
Subject: : AmigaOS4

Topic: : SDL1 open issues

Re: SDL1 open issues

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URL:

@Capehill

On my system the testgl example crash if i try to start two session of it

Quote:

Crash log for task "testgl"

Generated by GrimReaper 53.19

Crash occured in module minigl.library at address 0x6D00EE94

Type of crash: DSI (Data Storage Interrupt) exception

Alert number: 0x80000003

Register dump:

GPR (General Purpose Registers):

0: 6D00EE80 4ADFC9C0 00000000 00000000 54686EC8 00000000 4ADFCA88 00000280

8: 000001E0 00000000 54686EC8 6D066420 24222848 545CEEE8 00000000 4AD8B4D8

16: 4AD8B4BC 545C0000 000001AB 20000000 545C6F14 4ADFCBA0 4ADFCB40 000003AA

24: 54686EC8 4A600000 54686E28 49A72300 4ADFCA88 00000000 49A4F000 49A6F000

FPR (Floating Point Registers, NaN = Not a Number):

0: nan 0.977316 -0.138081 0.977316

4: 0.160786 -0.138081 0 0

8: 0.977316 0.160786 -0.138081 255

12: nan 65536 0 -0

16: 0 0 0 0

20: 0 0 0 1.61895e-319

24: 0 0 2.65249e-315 0

28: 0 5 0 1

FPSCR (Floating Point Status and Control Register): 0x82000000

SPRs (Special Purpose Registers):

Machine State (msr) : 0x0002F030

Condition (cr) : 0x4520EDA0

Instruction Pointer (ip) : 0x6D00EE94

Xtended Exception (xer) : 0x018233AC

Count (ctr) : 0x00000000

Link (lr) : 0x00000000

DSI Status (dsisr) : 0x01842B34

Data Address (dar) : 0x00000000

680x0 emulated registers:

DATA: 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

ADDR: 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

FPU0: 0 0 0 0

FPU4: 0 0 0 0

Symbol info:

Instruction pointer 0x6D00EE94 belongs to module "minigl.library" (HUNK/Kickstart)

Stack trace:

module LIBS:minigl.library at 0x6D00EE94 (section 5 @ 0x4E70)

module LIBS:minigl.library at 0x6D00EE80 (section 5 @ 0x4E5C)

AmigaOS4:SOBjs/libSDL-1.2.so:os4video_GL_SwapBuffers()+0x268 (section 8 @ 0x3D5B4)

AmigaOS4:SOBjs/libSDL-1.2.so:SDL_GL_SwapBuffers()+0x48 (section 8 @ 0x27E6C)

testgl:RunGLTest()+0xc7c (section 7 @ 0x2018)

testgl:main()+0x2d8 (section 7 @ 0x26C8)

native kernel module newlib.library.kmod+0x000020ac

native kernel module newlib.library.kmod+0x00002d14

native kernel module newlib.library.kmod+0x00002ef0

testgl:_start()+0x170 (section 7 @ 0x16C)

native kernel module dos.library.kmod+0x000255c8

native kernel module kernel+0x0003e7b4

native kernel module kernel+0x0003e7fc

PPC disassembly:

6d00ee8c: 809f1fbc lwz r4,8124(r31)

6d00ee90: 7d234b78 mr r3,r9

*6d00ee94: 81290054 lwz r9,84(r9)

6d00ee98: 7d2903a6 mtctr r9

6d00ee9c: 4e800421 bctrl

System information:

CPU

Model: AMCC PPC440EP V1.3

CPU speed: 799 MHz

FSB speed: 133 MHz

Extensions:

Machine

Machine name: Sam440EP

Memory: 1048576 KB
Extensions: bus.pci