
Subject: : Odyssey

Topic: : Odyssey 1.23 progress: r5 beta07

Re: Odyssey 1.23 progress

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Date: : 2014/1/28 6:31:47

URL:

@all

Binary done, current size 82mb. -20mb of static libicudata which shouldn't be there = 62mb. And 9mb of differences with morphos version can be debug in all other 3d party libs i link with. So making it about the same of size as on mos will be done.

But, as it was expected, it crashes (like again anyone think it will not:)). Crashlog looks like this:

Quote:

Crash log for task "OWB"

Generated by GrimReaper 53.16

Crash occured in module newlib.library.kmod at address 0x01B77874

Type of crash: DSI (Data Storage Interrupt) exception

Register dump:

GPR (General Purpose Registers):

0: 6FFAE000 64D6DB80 DEADBEEF 00000000 64B0E600 00000001 7E1E5ACC 7E1E4F9C

8: 64B0E8E0 64B0E640 01B5238C 01B7786C 00000478 64FA7868 00000000 65DD66C0

16: 7D478008 00000000 00000000 00340014 02290000 02290000 1948779C 00000000

24: 654DFA12 00000000 64D6DC80 00000001 64B0E640 00000001 64EAF5B0 64B0E838

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

0:	nan	0	0	0
4:	0	24.8	17.8	226
8:	2	4.5036e+15	4.5036e+15	0
12:	1	18	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) : 0x0200F030

Condition (cr) : 0x85027002

Instruction Pointer (ip) : 0x01B77874

Xtended Exception (xer) : 0x0000FFFF

Count (ctr) : 0x64B0B710

Link (lr) : 0x6573AE58

DSI Status (dsisr) : 0x64B0B6E8

Data Address (dar) : 0x65739A2C

680x0 emulated registers:

DATA: 688EE58E 00000003 00000000 00000000 00000000 00000000 00000000 00000000

ADDR: 00000000 00000000 00000000 00000000 00000000 00000000 00000000 64D6DA50

FPU0: 0 0 0 0

FPU4: 0 0 0 0

Symbol info:

Instruction pointer 0x01B77874 belongs to module "newlib.library.kmod" (HUNK/Kickstart)

Stack trace:

native kernel module newlib.library.kmod+0x0002b314

_ZN7WebCore14PNGImageReader6decodeERKNS_12SharedBufferEb()+0x70 (section 1 @ 0xD6FE34)

_ZN7WebCore15PNGImageDecoder15isSizeAvailableEv()+0x54 (section 1 @ 0xD6FB10)

_ZN7WebCore11ImageSource15isSizeAvailableEv()+0x30 (section 1 @ 0x15494C)

_ZN7WebCore11BitmapImage15isSizeAvailableEv()+0x48 (section 1 @ 0x1452D4)

_ZN7WebCore11BitmapImage11dataChangedEb()+0x14c (section 1 @ 0x145FB8)

_ZN7WebCore5Image7setDataEN3WTF10PassRefPtrINS_12SharedBufferEEEb()+0x16c (section 1 @ 0x1559F8)

_ZN7WebCore5Image20loadPlatformResourceEPKc()+0x38c (section 1 @ 0x15E5BC)

T.3013()+0x2e8 (section 1 @ 0x137A4C4)

_GLOBAL__I_BCScrollbarThemeMorphOS.cpp()+0x30 (section 1 @ 0x137A694)

native kernel module newlib.library.kmod+0x00000138

native kernel module newlib.library.kmod+0x00002088

native kernel module newlib.library.kmod+0x00002d54

native kernel module newlib.library.kmod+0x00002ee8

_start()+0x170 (section 1 @ 0x16C)

native kernel module dos.library.kmod+0x00024cd0

native kernel module kernel+0x0006acd0

native kernel module kernel+0x0006ad50

PPC disassembly:

01b7786c: 3863000f addi r3,r3,15

01b77870: 54630036 rlwinm r3,r3,0,0,27

*01b77874: 90230000 stw r1,0(r3)

01b77878: 94430004 stwu r2,4(r3)

01b7787c: 95a30004 stwu r13,4(r3)

Seeing crash it's about png decoding, i assume because on mos version fab use shared versions of png.library and jpeg.library, but through it should works as i fix them the same as in 1.16 before, by making empty libraries/png.h, and proto/png.h in which i just include <png.h> so to use it as static. Time for boring time wasting , again !:)