Subject: Re: G4-related problem Posted by Jean Koclas on Mon, 11 Aug 2003 22:02:02 GMT View Forum Message <> Reply to Message

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 <br/>
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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 (Compag 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

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> 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
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> PS: What I already tested:
> - setting TPOOL_NTHREADS=1 and VECTOR_ENABLE=0
> - using different RAM
> - replacing the RAM modules
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> - testing the RAM with the hardware test CD