
Subject: Bus Error on Mac when TVRD() is called in IDL 6.4

Posted by [ed.schmahl](#) on Fri, 21 Aug 2009 20:18:47 GMT

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I've been getting bus errors when I call TVRD() or TVREAD() on my Mac. I'm running IDL 6.4 under OS 10.4.11 on a Mac G4. All plot commands that I can think of execute successfully, and my DISPLAY environment variable is properly set (:0.0), since I'm in a single user environment.

This seems to be a different animal than the similar problem discussed by David

Fanning in 2006 for IDL 6.3 on a Mac (<http://www.dfanning.com/tips/maccrash.html>).

He includes a link to the thread,

http://groups.google.com/group/comp.lang.idl-pvwave/browse_frm/thread/90f0e0e47b99f2c1/7e3421b4f6a1273d?hl=en#7e3421b4f6a1273d

Mike Galloy pointed out there that under 6.3 the command "help, device" also caused a crash, but "help,/device" works fine for me.

IDL> help,/device

Available Graphics Devices: CGM HP LJ NULL PCL PRINTER PS REGIS TEK X
Z

Current graphics device: X

Server: X11.0, The XFree86 Project, Inc, Release 40400000

Display Depth, Size: 24 bits, (1280,800)

Visual Class: TrueColor (4)

Bits Per RGB: 8 (8/8/8)

Physical Color Map Entries (Emulated / Actual): 256 / 256

Colormap: Private, 16777216 colors. Translation table: Enabled

Graphics pixels: Combined, Dither Method: Ordered

Write Mask: 16777215 (decimal) ffffff (hex)

Graphics Function: 3 (copy)

Current Font: <default>, Current TrueType Font: <default>

Default Backing Store: Req from Server.

If my memory is correct, calls to TVRD used to work fine on this system several months ago. Could Mac's upgrades have caused this problem? Or should I upgrade X11?

Ed S.
