```
Process:              Phonix [487]
Path:                 /Applications/Phonix.app/Contents/MacOS/Phonix
Identifier:           org.vs.phonix
Version:              2017 (87)
Code Type:            X86-64 (Native)
Parent Process:       ??? [1]
Responsible:          Phonix [487]
User ID:              501

Date/Time:            2017-08-26 09:52:23.644 +0100
OS Version:           Mac OS X 10.12.6 (16G29)
Report Version:       12
Anonymous UUID:       CD828D09-ABF0-FECC-0A0C-33684956640F


Time Awake Since Boot: 5400 seconds

System Integrity Protection: disabled

Crashed Thread:       12  com.apple.appkit-heartbeat

Exception Type:       EXC_BAD_ACCESS (SIGSEGV)
Exception Codes:      KERN_INVALID_ADDRESS at 0x0000000000000000
Exception Note:       EXC_CORPSE_NOTIFY

Termination Signal:   Segmentation fault: 11
Termination Reason:   Namespace SIGNAL, Code 0xb
Terminating Process:  exc handler [0]

VM Regions Near 0:
-->
    __TEXT              000000010c14b000-000000010c3f1000 [ 2712K] r-x/rwx
SM=COW  /Applications/Phonix.app/Contents/MacOS/Phonix

Thread 0:: Dispatch queue: com.apple.main-thread
0   libsystem_kernel.dylib        0x00007fffbd4c634a mach_msg_trap + 10
1   libsystem_kernel.dylib        0x00007fffbd4c5797 mach_msg + 55
2   com.apple.CoreFoundation      0x00007fffa7c20434
__CFRunLoopServiceMachPort + 212
3   com.apple.CoreFoundation      0x00007fffa7c1f8c1 __CFRunLoopRun + 1361
4   com.apple.CoreFoundation      0x00007fffa7c1f114 CFRunLoopRunSpecific +
420
5   com.apple.HIToolbox          0x00007fffa717febc RunCurrentEventLoopInMode +
240
6   com.apple.HIToolbox          0x00007fffa717fcf1 ReceiveNextEventCommon +
432
7   com.apple.HIToolbox          0x00007fffa717fb26
_BlockUntilNextEventMatchingListInModeWithFilter + 71
8   com.apple.AppKit             0x00007fffa5718a54 _DPSNextEvent + 1120
9   com.apple.AppKit             0x00007fffa5e947ee -[NSApplication(NSEvent)
```

_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 2796
10 com.apple.AppKit   0x00007fffa570d3db -[NSApplication run] + 926
11 com.apple.AppKit   0x00007fffa56d7e0e NSApplicationMain + 1237
12 libdyld.dylib   0x00007fffbd39f235 start + 1

Thread 1:: org.sbooth.AudioEngine.Decoder
0 org.sbooth.AudioEngine   0x000000010c77b441 decode_header + 241

Thread 2:
0 libsystem_kernel.dylib   0x00007fffbd4c634a mach_msg_trap + 10
1 libsystem_kernel.dylib   0x00007fffbd4c5797 mach_msg + 55
2 com.apple.CoreFoundation   0x00007fffa7c20434
__CFRunLoopServiceMachPort + 212
3 com.apple.CoreFoundation   0x00007fffa7c1f8c1 __CFRunLoopRun + 1361
4 com.apple.CoreFoundation   0x00007fffa7c1f114 CFRunLoopRunSpecific +
420
5 com.apple.Foundation   0x00007fffa9632252 -[NSRunLoop(NSRunLoop)
runMode:beforeDate:] + 277
6 org.vs.phonix   0x000000010c1b05e1 -[STKAudioPlayer
startInternal] + 400
7 com.apple.Foundation   0x00007fffa96428ad __NSThread__start__ + 1243
8 libsystem_pthread.dylib   0x00007fffbd5b893b _pthread_body + 180
9 libsystem_pthread.dylib   0x00007fffbd5b8887 _pthread_start + 286
10 libsystem_pthread.dylib   0x00007fffbd5b808d thread_start + 13

Thread 3:: CVDisplayLink
0 libsystem_kernel.dylib   0x00007fffbd4cdbf2 __psynch_cvwait + 10
1 libsystem_pthread.dylib   0x00007fffbd5b9833 _pthread_cond_wait + 769
2 com.apple.CoreVideo   0x00007fffa92db977
CVDisplayLink::waitUntil(unsigned long long) + 233
3 com.apple.CoreVideo   0x00007fffa92db762 CVDisplayLink::runIOThread()
+ 520
4 libsystem_pthread.dylib   0x00007fffbd5b893b _pthread_body + 180
5 libsystem_pthread.dylib   0x00007fffbd5b8887 _pthread_start + 286
6 libsystem_pthread.dylib   0x00007fffbd5b808d thread_start + 13

Thread 4:: CVDisplayLink
0 libsystem_kernel.dylib   0x00007fffbd4cdbf2 __psynch_cvwait + 10
1 libsystem_pthread.dylib   0x00007fffbd5b9833 _pthread_cond_wait + 769
2 com.apple.CoreVideo   0x00007fffa92db977
CVDisplayLink::waitUntil(unsigned long long) + 233
3 com.apple.CoreVideo   0x00007fffa92db762 CVDisplayLink::runIOThread()
+ 520
4 libsystem_pthread.dylib   0x00007fffbd5b893b _pthread_body + 180
5 libsystem_pthread.dylib   0x00007fffbd5b8887 _pthread_start + 286
6 libsystem_pthread.dylib   0x00007fffbd5b808d thread_start + 13

Thread 5:
0 libsystem_kernel.dylib   0x00007fffbd4c634a mach_msg_trap + 10
1 libsystem_kernel.dylib   0x00007fffbd4c5797 mach_msg + 55

```
2   com.apple.CoreFoundation        0x00007fffa7c20434
__CFRunLoopServiceMachPort + 212
3   com.apple.CoreFoundation        0x00007fffa7c1f8c1 __CFRunLoopRun + 1361
4   com.apple.CoreFoundation        0x00007fffa7c1f114 CFRunLoopRunSpecific +
420
5   com.apple.CoreFoundation        0x00007fffa7c5eb91 CFRunLoopRun + 97
6   com.apple.Foundation            0x00007fffa96428ad __NSThread__start__ + 1243
7   libsystem_pthread.dylib         0x00007fffbd5b893b _pthread_body + 180
8   libsystem_pthread.dylib         0x00007fffbd5b8887 _pthread_start + 286
9   libsystem_pthread.dylib         0x00007fffbd5b808d thread_start + 13

Thread 6:: com.apple.NSEventThread
0   libsystem_kernel.dylib          0x00007fffbd4c634a mach_msg_trap + 10
1   libsystem_kernel.dylib          0x00007fffbd4c5797 mach_msg + 55
2   com.apple.CoreFoundation        0x00007fffa7c20434
__CFRunLoopServiceMachPort + 212
3   com.apple.CoreFoundation        0x00007fffa7c1f8c1 __CFRunLoopRun + 1361
4   com.apple.CoreFoundation        0x00007fffa7c1f114 CFRunLoopRunSpecific +
420
5   com.apple.AppKit                0x00007fffa5865f02 _NSEventThread + 205
6   libsystem_pthread.dylib         0x00007fffbd5b893b _pthread_body + 180
7   libsystem_pthread.dylib         0x00007fffbd5b8887 _pthread_start + 286
8   libsystem_pthread.dylib         0x00007fffbd5b808d thread_start + 13

Thread 7:
0   libsystem_kernel.dylib          0x00007fffbd4ce44e __workq_kernreturn + 10
1   libsystem_pthread.dylib         0x00007fffbd5b848e _pthread_wqthread + 1023
2   libsystem_pthread.dylib         0x00007fffbd5b807d start_wqthread + 13

Thread 8:: com.apple.audio.IOThread.client
0   libsystem_kernel.dylib          0x00007fffbd4c634a mach_msg_trap + 10
1   libsystem_kernel.dylib          0x00007fffbd4c5797 mach_msg + 55
2   com.apple.audio.CoreAudio       0x00007fffa7789935
HALB_MachPort::SendMessageWithReply(unsigned int, unsigned int, unsigned int,
unsigned int, mach_msg_header_t*, bool, unsigned int) + 127
3   com.apple.audio.CoreAudio       0x00007fffa77898a6
HALB_MachPort::SendSimpleMessageWithSimpleReply(unsigned int, unsigned int,
int, int&, bool, unsigned int) + 42
4   com.apple.audio.CoreAudio       0x00007fffa77868d0
HALC_ProxyIOContext::IOWorkLoop() + 1196
5   com.apple.audio.CoreAudio       0x00007fffa7786264
HALC_ProxyIOContext::IOThreadEntry(void*) + 128
6   com.apple.audio.CoreAudio       0x00007fffa7785fa3
HALB_IOThread::Entry(void*) + 75
7   libsystem_pthread.dylib         0x00007fffbd5b893b _pthread_body + 180
8   libsystem_pthread.dylib         0x00007fffbd5b8887 _pthread_start + 286
9   libsystem_pthread.dylib         0x00007fffbd5b808d thread_start + 13

Thread 9:
0   libsystem_kernel.dylib          0x00007fffbd4ce44e __workq_kernreturn + 10
```

1 libsystem_pthread.dylib   0x00007fffbd5b8621 _pthread_wqthread + 1426
2 libsystem_pthread.dylib   0x00007fffbd5b807d start_wqthread + 13

Thread 10:
0 libsystem_kernel.dylib   0x00007fffbd4ce44e __workq_kernreturn + 10
1 libsystem_pthread.dylib   0x00007fffbd5b8621 _pthread_wqthread + 1426
2 libsystem_pthread.dylib   0x00007fffbd5b807d start_wqthread + 13

Thread 11:
0 com.apple.CoreGraphics   0x00007fffa807e481
CG::Path::Subpath::apply(void*, void (*)(void*, CGPathElementType, CGPoint
const*)) const + 33
1 com.apple.CoreGraphics   0x00007fffa80e3321
CG::Path::Sequence::apply(void*, void (*)(void*, CGPathElementType, CGPoint
const*)) const + 41
2 com.apple.CoreGraphics   0x00007fffa837a408 CGPathApply + 95
3 com.apple.QuartzCore   0x00007fffad823b53
CA::Render::Path::new_path(CGPath const*, bool) + 159
4 com.apple.QuartzCore   0x00007fffad8ab72f -[CAShapeLayer
_copyRenderLayer:layerFlags:commitFlags:] + 160
5 com.apple.QuartzCore   0x00007fffad857ff9
CA::Context::commit_layer(CA::Layer*, unsigned int, unsigned int, void*) + 103
6 com.apple.QuartzCore   0x00007fffad86397c
CA::Layer::commit_if_needed(CA::Transaction*, void (*)(CA::Layer*, unsigned int,
unsigned int, void*), void*) + 330
7 com.apple.QuartzCore   0x00007fffad8638fc
CA::Layer::commit_if_needed(CA::Transaction*, void (*)(CA::Layer*, unsigned int,
unsigned int, void*), void*) + 202
8 com.apple.QuartzCore   0x00007fffad8638fc
CA::Layer::commit_if_needed(CA::Transaction*, void (*)(CA::Layer*, unsigned int,
unsigned int, void*), void*) + 202
9 com.apple.QuartzCore   0x00007fffad8638fc
CA::Layer::commit_if_needed(CA::Transaction*, void (*)(CA::Layer*, unsigned int,
unsigned int, void*), void*) + 202
10 com.apple.QuartzCore   0x00007fffad8638fc
CA::Layer::commit_if_needed(CA::Transaction*, void (*)(CA::Layer*, unsigned int,
unsigned int, void*), void*) + 202
11 com.apple.QuartzCore   0x00007fffad8638fc
CA::Layer::commit_if_needed(CA::Transaction*, void (*)(CA::Layer*, unsigned int,
unsigned int, void*), void*) + 202
12 com.apple.QuartzCore   0x00007fffad8638fc
CA::Layer::commit_if_needed(CA::Transaction*, void (*)(CA::Layer*, unsigned int,
unsigned int, void*), void*) + 202
13 com.apple.QuartzCore   0x00007fffad8638fc
CA::Layer::commit_if_needed(CA::Transaction*, void (*)(CA::Layer*, unsigned int,
unsigned int, void*), void*) + 202
14 com.apple.QuartzCore   0x00007fffad8638fc
CA::Layer::commit_if_needed(CA::Transaction*, void (*)(CA::Layer*, unsigned int,
unsigned int, void*), void*) + 202
15 com.apple.QuartzCore   0x00007fffad8638fc

CA::Layer::commit_if_needed(CA::Transaction*, void (*)(CA::Layer*, unsigned int, unsigned int, void*), void*) + 202
16 com.apple.QuartzCore   0x00007fffad858e73
CA::Context::commit_transaction(CA::Transaction*) + 1623
17 com.apple.QuartzCore   0x00007fffad74d7e1 CA::Transaction::commit()
+ 475
18 org.vs.phonix   0x000000010c1a201e -[PlaybackController
updateWaveposition:] + 812
19 com.apple.Foundation   0x00007fffa96428ad __NSThread__start__ +
1243
20 libsystem_pthread.dylib   0x00007fffbd5b893b _pthread_body + 180
21 libsystem_pthread.dylib   0x00007fffbd5b8887 _pthread_start + 286
22 libsystem_pthread.dylib   0x00007fffbd5b808d thread_start + 13

Thread 12 Crashed:: com.apple.appkit-heartbeat
0   com.apple.CoreFoundation   0x00007fffa7bc2a5a -[__NSArrayM
objectAtIndex:] + 74
1   com.apple.AppKit   0x00007fffa56fb0bd -[NSFocusStack focusedView] +
38
2   com.apple.AppKit   0x00007fffa5863fc9 -[NSFocusStack unfocusView:]
+ 50
3   com.apple.AppKit   0x00007fffa5877c7d -[NSView(NSInternal)
_recursive:displayRectIgnoringOpacity:inGraphicsContext:CGContext:topView:shoul
dChangeFontReferenceColor:] + 3216
4   com.apple.AppKit   0x00007fffa5876eb9 __46-
[NSView(NSLayerKitGlue) drawLayer:inContext:]_block_invoke + 267
5   com.apple.AppKit   0x00007fffa58769e1 -[NSView(NSLayerKitGlue)
_drawViewBackingLayer:inContext:drawingHandler:] + 1589
6   com.apple.AppKit   0x00007fffa58763a6 -[NSView(NSLayerKitGlue)
drawLayer:inContext:] + 80
7   com.apple.QuartzCore   0x00007fffad86f1cc CA::Layer::display_() +
1808
8   com.apple.AppKit   0x00007fffa587523e _NSBackingLayerDisplay +
577
9   com.apple.AppKit   0x00007fffa58684a6 -[_NSViewBackingLayer
display] + 885
10 com.apple.QuartzCore   0x00007fffad863052
CA::Layer::display_if_needed(CA::Transaction*) + 572
11 com.apple.QuartzCore   0x00007fffad86317d
CA::Layer::layout_and_display_if_needed(CA::Transaction*) + 35
12 com.apple.QuartzCore   0x00007fffad858934
CA::Context::commit_transaction(CA::Transaction*) + 280
13 com.apple.QuartzCore   0x00007fffad74d7e1 CA::Transaction::commit()
+ 475
14 com.apple.AppKit   0x00007fffa59e2a42 -[NSUIHeartBeat
_heartBeatThread:] + 2516
15 com.apple.Foundation   0x00007fffa96428ad __NSThread__start__ +
1243
16 libsystem_pthread.dylib   0x00007fffbd5b893b _pthread_body + 180
17 libsystem_pthread.dylib   0x00007fffbd5b8887 _pthread_start + 286

18 libsystem_pthread.dylib   0x00007fffbd5b808d thread_start + 13

Thread 12 crashed with X86 Thread State (64-bit):
  rax: 0x0000000000000000 rbx: 0x0000608000637580 rcx: 0x0000000000000000
rdx: 0x0000000000000000
  rdi: 0x000060800044c390 rsi: 0x00007fffa633b6a2 rbp: 0x000070000c995e40
rsp: 0x000070000c995e38
   r8: 0x0000000000000000   r9: 0x0000000000000001 r10: 0x00007fffc2c41c30
r11: 0x00007fd97787ac20
  r12: 0x0000000000000000 r13: 0x00006100001fad00 r14: 0x00006100001fad00
r15: 0x0000000000000010
  rip: 0x00007fffa7bc2a5a rfl: 0x0000000000010246 cr2: 0x0000000000000000

Logical CPU: 1
Error Code: 0x00000004
Trap Number: 14

Binary Images:
      0x10c14b000 -   0x10c3f0ffb +org.vs.phonix (2017 - 87)
<652BCEA4-5900-3F74-8BD4-776A0041F072> /Applications/Phonix.app/Contents/
MacOS/Phonix
      0x10c4dd000 -   0x10c539ff7 com.apple.audio.CoreAudioKit (1.6.6 - 1.6.6)
<DD6F8D1F-69EE-335A-8654-72B24E25423D> /System/Library/Frameworks/
CoreAudioKit.framework/Versions/A/CoreAudioKit
      0x10c580000 -   0x10c8b7ff7 +org.sbooth.AudioEngine (1.0 - 1)
<2AEEF6CB-6249-3F0E-88C5-5F8C0BFD01C0> /Applications/Phonix.app/
Contents/Frameworks/SFBAudioEngine.framework/Versions/A/SFBAudioEngine
      0x10c981000 -   0x10c9bfff7 com.apple.audio.midi.CoreMIDI (1.10 - 88)
<5E2D1F53-B466-312E-AEA7-117B68C9A7F0> /System/Library/Frameworks/
CoreMIDI.framework/Versions/A/CoreMIDI
      0x10c9e7000 -   0x10cb13ff7 com.apple.AudioVideoBridging (503.2 - 503.2)
<90DFEC17-1857-3C9E-BDFC-41AFE115296A> /System/Library/Frameworks/
AudioVideoBridging.framework/Versions/A/AudioVideoBridging
      0x10cbcf000 -   0x10cbe8ffb libexpat.1.dylib (15) <F48F1B7B-
BEB4-32EE-8C5D-0370096F3864> /usr/lib/libexpat.1.dylib
      0x10cbf8000 -   0x10cc0cff3 com.apple.AudioServerApplication (1.0 - 200.9)
<4977039B-FC27-3D6E-9B3E-81B3071ADBB3> /System/Library/
PrivateFrameworks/AudioServerApplication.framework/Versions/A/
AudioServerApplication
      0x10cc1f000 -   0x10cc2efff com.apple.TimeSync (1.0 - 500.27)
<8C1B7D3F-2229-3494-924D-89D700C15E70> /System/Library/
PrivateFrameworks/TimeSync.framework/Versions/A/TimeSync
      0x10cc40000 -   0x10ccafff7 +org.kde.taglib (1.57 - 1.0)
<8B059F10-2476-372E-BA5B-B9840CF7C220> /Applications/Phonix.app/Contents/
Frameworks/SFBAudioEngine.framework/Versions/A/Frameworks/taglib.framework/
Versions/A/taglib
      0x10cf55000 -   0x10cf59fff com.apple.audio.AppleHDAHALPlugIn (279.48 -
279.48) <ECA84145-2AC4-347D-BBC0-933AAAC15356> /System/Library/
Extensions/AppleHDA.kext/Contents/PlugIns/AppleHDAHALPlugIn.bundle/Contents/

MacOS/AppleHDAHALPlugIn

0x10d88c000 -   0x10d8c9dc7 dyld (433.5) <322C06B7-8878-311D-888C-C8FD2CA96FF3> /usr/lib/dyld

0x10fa07000 -   0x10fb6efff com.apple.audio.units.Components (1.14 - 1.14) <C79BB0B7-9231-316F-A48D-BA93A68EA7ED> /System/Library/Components/CoreAudio.component/Contents/MacOS/CoreAudio

0x10fc05000 -   0x110190fff +de.mzuther.KMeter (2.4.1 - 2.4.1) <52CE847A-F66D-33B6-B6ED-EA22AB2246B1> /Applications/Phonix.app/Contents/Resources/K-Meter.component/Contents/MacOS/K-Meter

0x111cbd000 -   0x111e63fff GLEngine (14.0.16) <08F2E804-13D2-3E80-9322-1A23A84A55F3> /System/Library/Frameworks/OpenGL.framework/Resources/GLEngine.bundle/GLEngine

0x111ea2000 -   0x112a04fff com.nvidia.web.GeForceGLDriverWeb (10.18.5 - 10.1.8) <88AD73B6-F980-31A5-91F9-6F2FFC061E33> /System/Library/Extensions/GeForceGLDriverWeb.bundle/Contents/MacOS/GeForceGLDriverWeb

0x1133dd000 -   0x11467aff7 libclhWeb.dylib (0) <13BEEF3E-E7BE-3B5C-B88D-61E4B520E0BB> /System/Library/Extensions/GeForceGLDriverWeb.bundle/Contents/MacOS/libclhWeb.dylib

0x114748000 -   0x114772fff GLRendererFloat (14.0.16) <6B57F70A-EFAC-3DB2-B9BA-E55D05D44DB5> /System/Library/Frameworks/OpenGL.framework/Resources/GLRendererFloat.bundle/GLRendererFloat

0x115077000 -   0x11507bfff libFontRegistryUI.dylib (196.4) <4EEE5715-A024-3A4B-BF0E-D55325B8E129> /System/Library/Frameworks/ApplicationServices.framework/Frameworks/ATS.framework/Resources/libFontRegistryUI.dylib

0x1150eb000 -   0x1150ecfff ATSHI.dylib (422.2) <CA464560-5DFB-30F3-8D31-9A9B9AB56721> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/ATSHI.dylib

0x115131000 -   0x11548ffff com.nvidia.web.GeForceMTLDriverWeb (10.18.5 - 10.1.8) <0BF3BE28-C17B-387C-8727-9A267DCCF78F> /System/Library/Extensions/GeForceMTLDriverWeb.bundle/Contents/MacOS/GeForceMTLDriverWeb

0x11d321000 -   0x11d322ff1 +cl_kernels (???) <4107A4FC-241C-455F-B16C-13A3A2E88993> cl_kernels

0x11f6cd000 -   0x11f7b3fff unorm8_bgra.dylib (2.8.5) <74CB9618-8EDC-336E-A994-C5A1612BD32E> /System/Library/Frameworks/OpenCL.framework/Versions/A/Libraries/ImageFormats/unorm8_bgra.dylib

0x12cec8000 -   0x12d240ff7 com.apple.audio.codecs.Components (7.0 - 7.0) <6550F01F-BDB0-389B-8148-DC1B52B41E8D> /System/Library/Components/AudioCodecs.component/Contents/MacOS/AudioCodecs

0x7fffa2849000 -   0x7fffa2b8eff7 com.apple.RawCamera.bundle (7.04 - 914) <86A67D11-9791-3CE6-9FF5-3387C0AB925B> /System/Library/CoreServices/RawCamera.bundle/Contents/MacOS/RawCamera

0x7fffa43c5000 -   0x7fffa4586fff com.apple.avfoundation (2.0 - 1187.36) <2F390EAD-07BB-3788-9E73-13104C2E04CD> /System/Library/Frameworks/AVFoundation.framework/Versions/A/AVFoundation

0x7fffa4587000 -   0x7fffa4629ff7 com.apple.audio.AVFAudio (1.0 - ???) <7997D588-B542-3EBB-B822-D719C1114BB4> /System/Library/Frameworks/AVFoundation.framework/Versions/A/Frameworks/AVFAudio.framework/Versions/A/

AVFAudio
    0x7fffa46f4000 -   0x7fffa46f4fff com.apple.Accelerate (1.11 - Accelerate 1.11)
<916E360F-323C-3AE1-AB3D-D1F3B284AEE9> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Accelerate
    0x7fffa46f5000 -   0x7fffa470cffb libCGInterfaces.dylib (331.5) <17109679-
A284-3C72-AA60-DBA815D3062B> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/
Libraries/libCGInterfaces.dylib
    0x7fffa470d000 -   0x7fffa4c26feb com.apple.vImage (8.1 - ???) <B58A7937-
BEE2-38FE-87F4-5D5F40D31DC9> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/
vImage
    0x7fffa4c27000 -   0x7fffa4d98ff3 libBLAS.dylib (1185.50.4)
<4087FFE0-627E-3623-96B4-F0A9A1991E09> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libBLAS.dylib
    0x7fffa4d99000 -   0x7fffa4dadffb libBNNS.dylib (15)
<254698C7-7D36-3FFF-864E-ADEEEE543076> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libBNNS.dylib
    0x7fffa4dae000 -   0x7fffa51a4fef libLAPACK.dylib (1185.50.4) <C35FFB2F-
A0E6-3903-8A3C-113A74BCBCA2> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libLAPACK.dylib
    0x7fffa51a5000 -   0x7fffa51bbfff libLinearAlgebra.dylib (1185.50.4)
<345CAACF-7263-36EF-B69B-793EA8B390AF> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libLinearAlgebra.dylib
    0x7fffa51bc000 -   0x7fffa51c2fff libQuadrature.dylib (3) <EF56C8E6-
DE22-3C69-B543-A8648F335FDD> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libQuadrature.dylib
    0x7fffa51c3000 -   0x7fffa51d7ff7 libSparseBLAS.dylib (1185.50.4) <67BA432E-
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loginsupport.framework/Versions/A/loginsupport
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<897462FD-B318-321B-A554-E61982630F7E> /usr/lib/system/
libsystem_platform.dylib
    0x7fffbd5b5000 -   0x7fffbd5bfff7 libsystem_pthread.dylib (218.60.3)
<B8FB5E20-3295-39E2-B5EB-B464D1D4B104> /usr/lib/system/
libsystem_pthread.dylib
    0x7fffbd5c0000 -   0x7fffbd5c3ff7 libsystem_sandbox.dylib (592.70.1)
<4B92EC49-ACD0-36AE-B07A-A2B8152EAF9D> /usr/lib/system/
libsystem_sandbox.dylib
    0x7fffbd5c4000 -   0x7fffbd5c5ff3 libsystem_secinit.dylib (24.50.4)
<F78B847B-3565-3E4B-98A6-F7AD40392E2D> /usr/lib/system/
libsystem_secinit.dylib
    0x7fffbd5c6000 -   0x7fffbd5cdffb libsystem_symptoms.dylib (532.50.47)
<3390E07C-C1CE-348F-ADBD-2C5440B45EAA> /usr/lib/system/
libsystem_symptoms.dylib
    0x7fffbd5ce000 -   0x7fffbd5e1ff7 libsystem_trace.dylib (518.70.1)
<AC63A7FE-50D9-3A30-96E6-F6B7FF16E465> /usr/lib/system/
libsystem_trace.dylib

0x7fffbd5e2000 -   0x7fffbd5e7ffb libunwind.dylib (35.3) <3D50D8A8-C460-334D-A519-2DA841102C6B> /usr/lib/system/libunwind.dylib
        0x7fffbd5e8000 -   0x7fffbd611ff7 libxpc.dylib (972.70.1) <BF896DF0-D8E9-31A8-A4B3-01120BFEEE52> /usr/lib/system/libxpc.dylib

External Modification Summary:
  Calls made by other processes targeting this process:
    task_for_pid: 25
    thread_create: 0
    thread_set_state: 0
  Calls made by this process:
    task_for_pid: 0
    thread_create: 0
    thread_set_state: 0
  Calls made by all processes on this machine:
    task_for_pid: 5707
    thread_create: 0
    thread_set_state: 0

VM Region Summary:
ReadOnly portion of Libraries: Total=391.0M resident=0K(0%)
swapped_out_or_unallocated=391.0M(100%)
Writable regions: Total=465.9M written=0K(0%) resident=0K(0%)
swapped_out=0K(0%) unallocated=465.9M(100%)

                       VIRTUAL   REGION
REGION TYPE   SIZE   COUNT (non-coalesced)
===========   ======= =======
ATS (font support)   31.9M   6
ATS (font support) (reserved)   4K   2   reserved VM address space
(unallocated)
Accelerate framework   768K   5
Activity Tracing   256K   2
CG backing stores   360K   9
CG image   344K   44
CoreAnimation   8804K   48
CoreAnimation (reserved)   12K   4   reserved VM address space
(unallocated)
CoreUI image data   2388K   28
CoreUI image file   292K   5
Foundation   24K   3
IOKit   7940K   2
Image IO   2892K   9
Kernel Alloc Once   8K   2
MALLOC   388.3M   108
MALLOC guard page   48K   10
MALLOC_LARGE (reserved)   128K   2   reserved VM address space
(unallocated)
Memory Tag 242   12K   2
Memory Tag 249   156K   3

```
Memory Tag 251              44K      4
OpenCL               16K      3
OpenGL GLSL          256K      4
STACK GUARD          56.0M     14
Stack            14.1M    14
VM_ALLOCATE          296K      37
VM_ALLOCATE (reserved)      36K      2      reserved VM address space
(unallocated)
__DATA           44.2M    321
__GLSLBUILTINS       2588K     2
__IMAGE          528K     2
__LINKEDIT       119.8M    25
__TEXT           271.2M    316
__UNICODE            556K     2
mapped file          52.4M    29
shared memory        16.4M     16
===========          ======= =======
TOTAL            1.0G     1051
TOTAL, minus reserved VM space    1.0G     1051
```

Model: iMac15,1, BootROM IM151.0211.B00, 4 processors, Intel Core i5, 3.49 GHz, 16 GB, SMC 2.22f16
Graphics: NVIDIA GeForce GTX 1050 Ti, NVIDIA GeForce GTX 1050 Ti, PCIe, 4095 MB
Memory Module: BANK 0/DIMM0, 4 GB, DDR3, 1333 MHz, Corsair, CML8GX3M2A1600C9
Memory Module: BANK 1/DIMM0, 4 GB, DDR3, 1333 MHz, Corsair, CML8GX3M2A1600C9
Memory Module: BANK 0/DIMM1, 4 GB, DDR3, 1333 MHz, Corsair, CML8GX3M2A1600C9
Memory Module: BANK 1/DIMM1, 4 GB, DDR3, 1333 MHz, Corsair, CML8GX3M2A1600C9
AirPort: spairport_wireless_card_type_airport_extreme (0x168C, 0x8F), Atheros 9280: 4.0.74.0-P2P
Network Service: Wi-Fi, AirPort, en1
PCI Card: Intel 9 Series Chipset Family USB xHCI Host Controller, USB Controller, Built In
PCI Card: Intel I218V2 PCI Express Gigabit Ethernet, Ethernet Controller, Built In
PCI Card: Intel 9 Series Chipset Family SATA Controller, AHCI Controller, Built In
PCI Card: Intel 9 Series Chipset Family USB EHCI Host Controller #2, USB Controller, Built In
PCI Card: Realtek ALC887 Audio Controller, Audio Controller, Built In
PCI Card: Intel 9 Series Chipset Family USB EHCI Host Controller #1, USB Controller, Built In
PCI Card: NVIDIA GeForce GTX 1050 Ti, Display Controller, PCI Slot 0
Serial ATA Device: INTEL SSDSC2BW120A4, 120.03 GB
Serial ATA Device: WDC WD10EZEX-00BN5A0, 1 TB
Serial ATA Device: WDC WD20EZRZ-00Z5HB0, 2 TB
Serial ATA Device: KINGSTON SV300S37A120G, 120.03 GB
Serial ATA Device: WDC WD5000AAKX-00ERMA0, 500.11 GB

Serial ATA Device: PLEXTOR DVDR   PX-810SA
USB Device: USB 2.0 Bus
USB Device: Hub
USB Device: USB 2.0 Bus
USB Device: Hub
USB Device: USB 3.0 Bus
USB Device: Microsoft® Digital Media Keyboard 3000
USB Device: Razer Imperator
USB Device: USB Storage
USB Device: Microsoft® LifeCam HD-3000
Thunderbolt Bus: