
Subject: Re: IDL demo bug in 5.6 on MAC OS 10.2. YES is is broken

Posted by [michele.zundo](#) on Fri, 31 Jan 2003 09:26:20 GMT

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Yes, I can confirm it.

IDL 5.6 demo crashes on all our machines (ranging from G3 iBook to G4 desktop).

Our setup :

MacOS 10.2.3

X11 libraries from Apple (not XDarwin but it should be the same)

IDL 5.6

How to make it crash:

- 1) start X11
- 2) type in Xterm mypath/idl/idldemo
- 3) the demo windows starts OK but some of the demo e.g. Orbiting Satellite, flythrough, thunderstorm consistently crash. (my guess is that are invoking a specific routine which is broken.

***** IDL crash log

Thread 0 Crashed:

```
#0 0x960a0b78 in x_hash_table_lookup
#1 0x96085404 in glXSwapBuffers
#2 0x00122bd4 in XGLFlushGraphics
#3 0x00863620 in igSrcDestFlush
#4 0x00860558 in IDL_GrSrcDestDraw
#5 0x00a02bb0 in interpreter
#6 0x00b3b1f0 in IDL_Executive
#7 0x00a060f0 in IDL_InterpCallFromSysproc
#8 0x00a91960 in call_user_cb
#9 0x00a98bf4 in internal_widget_event
#10 0x00a98d84 in IDL_widget_event
#11 0x00a02b18 in interpreter
#12 0x00b3b1f0 in IDL_Executive
#13 0x0075dbf4 in IDL_RuntimeExec
#14 0x0075dc94 in IDL_Runtime
#15 0x000027ac in main
#16 0x000023ac in _start
#17 0x000021dc in start
```

*** Console LOG

XFree86 Version 4.2.1 / X Window System

(protocol Version 11, revision 0, vendor release 6600)

Release Date: 3 September 2002

If the server is older than 6-12 months, or if your hardware is newer than the above date, look for a newer version before reporting problems. (See <http://www.XFree86.Org/FAQ>)

Operating System: Darwin OSVendor

Using keymapping provided in /System/Library/Keyboards/USA.keymapping.

PseudoramiX screen 0 added: 1024x768 @ (0,0).

PseudoramiX screen 0 placed at X11 coordinate (0,0).

[DRI] screen 0 installation complete

Screen 0 added: 1024x768 @ (0,0)

IDL Version 5.6, Mac OS X (darwin ppc m32). (c) 2002, Research Systems, Inc.

% Embedded IDL: Research Systems, Inc., IDL Demo.

% Unsupported X Windows visual (class: PseudoColor, depth: 8).

Substituting default (class: TrueColor, Depth: 24).

Jan 31 10:19:42 venezia crashdump: Crash report written to:

/Users/mzundo/Library/Logs/CrashReporter/idl.crash.log

/Applications/rsi/idl/bin/idldemo: line 23: 721 Bus error

\$IDL_DIR/bin/idl -em=\$IDL_DIR/lib/hook/demo.sav
