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Subject: : AmigaOS4

Topic: : SDL2

Re: SDL2

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URL:

@Capehill

As your testdraw2 from mantis are statically builded, it can't be because of sobjes of anything of that sort .. I only do that setenv about batching, and run testdraw2 --renderer opengles2, and:

Crash log for task "testdraw2"

Generated by GrimReaper 53.19

Crash occured in module ogles2.library at address 0x7F956044

Type of crash: DSI (Data Storage Interrupt) exception

Alert number: 0x80000003

Register dump:

GPR (General Purpose Registers):

0: 7F95920C 65A87B30 00000002 00000020 00000020 00000008 00000000 65A4B72C  
8: 65A23A38 00000008 00000020 00000000 24842442 633D3958 65A6AE28 65A6ADFC  
16: 16161804 16561804 00000000 00000000 000000C0 000000C0 00000000 00000004  
24: 00000030 00000000 65A4B290 00000004 00000004 65A51C08 65A4B2D0 01000193

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

0:	nan	1	1	1
4:	1	0	1	128
8:	1	0	480	0
12:	0	3.40397e-241	4.2301e+160	-1.40631e+11
16:	-1.2121e-212	4.98234e-236	-5.8721e-258	-1.25593e-63
20:	8.32648e+193	-1.96612e-298	3.65377e-220	2.48115e-265
24:	-2.35649e-265	-1.4895e-200	1.15073e-114	2.20245e-226
28:	-1.3764e-260	-1.73819e-264	4.5036e+15	0.00392157

FPSCR (Floating Point Status and Control Register): 0x82024000

SPRs (Special Purpose Registers):

Machine State (msr) : 0x0002F030

Condition (cr) : 0x00000000

Instruction Pointer (ip) : 0x7F956044

Xtended Exception (xer) : 0x62AA3ED0

Count (ctr) : 0x00000000

Link (lr) : 0x62A71EA0

DSI Status (dsisr) : 0x62A71DB0

Data Address (dar) : 0x62A71DC8

680x0 emulated registers:

DATA: 825F1900 00000000 00000000 00000000 00000000 00000000 00000000 00000000

ADDR: 6FFA4000 825ED500 00000000 00000000 00000000 00000000 00000000 65A87770

FPU0: 0 0 0 0

FPU4: 0 0 0 0

Symbol info:

Instruction pointer 0x7F956044 belongs to module "ogles2.library" (HUNK/Kickstart)

Stack trace:

module LIBS:ogles2.library at 0x7F956044 (section 0 @ 0x5020)  
module LIBS:ogles2.library at 0x7F959330 (section 0 @ 0x830C)  
module LIBS:ogles2.library at 0x7F951B24 (section 0 @ 0xB00)  
testdraw2:AmiglDrawArrays()+0x38 (section 7 @ 0xAFFE0)  
testdraw2:GLES2\_RunCommandQueue()+0x558 (section 7 @ 0x38650)  
testdraw2:SDL\_RenderPresent()+0x7c (section 7 @ 0x240C4)  
testdraw2:loop()+0xcc (section 7 @ 0x90C)  
testdraw2:main()+0x33c (section 7 @ 0xC78)  
native kernel module newlib.library.kmod+0x00002520  
native kernel module newlib.library.kmod+0x00003234  
native kernel module newlib.library.kmod+0x00003558  
testdraw2:\_start()+0x170 (section 7 @ 0x16C)  
native kernel module dos.library.kmod+0x00026724  
native kernel module kernel+0x0006b268  
native kernel module kernel+0x0006b2b0

PPC disassembly:

7f95603c: 4200fecc bdnz+ 0x7F955F08  
7f956040: 7d2903a6 mtctr r9  
\*7f956044: a10a0000 lhz r8,0(r10)  
7f956048: 394a0004 addi r10,r10,4  
7f95604c: a12afffe lhz r9,-2(r10)

100% reproducible