
> Thank you,
> Rudi
>
>
>
> PS: What I already tested:
> - setting TPOOL_NTHREADS=1 and VECTOR_ENABLE=0
> - using different RAM
> - replacing the RAM modules
> - testing the RAM with the hardware test CD
