
Subject: : AmigaOS4

Topic: : Porting to AmigaOS4 thread

Re: Porting to AmigaOS4 thread

Author: : Raziell

Date: : 2019/9/26 5:33:51

URL:

@salass00

The outdated libc.so wasn't the problem, i still get the very same crash on accessing an engine .so 😞

Crash log for task "scummvm"

Generated by GrimReaper 53.19

Crash occurred in module scummvm at address 0x7EF5E740

Type of crash: DSI (Data Storage Interrupt) exception

Alert number: 0x80000003

Register dump:

GPR (General Purpose Registers):

0: 7EF5E714 5F18D880 93E1000C 4B7CCA08 5F2B5E79 00000003 00000000 76656E67
8: 4B7CCA22 00000000 00000000 5F18D880 00000798 5F393E5C 00000000 4E26C000
16: 7EE24740 00000000 4DEB29D0 5F2B0DD8 02B30000 02B30000 00000000 00000001
24: 6FF8C180 00000001 46844888 00000000 5F2B1850 4B7CCA08 5F3890C4 5F18D880

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

| | | | | |
|-----|------------|-------------|---|------------|
| 0: | nan | 1 | 0 | 1 |
| 4: | 1 | -1 | 1 | 0.5 |
| 8: | 240 | 0.5 | 1 | 4.5036e+15 |
| 12: | 4.5036e+15 | 2.14748e+09 | 0 | 0 |
| 16: | 0 | 0 | 0 | 0 |
| 20: | 0 | 0 | 0 | 0 |
| 24: | 0 | 0 | 0 | 0 |
| 28: | 0 | 0 | 0 | -0 |

FPSCR (Floating Point Status and Control Register): 0x82004000

SPRs (Special Purpose Registers):

Machine State (msr) : 0x0200B030

Condition (cr) : 0x5F42F7FC

Instruction Pointer (ip) : 0x7EF5E740

Xtended Exception (xer) : 0x49005018

Count (ctr) : 0x6FF494D0

Link (lr) : 0x7FB11920

DSI Status (dsisr) : 0x49004DD0

Data Address (dar) : 0x021AD048

680x0 emulated registers:

DATA: 00000001 00000000 00000000 00000000 00000000 00000000 00000000 00000000

ADDR: 6FFB8700 964B8C00 00000000 00000000 00000000 00000000 00000000 5F18D1A0

FPU0: 0 0 0 0

FPU4: 0 0 0 0

Symbol info:

Instruction pointer 0x7EF5E740 belongs to module "scummvm" (PowerPC)

Symbol: _ZN21AmigaOSFilesystemNodeC2ERKN6Common6StringE + 0x108 in section 11 offset 0x00141790

Stack trace:

[backends/fs/amigaos4/amigaos4-fs.cpp:88] scummvm:
_ZN21AmigaOSFilesystemNodeC2ERKN6Common6StringE()+0x108 (section 11 @ 0x141790)
[backends/fs/amigaos4/amigaos4-fs.cpp:82] scummvm:
_ZN21AmigaOSFilesystemNodeC2ERKN6Common6StringE()+0xdc (section 11 @ 0x141764)
[common/fs.cpp:45] scummvm:_ZN6Common6FSNodeC2ERKNS_6StringE()+0x134 (section 11 @ 0x36FD94)
[base/main.cpp:147] scummvm:_ZL7runGamePK6PluginR7OSystemRKN6Common6StringE()+0x88 (section 11 @ 0x82C4)
[base/main.cpp:566] scummvm:scummvm_main()+0xd94 (section 11 @ 0xA204)
[backends/platform/sdl/amigaos/amigaos-main.cpp:103] scummvm:main()+0x2e8 (section 11 @ 0x7A78)
native kernel module newlib.library.kmod+0x000020a4
native kernel module newlib.library.kmod+0x00002d0c
native kernel module newlib.library.kmod+0x00002ee8
scummvm:_start()+0x170 (section 11 @ 0x1AB8)
native kernel module dos.library.kmod+0x000255c8
native kernel module kernel+0x000420ac
native kernel module kernel+0x000420f4

PPC disassembly:

7ef5e738: 813e8014 lwz r9,-32748(r30)
7ef5e73c: 81290000 lwz r9,0(r9)
*7ef5e740: 83a90474 lwz r29,1140(r9)
7ef5e744: 813e8014 lwz r9,-32748(r30)
7ef5e748: 83890000 lwz r28,0(r9)

System information:

CPU
Model: P.A. Semi PWRficient PA6T-1682M VB1
CPU speed: 1800 MHz
FSB speed: 900 MHz

Extensions: altivec

Machine

Machine name: AmigaOne X1000

Memory: 2097152 KB

Extensions: bus.pci bus.pcie