

# Kerbal Space Program - Bug #4777

## Crash Report

04/28/2015 02:55 AM - JohannesMP

<b>Status:</b>	Closed	<b>Start date:</b>	04/28/2015
<b>Severity:</b>	Low	<b>% Done:</b>	100%
<b>Assignee:</b>			
<b>Category:</b>	Bug Tracker		
<b>Target version:</b>			
<b>Version:</b>	1.0	<b>Language:</b>	English (US)
<b>Platform:</b>	OSX	<b>Mod Related:</b>	No
<b>Expansion:</b>			

### Description

Non-reproducible, crashed when reverting from the plane runway straight to the SPH, moments after launching.

Process: KSP [7049]  
Path: /Volumes/VOLUME/\*/KSP.app/Contents/MacOS/KSP  
Identifier: unity.Squad.Kerbal Space Program  
Version: Unity Player version 4.6.4f1 (4.6.4f1)  
Code Type: X86 (Native)  
Parent Process: ??? [1]  
Responsible: KSP [7049]  
User ID: 501

Date/Time: 2015-04-27 19:52:17.811 -0700  
OS Version: Mac OS X 10.10.3 (14D136)  
Report Version: 11  
Anonymous UUID: 971FAA15-0908-DBE5-7B79-6DA30EA662B3

Time Awake Since Boot: 18000 seconds

Crashed Thread: 0 MainThrd Dispatch queue: com.apple.main-thread

Exception Type: EXC\_BAD\_ACCESS (SIGABRT)  
Exception Codes: KERN\_INVALID\_ADDRESS at 0x0000000000000130

VM Regions Near 0x130:

-->  
\_\_TEXT 000000000001000-0000000000b80000 [ 11.5M] r-x/rwx SM=COW  
/Volumes/VOLUME/\*/KSP.app/Contents/MacOS/KSP

Application Specific Information:  
abort() called

Thread 0 Crashed:: MainThrd Dispatch queue: com.apple.main-thread  
0 libsystem\_kernel.dylib 0x94c5269a pthread\_kill + 10  
1 libsystem\_pthread.dylib 0x9663df19 pthread\_kill + 101  
2 libsystem\_c.dylib 0x911a3eee abort + 156  
3 libmono.0.dylib 0x0135c51d mono\_handle\_native\_sigsegv + 881  
4 libmono.0.dylib 0x01395c3a sigabrt\_signal\_handler + 99  
5 libsystem\_platform.dylib 0x9019503b \_sigtramp + 43  
6 ? 0xffffffff 0 + 4294967295  
7 libmono.0.dylib 0x01395bd7 sigusr1\_signal\_handler + 159  
8 libsystem\_c.dylib 0x911a3eee abort + 156  
9 unity.Squad.Kerbal Space Program 0x0034a822 HandleSignal(int, \_\_siginfo\*, void\*) + 34  
10 libmono.0.dylib 0x0139581a mono\_chain\_signal + 76  
11 libmono.0.dylib 0x012dfae2 mono\_sigsegv\_signal\_handler + 234  
12 libsystem\_platform.dylib 0x9019503b \_sigtramp + 43  
13 ? 0xffffffff 0 + 4294967295  
14 libmono.0.dylib 0x012df9f8 mono\_sigill\_signal\_handler + 59

```

15 unity.Squad.Kerbal Space Program 0x007fc044 Scene::doExecWheels() + 48
16 unity.Squad.Kerbal Space Program 0x007fa177 Scene::runSubstep() + 621
17 unity.Squad.Kerbal Space Program 0x007f9c97 Scene::simulate(unsigned int, unsigned int) + 267
18 unity.Squad.Kerbal Space Program 0x008eab32 NpScene::executeScene() + 302
19 unity.Squad.Kerbal Space Program 0x00493c84 PhysicsManager::FixedUpdate() + 196
20 unity.Squad.Kerbal Space Program 0x0049269a PhysicsManager::InitializeClass():PhysicsFixedUpdate::Forward() + 26
21 unity.Squad.Kerbal Space Program 0x002f1fc3 PlayerLoop(bool, bool, IHookEvent*) + 1139
22 unity.Squad.Kerbal Space Program 0x0065e65c-[PlayerAppDelegate UpdatePlayer] + 252
23 com.apple.Foundation 0x9b54d6cf __NSFireTimer + 119
24 com.apple.CoreFoundation 0x9bcc7006 __CFRUNLOOP_IS_CALLING_OUT_TO_A_TIMER_CALLBACK_FUNCTION +
25 com.apple.CoreFoundation 0x9bcc6ab4 __CFRunLoopDoTimer + 1316
26 com.apple.CoreFoundation 0x9bd4254f __CFRunLoopDoTimers + 351
27 com.apple.CoreFoundation 0x9bc7e531 __CFRunLoopRun + 2081
28 com.apple.CoreFoundation 0x9bc7daa6 CFRunLoopRunSpecific + 390
29 com.apple.CoreFoundation 0x9bc7d90b CFRunLoopRunInMode + 123
30 com.apple.HIToolbox 0x990ee8f8 RunCurrentEventLoopInMode + 262
31 com.apple.HIToolbox 0x990ee631 ReceiveNextEventCommon + 494
32 com.apple.HIToolbox 0x990ee42c BlockUntilNextEventMatchingListInModeWithFilter + 99
33 com.apple.AppKit 0x9223c721 _DPSNextEvent + 742
34 com.apple.AppKit 0x9223bdc5-[NSApplication nextEventMatchingMask:untilDate:inMode:dequeue:] + 350
35 com.apple.AppKit 0x9223077c-[NSApplication run] + 907
36 com.apple.AppKit 0x921a5bc0 NSApplicationMain + 2082
37 unity.Squad.Kerbal Space Program 0x0065e3ab PlayerMain(int, char const**) + 731
38 unity.Squad.Kerbal Space Program 0x00003095 start + 53

```

Thread 1:: Dispatch queue: com.apple.libdispatch-manager

```

0 libsystem_kernel.dylib 0x94c538ce kevent64 + 10
1 libdispatch.dylib 0x9107e73f _dispatch_mgr_invoke + 245
2 libdispatch.dylib 0x9107e3a2 _dispatch_mgr_thread + 52

```

Thread 2:

```

0 libsystem_kernel.dylib 0x94c4ca0a semaphore_wait_trap + 10
1 libmono.0.dylib 0x01480a55 mono_sem_wait + 33
2 libmono.0.dylib 0x013c6cc1 finalizer_thread + 219
3 libmono.0.dylib 0x014438f5 start_wrapper + 534
4 libmono.0.dylib 0x01477334 thread_start_routine + 265
5 libmono.0.dylib 0x0149d2b1 GC_start_routine + 108
6 libsystem_pthread.dylib 0x9663be13 _pthread_body + 138
7 libsystem_pthread.dylib 0x9663bd89 _pthread_start + 162
8 libsystem_pthread.dylib 0x96639e52 thread_start + 34

```

Thread 3:: UnityLookForNewInputDevices

```

0 libsystem_kernel.dylib 0x94c4c9ce mach_msg_trap + 10
1 libsystem_kernel.dylib 0x94c4ba70 mach_msg + 68
2 com.apple.CoreFoundation 0x9bc7eef6 __CFRunLoopServiceMachPort + 214
3 com.apple.CoreFoundation 0x9bc7e309 __CFRunLoopRun + 1529
4 com.apple.CoreFoundation 0x9bc7daa6 CFRunLoopRunSpecific + 390
5 com.apple.CoreFoundation 0x9bd415c1 CFRunLoopRun + 129
6 unity.Squad.Kerbal Space Program 0x006695e4 LookForNewDevices(void*) + 452
7 unity.Squad.Kerbal Space Program 0x003ba491 Thread::RunThreadWrapper(void*) + 65
8 libsystem_pthread.dylib 0x9663be13 _pthread_body + 138
9 libsystem_pthread.dylib 0x9663bd89 _pthread_start + 162
10 libsystem_pthread.dylib 0x96639e52 thread_start + 34

```

Thread 4:: UnityGfxDeviceWorker

```

0 libsystem_kernel.dylib 0x94c4ca22 semaphore_timedwait_trap + 10
1 com.apple.CoreServices.CarbonCore 0x970bed28 MPWaitOnSemaphore + 120
2 unity.Squad.Kerbal Space Program 0x00675482 PlatformSemaphore::WaitForSignal() + 34
3 unity.Squad.Kerbal Space Program 0x003bb586 ThreadedStreamBuffer::HandleReadOverflow(unsigned int&, unsigned int&) +
118
4 unity.Squad.Kerbal Space Program 0x00699c40 GfxDeviceWorker::RunCommand(ThreadedStreamBuffer&) + 80
5 unity.Squad.Kerbal Space Program 0x00699abf GfxDeviceWorker::RunGfxDeviceWorker(void*) + 79
6 unity.Squad.Kerbal Space Program 0x003ba491 Thread::RunThreadWrapper(void*) + 65
7 libsystem_pthread.dylib 0x9663be13 _pthread_body + 138
8 libsystem_pthread.dylib 0x9663bd89 _pthread_start + 162
9 libsystem_pthread.dylib 0x96639e52 thread_start + 34

```

Thread 5:: UnityWorker

```
0 libsystem_kernel.dylib      0x94c4ca22 semaphore_timedwait_trap + 10
1 com.apple.CoreServices.CarbonCore 0x970bed28 MPWaitOnSemaphore + 120
2 unity.Squad.Kerbal Space Program 0x00675482 PlatformSemaphore::WaitForSignal() + 34
3 unity.Squad.Kerbal Space Program 0x003b97c3 JobScheduler::WorkLoop(void*) + 99
4 unity.Squad.Kerbal Space Program 0x003ba491 Thread::RunThreadWrapper(void*) + 65
5 libsystem_pthread.dylib      0x9663be13 _pthread_body + 138
6 libsystem_pthread.dylib      0x9663bd89 _pthread_start + 162
7 libsystem_pthread.dylib      0x96639e52 thread_start + 34
```

Thread 6:: UnityWorker

```
0 libsystem_kernel.dylib      0x94c4ca22 semaphore_timedwait_trap + 10
1 com.apple.CoreServices.CarbonCore 0x970bed28 MPWaitOnSemaphore + 120
2 unity.Squad.Kerbal Space Program 0x00675482 PlatformSemaphore::WaitForSignal() + 34
3 unity.Squad.Kerbal Space Program 0x003b97c3 JobScheduler::WorkLoop(void*) + 99
4 unity.Squad.Kerbal Space Program 0x003ba491 Thread::RunThreadWrapper(void*) + 65
5 libsystem_pthread.dylib      0x9663be13 _pthread_body + 138
6 libsystem_pthread.dylib      0x9663bd89 _pthread_start + 162
7 libsystem_pthread.dylib      0x96639e52 thread_start + 34
```

Thread 7:: UnityWorker

```
0 libsystem_kernel.dylib      0x94c4ca22 semaphore_timedwait_trap + 10
1 com.apple.CoreServices.CarbonCore 0x970bed28 MPWaitOnSemaphore + 120
2 unity.Squad.Kerbal Space Program 0x00675482 PlatformSemaphore::WaitForSignal() + 34
3 unity.Squad.Kerbal Space Program 0x003b97c3 JobScheduler::WorkLoop(void*) + 99
4 unity.Squad.Kerbal Space Program 0x003ba491 Thread::RunThreadWrapper(void*) + 65
5 libsystem_pthread.dylib      0x9663be13 _pthread_body + 138
6 libsystem_pthread.dylib      0x9663bd89 _pthread_start + 162
7 libsystem_pthread.dylib      0x96639e52 thread_start + 34
```

Thread 8:

```
0 libsystem_kernel.dylib      0x94c4ca0a semaphore_wait_trap + 10
1 unity.Squad.Kerbal Space Program 0x00060ac3 algThreadJobQueueThreadFunc + 35
2 libsystem_pthread.dylib      0x9663bd89 _pthread_start + 162
3 libsystem_pthread.dylib      0x96639e52 thread_start + 34
```

Thread 9:

```
0 libsystem_kernel.dylib      0x94c4ca0a semaphore_wait_trap + 10
1 unity.Squad.Kerbal Space Program 0x00060ac3 algThreadJobQueueThreadFunc + 35
2 libsystem_pthread.dylib      0x9663bd89 _pthread_start + 162
3 libsystem_pthread.dylib      0x96639e52 thread_start + 34
```

Thread 10:

```
0 libsystem_kernel.dylib      0x94c4ca0a semaphore_wait_trap + 10
1 unity.Squad.Kerbal Space Program 0x00060ac3 algThreadJobQueueThreadFunc + 35
2 libsystem_pthread.dylib      0x9663bd89 _pthread_start + 162
3 libsystem_pthread.dylib      0x96639e52 thread_start + 34
```

Thread 11:: UnitySubstanceThread

```
0 libsystem_kernel.dylib      0x94c4ca22 semaphore_timedwait_trap + 10
1 com.apple.CoreServices.CarbonCore 0x970bed28 MPWaitOnSemaphore + 120
2 unity.Squad.Kerbal Space Program 0x00675482 PlatformSemaphore::WaitForSignal() + 34
3 unity.Squad.Kerbal Space Program 0x00280e5b SubstanceSystem::ThreadMain(void*) + 59
4 unity.Squad.Kerbal Space Program 0x003ba491 Thread::RunThreadWrapper(void*) + 65
5 libsystem_pthread.dylib      0x9663be13 _pthread_body + 138
6 libsystem_pthread.dylib      0x9663bd89 _pthread_start + 162
7 libsystem_pthread.dylib      0x96639e52 thread_start + 34
```

Thread 12:: com.apple.audio.IOThread.client

```
0 libsystem_kernel.dylib      0x94c4c9ce mach_msg_trap + 10
1 libsystem_kernel.dylib      0x94c4ba70 mach_msg + 68
2 com.apple.audio.CoreAudio     0x92ec1bb0 HALB_MachPort::SendMessageWithReply(unsigned int, unsigned int, unsigned long, unsigned long, mach_msg_header_t*, bool, unsigned int) + 142
3 com.apple.audio.CoreAudio     0x92eba6fe HALB_MachPort::SendSimpleMessageWithSimpleReply(unsigned int, unsigned int, int, int&, bool, unsigned int) + 72
4 com.apple.audio.CoreAudio     0x92eb8c1e HALC_ProxyIOContext::IOWorkLoop() + 1148
5 com.apple.audio.CoreAudio     0x92eb867a HALC_ProxyIOContext::IOThreadEntry(void*) + 156
```

```
6 com.apple.audio.CoreAudio 0x92ec4d09 __ZN19HALC_ProxyIOContextC2Emj_block_invoke + 20
7 com.apple.audio.CoreAudio 0x92eb8591 HALB_IOThread::Entry(void*) + 173
8 libsystem_pthread.dylib 0x9663be13 _pthread_body + 138
9 libsystem_pthread.dylib 0x9663bd89 _pthread_start + 162
10 libsystem_pthread.dylib 0x96639e52 thread_start + 34
```

Thread 13:

```
0 libsystem_kernel.dylib 0x94c528f6 __semwait_signal + 10
1 libsystem_c.dylib 0x911c3c06 nanosleep$UNIX2003 + 218
2 libsystem_c.dylib 0x911c3ab2 usleep$UNIX2003 + 60
3 unity.Squad.Kerbal Space Program 0x00a48b45 FMOD_OS_Time_Sleep(unsigned int) + 21
4 unity.Squad.Kerbal Space Program 0x00a2d031 FMOD::Thread::callback(void*) + 49
5 libsystem_pthread.dylib 0x9663be13 _pthread_body + 138
6 libsystem_pthread.dylib 0x9663bd89 _pthread_start + 162
7 libsystem_pthread.dylib 0x96639e52 thread_start + 34
```

Thread 14:: UnityPreload

```
0 libsystem_kernel.dylib 0x94c4ca22 semaphore_timedwait_trap + 10
1 com.apple.CoreServices.CarbonCore 0x970bed28 MPWaitOnSemaphore + 120
2 unity.Squad.Kerbal Space Program 0x00675482 PlatformSemaphore::WaitForSignal() + 34
3 unity.Squad.Kerbal Space Program 0x002f3ec9 PreloadManager::Run() + 169
4 unity.Squad.Kerbal Space Program 0x002f3e11 PreloadManager::Run(void*) + 17
5 unity.Squad.Kerbal Space Program 0x003ba491 Thread::RunThreadWrapper(void*) + 65
6 libsystem_pthread.dylib 0x9663be13 _pthread_body + 138
7 libsystem_pthread.dylib 0x9663bd89 _pthread_start + 162
8 libsystem_pthread.dylib 0x96639e52 thread_start + 34
```

Thread 15:

```
0 libsystem_kernel.dylib 0x94c528f6 __semwait_signal + 10
1 libsystem_c.dylib 0x911c3c06 nanosleep$UNIX2003 + 218
2 libsystem_c.dylib 0x911c3ab2 usleep$UNIX2003 + 60
3 unity.Squad.Kerbal Space Program 0x00a48b45 FMOD_OS_Time_Sleep(unsigned int) + 21
4 unity.Squad.Kerbal Space Program 0x00a2d031 FMOD::Thread::callback(void*) + 49
5 libsystem_pthread.dylib 0x9663be13 _pthread_body + 138
6 libsystem_pthread.dylib 0x9663bd89 _pthread_start + 162
7 libsystem_pthread.dylib 0x96639e52 thread_start + 34
```

Thread 16:

```
0 libsystem_kernel.dylib 0x94c4c9ce mach_msg_trap + 10
1 libsystem_kernel.dylib 0x94c4ba70 mach_msg + 68
2 com.apple.CoreFoundation 0x9bc7eef6 __CFRunLoopServiceMachPort + 214
3 com.apple.CoreFoundation 0x9bc7e309 __CFRunLoopRun + 1529
4 com.apple.CoreFoundation 0x9bc7daa6 CFRunLoopRunSpecific + 390
5 com.apple.CoreFoundation 0x9bc7d90b CFRunLoopRunInMode + 123
6 com.apple.AppKit 0x9230bea0 _NSEventThread + 283
7 libsystem_pthread.dylib 0x9663be13 _pthread_body + 138
8 libsystem_pthread.dylib 0x9663bd89 _pthread_start + 162
9 libsystem_pthread.dylib 0x96639e52 thread_start + 34
```

Thread 0 crashed with X86 Thread State (32-bit):

```
eax: 0x00000000 ebx: 0x0135c1c3 ecx: 0xbfffa7c edx: 0x00000000
edi: 0xa0b0c1d4 esi: 0x00000006 ebp: 0xbfffa98 esp: 0xbfffa7c
ss: 0x00000023 efl: 0x00000206 eip: 0x94c5269a cs: 0x0000000b
ds: 0x00000023 es: 0x00000023 fs: 0x00000000 gs: 0x0000000f
cr2: 0xa0b0c1e0
```

Logical CPU: 0

Error Code: 0x00080148

Trap Number: 132

Binary Images:

```
0x1000 - 0xb7ffff unity.Squad.Kerbal Space Program (Unity Player version 4.6.4f1 - 4.6.4f1)
<8A005382-F6E0-3C56-BD27-4D5E085F19AC> /Volumes/VOLUME/*/KSP.app/Contents/MacOS/KSP
0x128b000 - 0x12b1ffb +gameoverlayrenderer.dylib (1) <648088B6-2241-34D1-B910-F064C3EBBB3D>
/Applications/Steam.app/Contents/MacOS/gameoverlayrenderer.dylib
0x12d3000 - 0x12d4ffb +steamloader.dylib (0) <7D581E42-6109-3883-8EE0-0C8160E5034A>
/Applications/Steam.app/Contents/MacOS/steamloader.dylib
```

[0x12d7000 - 0x1550fff +libmono.0.dylib \(1\) <D0D1C4F2-7018-3074-B5D7-3A6B08478766>](#)  
[/Volumes/VOLUME\\*/KSP.app/Contents/Frameworks/MonoEmbedRuntime/osx/libmono.0.dylib](#)  
[0x9bcf000 - 0x9c1cff com.apple.CloudDocs \(1.0 - 321.6\) <EF208D9F-9E6C-3FF9-AC82-3C2B4EBFAB89>](#)  
[/System/Library/PrivateFrameworks/CloudDocs.framework/CloudDocs](#)  
[0x9cd6000 - 0x9cd6ffb +cl\\_kernels \(?\) <7C2662E0-EE0E-4383-9D7C-2BAABAB59F7E> cl\\_kernels](#)  
[0x9ce4000 - 0x9ce4ff9 +cl\\_kernels \(?\) <DE16F7CC-E92C-4A54-AF96-739CE076A83F> cl\\_kernels](#)  
[0x9e00000 - 0x9eebf7 unorm8\\_bgra.dylib \(2.4.5\) <8F181889-D219-3292-B6C0-F6607D1924B0>](#)  
[/System/Library/Frameworks/OpenCL.framework/Versions/A/Libraries/ImageFormats/unorm8\\_bgra.dylib](#)  
[0x9fe3000 - 0x9feff7 com.apple.iokit.IOHIDLib \(2.0.0 - 2.0.0\) <D4293D14-F278-3B83-943D-EE12FA8A7F1E>](#)  
[/System/Library/Extensions/IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin/Contents/MacOS/IOHIDLib](#)  
[0x10ca9000 - 0x10cadfff com.apple.audio.AppleHDAHALPlugIn \(272.18 - 272.18\) <FCD052AE-05F8-39C1-A378-F10B15F589E6>](#)  
[/System/Library/Extensions/AppleHDA.kext/Contents/PlugIns/AppleHDAHALPlugIn.bundle/Contents/MacOS/AppleHDAHALPlugIn](#)  
[0x12c01000 - 0x12e57ffb com.apple.audio.units.Components \(1.12 - 1.12\) <CDBD7615-8B56-3CA5-AA0A-8BB4CCDD11B3>](#)  
[/System/Library/Components/CoreAudio.component/Contents/MacOS/CoreAudio](#)  
[0x40000000 - 0x404d2ff7 com.apple.driver.AppleIntelHD4000GraphicsGLDriver \(10.6.20 - 10.0.6\)](#)  
[<F93FBBF1-1812-3FF4-B4AD-173B82C44C5A>](#)  
[/System/Library/Extensions/AppleIntelHD4000GraphicsGLDriver.bundle/Contents/MacOS/AppleIntelHD4000GraphicsGLDriver](#)  
[0x48000000 - 0x488cbfff com.apple.GeForceGLDriver \(10.2.7 - 10.0.2\) <F017D4B6-4C3F-3368-99CE-FB81CEC0BBA3>](#)  
[/System/Library/Extensions/GeForceGLDriver.bundle/Contents/MacOS/GeForceGLDriver](#)  
[0x8fec9000 - 0x8fefce03 dyld \(353.2.1\) <06B1254D-9BB9-327C-BA15-8F18FFF97586> /usr/lib/dyld](#)  
[0x90008000 - 0x90048fff libauto.dylib \(186\) <1609D0F9-6E3A-3C67-87EF-BB0BD93EDAC9> /usr/lib/libauto.dylib](#)  
[0x90049000 - 0x900a4ffb libTIFF.dylib \(1237\) <CEE13162-B2D3-3AA6-82A7-AA1A02E424DF>](#)  
[/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libTIFF.dylib](#)  
[0x900a5000 - 0x900b2ff7 com.apple.OpenDirectory \(10.10 - 187\) <60A9481B-2191-35A2-AB7E-E48A2B49BF09>](#)  
[/System/Library/Frameworks/OpenDirectory.framework/Versions/A/OpenDirectory](#)  
[0x90124000 - 0x90126fff libsystem\\_coreservices.dylib \(9\) <20E66A47-8D67-344A-A393-73926F0E5FB2>](#)  
[/usr/lib/system/libsystem\\_coreservices.dylib](#)  
[0x90127000 - 0x9012bfff com.apple.CommonPanels \(1.2.6 - 96\) <955375E6-2416-38E1-AFC6-477827119329>](#)  
[/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/CommonPanels.framework/Versions/A/CommonPanels](#)  
[0x9012c000 - 0x9012eff com.apple.securityhi \(9.0 - 55006\) <B87325C7-1F87-3D3C-874C-9DF59C8EBE1E>](#)  
[/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SecurityHI.framework/Versions/A/SecurityHI](#)  
[0x9012f000 - 0x90143fff com.apple.ImageCapture \(9.0 - 9.0\) <4B84B5D5-A5F3-3B35-93CE-568A73486B92>](#)  
[/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/A/ImageCapture](#)  
[0x90144000 - 0x9015fff7 com.apple.CFOpenDirectory \(10.10 - 187\) <44C81E98-710E-30EB-829D-7374B9339345>](#)  
[/System/Library/Frameworks/OpenDirectory.framework/Versions/A/Frameworks/CFOpenDirectory.framework/Versions/A/CFOpenDir](#)  
[ectory](#)  
[0x90160000 - 0x9018ffff com.apple.CoreVideo \(1.8 - 145.1\) <A59466FC-6B5A-3B36-BDD4-AC9CD581B7A1>](#)  
[/System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo](#)  
[0x90190000 - 0x90196ff3 libsystem\\_platform.dylib \(63\) <509993B7-3F26-3360-B899-0BBB15152516>](#)  
[/usr/lib/system/libsystem\\_platform.dylib](#)  
[0x90197000 - 0x90199fff com.apple.SecCodeWrapper \(4.0 - 238.20.2\) <E70AD7E3-F4A1-3315-ABD9-9FF5078E9EDD>](#)  
[/System/Library/PrivateFrameworks/SecCodeWrapper.framework/Versions/A/SecCodeWrapper](#)  
[0x9019a000 - 0x9020eff com.apple.Heimdal \(4.0 - 2.0\) <0082F991-F391-31A6-915C-1FCB0AD004AC>](#)  
[/System/Library/PrivateFrameworks/Heimdal.framework/Versions/A/Heimdal](#)  
[0x9020f000 - 0x90325fff com.apple.CoreText \(352.0 - 454.6\) <5F236E10-C911-3AAF-8BA6-2F0F68A87443>](#)  
[/System/Library/Frameworks/CoreText.framework/Versions/A/CoreText](#)  
[0x90326000 - 0x9032dfff com.apple.XPCService \(2.0 - 1\) <9A59D63D-446A-33A4-BB21-56E42417DA93>](#)  
[/System/Library/PrivateFrameworks/XPCService.framework/Versions/A/XPCService](#)  
[0x9032e000 - 0x90769feb com.apple.vImage \(8.0 - 8.0\) <56F6B317-9D70-3DC5-9868-BB6D7CB6E55D>](#)  
[/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/vImage](#)  
[0x9076a000 - 0x9076effb com.apple.IOSurface \(97.4 - 97.4\) <FD6AD351-BD60-337C-8D3D-42CDA7EE137C>](#)  
[/System/Library/Frameworks/IOSurface.framework/Versions/A/IOSurface](#)  
[0x9076f000 - 0x90873ff7 libJP2.dylib \(1237\) <3A85AB3C-AFC7-3761-A198-D6C7317E476A>](#)  
[/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJP2.dylib](#)  
[0x90874000 - 0x908bbff3 com.apple.AppleJPEG \(1.0 - 1\) <677BE130-F5AB-36F4-A51A-1FF20FC0085A>](#)  
[/System/Library/PrivateFrameworks/AppleJPEG.framework/Versions/A/AppleJPEG](#)  
[0x908bc000 - 0x90911ff7 com.apple.htmlrendering \(77 - 1.1.4\) <B85A63B9-C9DD-3ECC-B5DC-E12533C7FDF9>](#)  
[/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/HTMLRendering.framework/Versions/A/HTMLRendering](#)  
[0x90912000 - 0x90914fff libsystem\\_sandbox.dylib \(358.20.5\) <FA3A0729-6839-38AC-B365-5E89A125F091>](#)  
[/usr/lib/system/libsystem\\_sandbox.dylib](#)  
[0x90915000 - 0x90b042ef libobjc.A.dylib \(647\) <7648C174-3098-3B26-AD20-490DBFFD5D4C> /usr/lib/libobjc.A.dylib](#)  
[0x90b05000 - 0x90b0bff7 libsystem\\_networkextension.dylib \(167.1.10\) <FC20E3AD-A53D-3346-AC71-829E82832AE8>](#)  
[/usr/lib/system/libsystem\\_networkextension.dylib](#)  
[0x90b0c000 - 0x90b32ff3 libc++abi.dylib \(125\) <E9AF8CA1-D54D-37E3-8363-A3E8C0840F71> /usr/lib/libc++abi.dylib](#)  
[0x90b33000 - 0x90b4cff com.apple.Kerberos \(3.0 - 1\) <92735F11-CF1C-3FA6-8682-9A30AC9E2651>](#)  
[/System/Library/Frameworks/Kerberos.framework/Versions/A/Kerberos](#)  
[0x90b63000 - 0x90b6fff3 libGPUSupportMercury.dylib \(11.1.2\) <4D408B6F-74BB-3367-A4B8-086BA2D1C3F0>](#)

[/System/Library/PrivateFrameworks/GPUSupport.framework/Versions/A/Libraries/libGPUSupportMercury.dylib](#)  
0x90b70000 - 0x90c18ff7 com.apple.CoreMedia (1.0 - 1562.235) <BA4933F2-289D-354B-B3B7-451AAF9FBB96>  
[/System/Library/Frameworks/CoreMedia.framework/Versions/A/CoreMedia](#)  
0x90c19000 - 0x90c19fff com.apple.CoreServices (62 - 62) <08A581EC-2E8B-30CF-B555-64171C8FE5EE>  
[/System/Library/Frameworks/CoreServices.framework/Versions/A/CoreServices](#)  
0x90c1a000 - 0x90da2ff7 com.apple.audio.toolbox.AudioToolbox (1.12 - 1.12) <CA1E6D99-F534-3D3B-9AA5-038E171AD0A9>  
[/System/Library/Frameworks/AudioToolbox.framework/Versions/A/AudioToolbox](#)  
0x90da3000 - 0x90dd2ff7 com.apple.DictionaryServices (1.2 - 229) <BC958000-7A7D-3C3A-B0FF-95734A35EB0A>  
[/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/DictionaryServices.framework/Versions/A/DictionaryServices](#)  
0x90dd3000 - 0x90dd4fff libremovefile.dylib (35) <49DCAF7B-4466-3775-9E58-EA5D7CBA8AE0> /usr/lib/system/libremovefile.dylib  
0x90dd5000 - 0x90e15fff libGLImage.dylib (11.1.2) <9BAF083D-12EF-3CD9-A875-191B1A3CC687>  
[/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLImage.dylib](#)  
0x90e16000 - 0x90f23fe3 libvDSP.dylib (516) <53F7A960-01E1-3B79-A7FD-67BD19471420>  
[/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvDSP.dylib](#)  
0x90f24000 - 0x90f2bff3 libunwind.dylib (35.3) <29D9343F-9A0A-3535-B0AE-E7CC761D95EE> /usr/lib/system/libunwind.dylib  
0x90f30000 - 0x90f5dff7 GLRendererFloat (11.1.2) <F9E90ECE-FBBF-3F1A-BC97-EDDB152498C1>  
[/System/Library/Frameworks/OpenGL.framework/Versions/A/Resources/GLRendererFloat.bundle/GLRendererFloat](#)  
0x90f5e000 - 0x90f69ff7 com.apple.NetAuth (5.2 - 5.2) <3E650FB0-5EB5-3807-8B71-8FAF64D6A0FC>  
[/System/Library/PrivateFrameworks/NetAuth.framework/Versions/A/NetAuth](#)  
0x90f6a000 - 0x90f77ff3 com.apple.ProtocolBuffer (1 - 228.0.1) <B61B9562-CBDE-34E5-B19E-291A1D95D782>  
[/System/Library/PrivateFrameworks/ProtocolBuffer.framework/Versions/A/ProtocolBuffer](#)  
0x90f78000 - 0x9106fff7 libFontParser.dylib (134.2) <1CE9DA9E-FBF3-32E4-838D-455EA531F26E>  
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontParser.dylib](#)  
0x91070000 - 0x91079fff libGFXShared.dylib (11.1.2) <C67D9D93-6172-3AD6-BBB2-A18C9EC94570>  
[/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGFXShared.dylib](#)  
0x9107a000 - 0x910a1fff libdispatch.dylib (442.1.4) <B26A176C-39F7-3362-B128-27B1211068B9> /usr/lib/system/libdispatch.dylib  
0x910a2000 - 0x910bffff libCRFSuite.dylib (34) <781A92EF-410E-39B2-953D-FEE12748D834> /usr/lib/libCRFSuite.dylib  
0x910c0000 - 0x910cffff libxar.1.dylib (255) <4FF7DB6F-3232-302F-94BC-F1188F78AF25> /usr/lib/libxar.1.dylib  
0x910d0000 - 0x910d9fff com.apple.CommonAuth (4.0 - 2.0) <FFE760A3-FEF7-3009-92E8-893ABB3BC91A>  
[/System/Library/PrivateFrameworks/CommonAuth.framework/Versions/A/CommonAuth](#)  
0x910da000 - 0x91130fff libc++.1.dylib (120) <D8DE4962-66CD-3491-904E-9291EEE5E570> /usr/lib/libc++.1.dylib  
0x91131000 - 0x91144fff com.apple.Sharing (328.16 - 328.16) <57F64876-D785-3B35-91B9-B2800F800C37>  
[/System/Library/PrivateFrameworks/Sharing.framework/Versions/A/Sharing](#)  
0x91145000 - 0x911dafff libsystem\_c.dylib (1044.10.1) <9804163C-4DEC-3B94-9854-00248E44554F>  
/usr/lib/system/libsystem\_c.dylib  
0x911db000 - 0x914cdf3 com.apple.CoreImage (10.3.4) <6A0E17E6-9F56-3450-8892-670A9C489C30>  
[/System/Library/Frameworks/QuartzCore.framework/Versions/A/Frameworks/CoreImage.framework/Versions/A/CoreImage](#)  
0x914ce000 - 0x914d7fff com.apple.DiskArbitration (2.6 - 2.6) <D906604A-1D8C-31BF-8F22-EA219FFC858F>  
[/System/Library/Frameworks/DiskArbitration.framework/Versions/A/DiskArbitration](#)  
0x914d8000 - 0x91526fff libcurl.4.dylib (83.1.2) <50E14C55-B150-39E1-BA2C-B0658D38E580> /usr/lib/libcurl.4.dylib  
0x91527000 - 0x9154bfff com.apple.framework.Apple80211 (10.3 - 1030.71.6) <84F7040E-713D-3B0E-8397-7CE0C377C52A>  
[/System/Library/PrivateFrameworks/Apple80211.framework/Versions/A/Apple80211](#)  
0x9154c000 - 0x9156eff3 libssl.0.9.7.dylib (106) <E0174C8B-F4E3-3B8C-9F88-1D7B088DC155> /usr/lib/libssl.0.9.7.dylib  
0x9156f000 - 0x915ccff7 com.apple.print.framework.PrintCore (10.3 - 451.1) <86895179-C54B-3D8A-B515-92DFA6315FC9>  
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/PrintCore.framework/Versions/A/PrintCore](#)  
0x915cd000 - 0x91644fff com.apple.ApplicationServices.ATS (360 - 375.2) <A5CA2D71-673F-3FD8-B515-DAB1B3CC52C5>  
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/ATS](#)  
0x91645000 - 0x91a3cff com.apple.CoreGraphics (1.600.0 - 779.11) <C335E1BE-B524-3EE8-969F-329BE9739CC4>  
[/System/Library/Frameworks/CoreGraphics.framework/Versions/A/CoreGraphics](#)  
0x91efe000 - 0x91f0cff7 com.apple.SpeechRecognitionCore (2.1.2 - 2.1.2) <CDD0CAA1-DF2E-3FE1-AEE4-4C0823E6FD5C>  
[/System/Library/PrivateFrameworks/SpeechRecognitionCore.framework/Versions/A/SpeechRecognitionCore](#)  
0x91f0d000 - 0x91f1eff libsystem\_coretls.dylib (35.20.2) <3688680D-90B5-373F-9E0D-46809E98B023>  
/usr/lib/system/libsystem\_coretls.dylib  
0x91f1f000 - 0x91f22fff com.apple.xpc.ServiceManagement (1.0 - 1) <D23A7F03-979D-3A78-B1F6-645D2EFEEF66>  
[/System/Library/Frameworks/ServiceManagement.framework/Versions/A/ServiceManagement](#)  
0x9202d000 - 0x92091fff com.apple.AE (681.2 - 681.2) <E56D8304-3975-32E0-BBF2-611F04209C2B>  
[/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/AE.framework/Versions/A/AE](#)  
0x92092000 - 0x92093fff libsystem\_blocks.dylib (65) <5D98F022-E863-31D4-8ADE-D53B2AE0D331>  
/usr/lib/system/libsystem\_blocks.dylib  
0x921a3000 - 0x92dcfff com.apple.AppKit (6.9 - 1347.57) <2E995EB6-3DB5-3FE0-B140-3E7563903322>  
[/System/Library/Frameworks/AppKit.framework/Versions/C/AppKit](#)  
0x92dd0000 - 0x92e9bff com.apple.backup.framework (1.6.4 - 1.6.4) <75DC1CA0-5D18-3E8F-A8BC-D737FC9C55C4>  
[/System/Library/PrivateFrameworks/Backup.framework/Versions/A/Backup](#)  
0x92ea6000 - 0x92efbff3 com.apple.audio.CoreAudio (4.3.0 - 4.3.0) <2AF304F7-5DA4-3035-9E15-070F16700789>  
[/System/Library/Frameworks/CoreAudio.framework/Versions/A/CoreAudio](#)

0x92efc000 - 0x93193fff com.apple.CoreData (111 - 526.3) <93295B9D-6C48-3919-8B9C-A4291D3522CE>  
/System/Library/Frameworks/CoreData.framework/Versions/A/CoreData  
0x93194000 - 0x93412fff com.apple.security (7.0 - 57031.20.26) <7E5439C5-752D-367F-A28A-AA34C7307981>  
/System/Library/Frameworks/Security.framework/Versions/A/Security  
0x93413000 - 0x93545fff com.apple.UIFoundation (1.0 - 1) <B5B0D178-E1F5-3625-9391-46495E35D540>  
/System/Library/PrivateFrameworks/UIFoundation.framework/Versions/A/UIFoundation  
0x93546000 - 0x93e53fff libclh.dylib (4.0.3 - 4.0.3) <757D7708-7520-31EB-8950-3373FB596E62>  
/System/Library/Extensions/GeForceGLDriver.bundle/Contents/MacOS/libclh.dylib  
0x93e54000 - 0x940f3fff com.apple.RawCamera.bundle (6.03.1 - 779) <6F9D2F45-DBC7-3CB1-A412-59EBA38D0BC7>  
/System/Library/CoreServices/RawCamera.bundle/Contents/MacOS/RawCamera  
0x9437a000 - 0x94429fff com.apple.Bluetooth (4.3.4 - 4.3.4f4) <90D495A0-431F-363B-8818-230CB096D6E1>  
/System/Library/Frameworks/IOBluetooth.framework/Versions/A/IOBluetooth  
0x9442a000 - 0x94620fff libcucore.A.dylib (531.48) <A1002DA8-DAA9-30E8-95AE-1BF575AC5AB5> /usr/lib/libcucore.A.dylib  
0x94621000 - 0x94675fff com.apple.HIServices (1.22 - 522.1) <E46DFA95-A419-32CD-AD1F-C5839F9CF923>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/HIServices.framework/Versions/A/HIServices  
0x94676000 - 0x94679fff libpam.2.dylib (20) <E2F34522-448A-3392-BC1D-6625BEB612B9> /usr/lib/libpam.2.dylib  
0x9467a000 - 0x94681fff com.apple.agl (3.3.0 - AGL-3.3.0) <8822D220-5EA7-3A56-9EA1-5CE4861EB636>  
/System/Library/Frameworks/AGL.framework/Versions/A/AGL  
0x94682000 - 0x946d5fff com.apple.CoreMediaIO (601.0 - 4760) <A3BA21A9-5841-3C98-BBE8-A945020745DF>  
/System/Library/Frameworks/CoreMediaIO.framework/Versions/A/CoreMediaIO  
0x946e4000 - 0x9475bfff com.apple.CoreUtils (1.1 - 110.1) <1667BF42-48D3-3B3D-A9CF-0868178DD2EB>  
/System/Library/PrivateFrameworks/CoreUtils.framework/Versions/A/CoreUtils  
0x9475c000 - 0x9477bfff libresolv.9.dylib (57) <C2C3810A-A45E-3375-B41D-6E1BECE1BA3C> /usr/lib/libresolv.9.dylib  
0x9477c000 - 0x94783fff com.apple.speech.recognition.framework (5.0.9 - 5.0.9) <5D268178-3812-3777-92A6-D7D3395405B8>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/Versions/A/SpeechRecognit  
ion  
0x94784000 - 0x94875fff libiconv.2.dylib (42) <4AF77F10-0BEC-3BE0-99DF-C5170EDB316B> /usr/lib/libiconv.2.dylib  
0x94876000 - 0x9489cfff libxpc.dylib (559.20.9) <15931AC6-7282-332D-9A44-6CFF84AC63AF> /usr/lib/system/libxpc.dylib  
0x94b37000 - 0x94c38fff com.apple.LaunchServices (644.56 - 644.56) <CFF2C4B8-8111-3B9B-A6F7-E2AB33163238>  
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/LaunchServices.framework/Versions/A/LaunchServic  
es  
0x94c39000 - 0x94c58fff libsystem\_kernel.dylib (2782.20.48) <D1D17CE0-1D1D-3243-9E9D-78C70F19B0ED>  
/usr/lib/system/libsystem\_kernel.dylib  
0x94c59000 - 0x94c67fff com.apple.opengl (11.1.2 - 11.1.2) <F252DF22-C5E2-3A47-ACB6-2B02D6164A47>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/OpenGL  
0x94c68000 - 0x94ceffff com.apple.CoreServices.OSServices (640.4 - 640.4) <6ABC3CCE-5A4E-3CB2-AA12-3FFAB27D835A>  
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/OSServices.framework/Versions/A/OSServices  
0x94cf0000 - 0x94cf9fff com.apple.AppleSRP (5.0 - 1) <41C48FA8-C249-3800-A551-7F4AFA3E723F>  
/System/Library/PrivateFrameworks/AppleSRP.framework/Versions/A/AppleSRP  
0x94cfa000 - 0x94cfefff libCoreVMClient.dylib (79.1) <3DB52AB1-D41E-3AC9-A355-1B6DCEDB4DFD>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCoreVMClient.dylib  
0x94cff000 - 0x94e43fff com.apple.ImageIO.framework (3.3.0 - 1237) <314B3F6B-4DC5-31E9-BE67-032901676A34>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/ImageIO  
0x94e44000 - 0x94ff4fff libGLProgrammability.dylib (11.1.2) <66618525-9A42-3C2F-9D4D-85E3FE883B88>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLProgrammability.dylib  
0x94ff5000 - 0x95048fff libstdc++.6.dylib (104.1) <D0EB2C99-5939-3ABA-9C18-D9AD75CE23A1> /usr/lib/libstdc++.6.dylib  
0x95049000 - 0x9504cfff libutil.dylib (38) <B5A16C6B-A79E-3504-BDA6-64A063F6612D> /usr/lib/libutil.dylib  
0x9504d000 - 0x95059fff libcommonCrypto.dylib (60061) <024B3913-15C6-3005-9E5A-EB24918F6977>  
/usr/lib/system/libcommonCrypto.dylib  
0x9505a000 - 0x9505afff com.apple.Accelerate.vecLib (3.10 - vecLib 3.10) <F968D12F-F59D-3148-951D-76735C3C1B57>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/vecLib  
0x9505b000 - 0x95101fff com.apple.Metadata (10.7.0 - 917.35) <3A9CD210-E9CC-3C1C-A72F-278F0694C1B1>  
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/Metadata.framework/Versions/A/Metadata  
0x95102000 - 0x9517ffff com.apple.framework.IOKit (2.0.2 - 1050.20.2) <84299E45-C5F3-365F-AC1B-0EAF8057112>  
/System/Library/Frameworks/IOKit.framework/Versions/A/IOKit  
0x95180000 - 0x951b2fff com.apple.GSS (4.0 - 2.0) <2E9B0C48-962E-3CAB-ABCE-0A16CFCEF53E>  
/System/Library/Frameworks/GSS.framework/Versions/A/GSS  
0x951b3000 - 0x951b5fff libsystem\_configuration.dylib (699.1.5) <CC818B5B-D6A6-3313-A0FD-6F781B24DAD4>  
/usr/lib/system/libsystem\_configuration.dylib  
0x951b6000 - 0x951b8fff libsystem\_secinit.dylib (18) <3CBA3BD3-8BA2-358D-BD1A-A1C3DF5D84E6>  
/usr/lib/system/libsystem\_secinit.dylib  
0x951b9000 - 0x952e7fff com.apple.coreui (2.1 - 308.6) <908A9C21-7AE9-3480-A858-2E4D928F661D>  
/System/Library/PrivateFrameworks/CoreUI.framework/Versions/A/CoreUI  
0x952e8000 - 0x95375fff com.apple.PerformanceAnalysis (1.0 - 1) <AADDDFC1-B4F3-311A-94EF-4D8EAF2E2C7>  
/System/Library/PrivateFrameworks/PerformanceAnalysis.framework/Versions/A/PerformanceAnalysis  
0x95376000 - 0x95376fff libkeymgr.dylib (28) <06DDCEF8-EB84-3F68-9E19-FD1A12B764FD> /usr/lib/system/libkeymgr.dylib  
0x95377000 - 0x953abfff com.apple.frameworks.CoreDaemon (1.3 - 1.3) <F527DB82-0D3F-359E-979B-951DFF46D45C>

/System/Library/PrivateFrameworks/CoreDaemon.framework/Versions/B/CoreDaemon  
0x953ac000 - 0x95418ff3 com.apple.datadetectorscore (6.0 - 396.1.1) <A1ADB604-689E-3B00-BCB2-1B6662644BBD>  
/System/Library/PrivateFrameworks/DataDetectorsCore.framework/Versions/A/DataDetectorsCore  
0x95419000 - 0x9542cfff com.apple.CoreBluetooth (1.0 - 1) <153F2DDE-CCCC-3C63-AF70-2EA306DACDCD>  
/System/Library/Frameworks/CoreBluetooth.framework/Versions/A/CoreBluetooth  
0x963e7000 - 0x9640dfbb libPng.dylib (1237) <7EA0DEBE-4000-39D4-89E5-17F655BA317E>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib  
0x9640e000 - 0x9640efff com.apple.Carbon (154 - 157) <CA90E930-DE59-3AD9-B158-3A940BA1FA8A>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Carbon  
0x9640f000 - 0x9643bfff com.apple.ChunkingLibrary (2.1 - 163.6) <D5446A27-C51B-36D7-A4A1-3222A87F6F48>  
/System/Library/PrivateFrameworks/ChunkingLibrary.framework/Versions/A/ChunkingLibrary  
0x9643c000 - 0x9645bff7 com.apple.MultitouchSupport.framework (263.9.1 - 263.9.1)  
<9265A1BE-FA6F-38C7-BDFB-FA05EEC683CE>  
/System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport  
0x9645c000 - 0x96498ff3 com.apple.RemoteViewServices (2.0 - 99) <2839C2F1-88DA-3843-87BF-441A374A8967>  
/System/Library/PrivateFrameworks/RemoteViewServices.framework/Versions/A/RemoteViewServices  
0x96499000 - 0x96605ff3 com.apple.avfoundation (2.0 - 889.210) <C49EA877-535F-3E27-80B2-87ACA207F33>  
/System/Library/Frameworks/AVFoundation.framework/Versions/A/AVFoundation  
0x96606000 - 0x9660bfff com.apple.print.framework.Print (10.0 - 265) <7C3984BB-8337-3B90-A414-17C181A45744>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Print.framework/Versions/A/Print  
0x9660c000 - 0x96638fff libsandbox.1.dylib (358.20.5) <5AFB311B-D796-3851-BC5B-72EF603DB2B6> /usr/lib/libsandbox.1.dylib  
0x96639000 - 0x96641fff libsystem\_pthread.dylib (105.10.1) <4A229519-29A1-3ABF-8CEF-43BCE4ACDA06>  
/usr/lib/system/libsystem\_pthread.dylib  
0x96642000 - 0x9667cfff com.apple.LDAPFramework (2.4.28 - 194.5) <E3E6B657-AA4C-3D9D-8EB2-ACAC1B62DDDE>  
/System/Library/Frameworks/LDAP.framework/Versions/A/LDAP  
0x9667d000 - 0x96a65fff libLAPACK.dylib (1128) <4E3D1289-2C98-3E53-BB8D-AD911357FF66>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libLAPACK.dylib  
0x96a66000 - 0x96a8cff7 com.apple.IconServices (47.1 - 47.1) <9C537499-B375-3F84-BF4A-EEF757FC26A9>  
/System/Library/PrivateFrameworks/IconServices.framework/Versions/A/IconServices  
0x96a8d000 - 0x96b3afff libcrypto.0.9.7.dylib (106) <19669D99-DC79-3715-BC3A-850016DDDD7F> /usr/lib/libcrypto.0.9.7.dylib  
0x96b3b000 - 0x96bdbfff com.apple.QD (301 - 301) <4DFE3689-59DE-3FBC-806B-6A4056573E52>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/QD.framework/Versions/A/QD  
0x96bdc000 - 0x96be4fff libCGCMS.A.dylib (779.11) <EFC325D4-B616-3739-BAB6-D9C8B74F102F>  
/System/Library/Frameworks/CoreGraphics.framework/Versions/A/Resources/libCGCMS.A.dylib  
0x96be8000 - 0x96beafff libCVMSPPluginSupport.dylib (11.1.2) <2C725DC9-0773-3637-B905-7A8B2001192F>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCVMSPPluginSupport.dylib  
0x96d1a000 - 0x96d1afff libOpenScriptingUtil.dylib (162.1) <EDDD4BA8-6212-3437-8CFF-117724C12A4E>  
/usr/lib/libOpenScriptingUtil.dylib  
0x96d1b000 - 0x96d21fff libsystem\_trace.dylib (72.20.1) <5F23BE77-1C60-3859-B528-C6B3C184C95C>  
/usr/lib/system/libsystem\_trace.dylib  
0x96d22000 - 0x96d39fff libsystem\_asl.dylib (267) <85BD88AD-618E-3325-AC31-10DBAB8E9AF3>  
/usr/lib/system/libsystem\_asl.dylib  
0x96d3a000 - 0x96d3afff liblaunch.dylib (559.20.9) <A0885899-CDE9-3688-8C3C-B583E24090E0> /usr/lib/system/liblaunch.dylib  
0x96d3b000 - 0x96e27fe7 libvMisc.dylib (516) <C784D56E-112E-359F-848B-3419E0572EB4>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvMisc.dylib  
0x96e28000 - 0x96e34fff libcsfde.dylib (471.20.7) <95CB28B6-A722-3660-AD1B-07A7C0B8C74A> /usr/lib/libcsfde.dylib  
0x96e5f000 - 0x96e60fff libDiagnosticMessagesClient.dylib (100) <3EE83437-AA9C-356B-810B-589346B73797>  
/usr/lib/libDiagnosticMessagesClient.dylib  
0x96e61000 - 0x96e6fff7 libz.1.dylib (55) <DF3B8F77-8931-3A6B-8BDF-DB67315050E6> /usr/lib/libz.1.dylib  
0x96e70000 - 0x96e72fff libquarantine.dylib (76.20.1) <8694AC5A-7359-3CC6-8E93-CABFCC919D4B>  
/usr/lib/system/libquarantine.dylib  
0x96e73000 - 0x96e75fff libRadiance.dylib (1237) <A9D5C5E7-8D9E-308A-BA4F-20491E3F15C4>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libRadiance.dylib  
0x96e76000 - 0x96e79fff libdyld.dylib (353.2.1) <30CE0D0E-7E82-3CD5-92E7-9C1D6AD3327C> /usr/lib/system/libdyld.dylib  
0x96e7a000 - 0x96e7afff com.apple.ApplicationServices (48 - 48) <76C301A4-705B-33DE-BA11-C89DCF1EDCDD>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/ApplicationServices  
0x96e7b000 - 0x96e83fff com.apple.CoreServices.FSEvents (1210.20.1 - 1210.20.1)  
<FDCAA783-356F-3CA4-B960-16555CD7E34A>  
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/FSEvents.framework/Versions/A/FSEvents  
0x96e84000 - 0x96e97fff libcmph.dylib (1) <2449B048-208E-36FB-9DFA-47E0F3BCF132> /usr/lib/libcmph.dylib  
0x96e98000 - 0x96eaaff7 libsasl2.2.dylib (194.1) <34CB75C7-09BE-3319-BF7E-D4E56495F07A> /usr/lib/libsasl2.2.dylib  
0x96eab000 - 0x96ec2fff libLinearAlgebra.dylib (1128) <B20FAAAA-1C76-3B20-B100-5FC90F7FE023>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libLinearAlgebra.dylib  
0x96ec3000 - 0x96ec6fff libextension.dylib (55.2) <BE3B5B43-A1BB-3BB6-9CD9-946BC61241FC> /usr/lib/libextension.dylib  
0x96ec7000 - 0x96f32fff com.apple.framework.CoreWiFi (3.0 - 300.4) <632A811D-4706-3ED7-85E3-DD2CDB47CF8F>  
/System/Library/PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi  
0x96f33000 - 0x96f5cfff libsystem\_info.dylib (459.20.1) <91DEA2CC-26A7-32CD-ABC5-0B2754874E38>



/usr/lib/system/libsystem\_info.dylib  
0x96f5d000 - 0x96f66ff7 libsystem\_notify.dylib (133.1.1) <B8503E99-214B-3AC3-A7CA-CC837ABD7B25>  
/usr/lib/system/libsystem\_notify.dylib  
0x96f67000 - 0x96f77ff7 com.apple.LangAnalysis (1.7.0 - 1.7.0) <DBECFAD5-DB53-390C-AE92-09549733C861>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/LangAnalysis.framework/Versions/A/LangAnalysis  
0x96f78000 - 0x96f88fff libGL.dylib (11.1.2) <44DD250B-CB98-3FD1-BF5B-6AD85A68BF9A>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGL.dylib  
0x96f89000 - 0x97026fff com.apple.ink.framework (10.9 - 213) <F47949BC-ABEE-329B-B568-71C6FEF761F6>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Ink.framework/Versions/A/Ink  
0x97027000 - 0x9702cff7 libcompiler\_rt.dylib (35) <6630682F-AB76-3E55-BE51-0A3E61B6CFC2>  
/usr/lib/system/libcompiler\_rt.dylib  
0x9702d000 - 0x9732bfff com.apple.CoreServices.CarbonCore (1108.6 - 1108.6) <ABEA5906-26AE-308F-B078-5944ABDF94DF>  
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/CarbonCore.framework/Versions/A/CarbonCore  
0x9732c000 - 0x97686fff libmecabra.dylib (666.7) <55A50B97-92D3-3DDC-8E3A-58BC5FFE5E3F> /usr/lib/libmecabra.dylib  
0x97687000 - 0x97687fff com.apple.Cocoa (6.8 - 21) <6AF80DDB-C28E-36FF-BC11-D7D561AC52A9>  
/System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa  
0x97688000 - 0x9768cfff libcache.dylib (69) <55501A00-AF64-3554-8F46-8D5AFEDEC332> /usr/lib/system/libcache.dylib  
0x9768d000 - 0x9768efff com.apple.TrustEvaluationAgent (2.0 - 25) <28BBD931-EF7C-3753-B50E-6568F4075086>  
/System/Library/PrivateFrameworks/TrustEvaluationAgent.framework/Versions/A/TrustEvaluationAgent  
0x9768f000 - 0x976c2fe3 libsystem\_m.dylib (3086.1) <951F633F-57B7-398B-912F-F6ED4DB1C597>  
/usr/lib/system/libsystem\_m.dylib  
0x976c3000 - 0x97739fff com.apple.SearchKit (1.4.0 - 1.4.0) <3693A221-B615-37D4-9FB1-F5F6CC7EE1A7>  
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/Versions/A/SearchKit  
0x9773a000 - 0x977b0fff com.apple.securityfoundation (6.0 - 55126) <2DB5BDF8-FB04-317B-9A7F-9AC8733947BF>  
/System/Library/Frameworks/SecurityFoundation.framework/Versions/A/SecurityFoundation  
0x977b1000 - 0x97ac5fef com.apple.CoreAUC (211.1.0 - 211.1.0) <4ECEBB32-FAA9-357E-BD7D-039E2633AAD5>  
/System/Library/PrivateFrameworks/CoreAUC.framework/Versions/A/CoreAUC  
0x97ac6000 - 0x97adffff libsystem\_malloc.dylib (53.1.1) <58CD8BC7-55D1-3862-8E5D-728EE2EBE447>  
/usr/lib/system/libsystem\_malloc.dylib  
0x97ae0000 - 0x97b1ffff com.apple.NavigationServices (3.8 - 215.1) <46D8B66D-CB59-36F5-BD26-FD8309337BB3>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/NavigationServices.framework/Versions/A/NavigationServices  
0x97b20000 - 0x97b4dfff com.apple.ProtectedCloudStorage (1.0 - 1) <1CF781F8-1210-3B77-964B-D85F98B90681>  
/System/Library/PrivateFrameworks/ProtectedCloudStorage.framework/Versions/A/ProtectedCloudStorage  
0x97b4e000 - 0x97b55fff libMatch.1.dylib (24) <428CD037-5261-39A6-83EE-A7D9ABF446EB> /usr/lib/libMatch.1.dylib  
0x97b56000 - 0x97c6cff3 com.apple.desktopservices (1.9.3 - 1.9.3) <544FDA55-063A-3787-A55A-A54290E4BE6E>  
/System/Library/PrivateFrameworks/DesktopServicesPriv.framework/Versions/A/DesktopServicesPriv  
0x97c6d000 - 0x97c6efff libSystem.B.dylib (1213) <C45CC429-5DE4-3B01-8450-B3BD1AA03C3F> /usr/lib/libSystem.B.dylib  
0x97c6f000 - 0x97c77fff libsystem\_dnssd.dylib (561.1.1) <45CDAF46-03DE-33DB-A627-14F245993EF2>  
/usr/lib/system/libsystem\_dnssd.dylib  
0x97c78000 - 0x97cb5fff libsystem\_network.dylib (412.20.3) <039F7709-8BFA-3299-8FD7-168145568642>  
/usr/lib/system/libsystem\_network.dylib  
0x97cb6000 - 0x97cb6fff libunc.dylib (29) <CE960997-9D4A-3848-BAC7-B2255E6765FD> /usr/lib/system/libunc.dylib  
0x97cb7000 - 0x97d36fff com.apple.SystemConfiguration (1.14 - 1.14) <6081992E-6825-3F69-AACF-70ABFA4CE379>  
/System/Library/Frameworks/SystemConfiguration.framework/Versions/A/SystemConfiguration  
0x97d37000 - 0x97d3dfff com.apple.MediaAccessibility (1.0 - 61) <81E9530E-882C-313C-A4D5-2F43EB569E4F>  
/System/Library/Frameworks/MediaAccessibility.framework/Versions/A/MediaAccessibility  
0x97d3e000 - 0x98171fff com.apple.vision.FaceCore (3.1.6 - 3.1.6) <EF92C25B-3E33-379F-A862-75C2FCA8B386>  
/System/Library/PrivateFrameworks/FaceCore.framework/Versions/A/FaceCore  
0x98172000 - 0x9817cfff com.apple.audio.SoundManager (4.2 - 4.2) <4312D0A7-4B6F-3A1E-9A47-24C6E8C65E51>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/CarbonSound.framework/Versions/A/CarbonSound  
0x9817d000 - 0x982e0fff libBLAS.dylib (1128) <ACEF468C-5DB1-38F3-BCB2-6F3D7F2B2040>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBLAS.dylib  
0x982ef000 - 0x98402fff com.apple.MediaControlSender (2.0 - 215.18) <D35B4B09-AE31-3028-ACEE-E86991772577>  
/System/Library/PrivateFrameworks/MediaControlSender.framework/Versions/A/MediaControlSender  
0x98403000 - 0x9840ffff libkxld.dylib (2782.20.48) <A318FD58-B9BA-3548-A8C9-116DB33719A5> /usr/lib/system/libkxld.dylib  
0x98410000 - 0x9842dfff com.apple.Ubiquity (1.3 - 313) <9ED23769-0725-3D4B-B7F4-AF08020D73C3>  
/System/Library/PrivateFrameworks/Ubiquity.framework/Versions/A/Ubiquity  
0x985a4000 - 0x98769fff com.apple.QuartzCore (1.10 - 361.18) <C2F1A85F-EA5E-3B73-81A2-06E3078202BC>  
/System/Library/Frameworks/QuartzCore.framework/Versions/A/QuartzCore  
0x9876a000 - 0x987cafff com.apple.AppleVAFramework (5.0.31 - 5.0.31) <2FFC7C07-CA18-3959-B8F6-F620025BCD86>  
/System/Library/PrivateFrameworks/AppleVA.framework/Versions/A/AppleVA  
0x987cb000 - 0x98896fff com.apple.DiscRecording (9.0 - 9000.4.2) <8E19F180-3D32-3C7A-8E73-272F2955D9A8>  
/System/Library/Frameworks/DiscRecording.framework/Versions/A/DiscRecording  
0x98897000 - 0x988f2fff com.apple.LanguageModeling (1.0 - 1) <9B39E059-F48E-31AF-B1B3-B0872F362627>  
/System/Library/PrivateFrameworks/LanguageModeling.framework/Versions/A/LanguageModeling

0x988f3000 - 0x98944fff com.apple.opengl (2.4.2 - 2.4.2) <0751975F-97E4-3271-BA93-2FC7A5FDB940>  
/System/Library/Frameworks/OpenCL.framework/Versions/A/OpenCL  
0x98945000 - 0x9895cfff com.apple.AppContainer (4.0 - 238.20.2) <0A9A3DD3-2D64-3548-8374-96FCE828D151>  
/System/Library/PrivateFrameworks/AppContainer.framework/Versions/A/AppContainer  
0x9895d000 - 0x98a0ffff libCoreStorage.dylib (471.20.7) <34D9A40A-97EB-3365-B809-13DA5BF569C6>  
/usr/lib/libCoreStorage.dylib  
0x98a45000 - 0x98fa5fff com.apple.MediaToolbox (1.0 - 1562.235) <44C382D2-F7B2-312A-B6CC-AD27D0F17011>  
/System/Library/Frameworks/MediaToolbox.framework/Versions/A/MediaToolbox  
0x98fa6000 - 0x99096fff com.apple.DiskImagesFramework (10.10.1 - 396) <25716B90-E152-3666-92BB-FE543AEB6FA9>  
/System/Library/PrivateFrameworks/DiskImages.framework/Versions/A/DiskImages  
0x99097000 - 0x9909ffff com.apple.NetFS (6.0 - 4.0) <141BFE7E-634E-32A0-8EC9-0A1A4DFEA7D9>  
/System/Library/Frameworks/NetFS.framework/Versions/A/NetFS  
0x990a0000 - 0x990bfff7 com.apple.GenerationalStorage (2.0 - 209.11) <34CF76B2-8052-359D-816D-092608FB6919>  
/System/Library/PrivateFrameworks/GenerationalStorage.framework/Versions/A/GenerationalStorage  
0x990c0000 - 0x99499fff com.apple.HIToolbox (2.1.1 - 758.7) <A7B81A48-6BB9-35EC-B128-D38AD4EC7802>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox  
0x9949a000 - 0x994d4fff com.apple.DebugSymbols (115 - 115) <D01FFA10-1734-31C5-B5A1-9CB61463FC15>  
/System/Library/PrivateFrameworks/DebugSymbols.framework/Versions/A/DebugSymbols  
0x994d5000 - 0x99518fff libGLU.dylib (11.1.2) <D044C93B-4FCF-378E-9CD4-50E2EBA17EF0>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLU.dylib  
0x99519000 - 0x99534fff com.apple.openscripting (1.4 - 162.1) <CC32543F-0BEA-3022-AF35-5149C50DE902>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/OpenScripting.framework/Versions/A/OpenScripting  
0x99536000 - 0x99547fff libbsm.0.dylib (34) <C9F0C608-2794-3F6B-8078-583FC0046039> /usr/lib/libbsm.0.dylib  
0x9954a000 - 0x9954cfff com.apple.loginsupport (1.0 - 1) <BA8EEAD0-8E97-3219-949B-50AE67F8869E>  
/System/Library/PrivateFrameworks/login.framework/Versions/A/Frameworks/loginsupport.framework/Versions/A/loginsupport  
0x9954d000 - 0x996fbfff GLEngine (11.1.2) <E08E5A1F-548F-3334-B181-0848981F43A9>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Resources/GLEngine.bundle/GLEngine  
0x996fc000 - 0x9972ffff com.apple.CoreServicesInternal (221.7.2 - 221.7.2) <709E9F1B-D266-399B-9A4B-3785BBF64E01>  
/System/Library/PrivateFrameworks/CoreServicesInternal.framework/Versions/A/CoreServicesInternal  
0x99730000 - 0x99763fff com.apple.CoreAVCHD (5.7.5 - 5750.4.1) <103A5EA0-9B75-3B23-BE72-C4DD52744A6A>  
/System/Library/PrivateFrameworks/CoreAVCHD.framework/Versions/A/CoreAVCHD  
0x99796000 - 0x997bffff libRIP.A.dylib (779.11) <4BD501EF-1671-3165-BD7A-CF227F4BD690>  
/System/Library/Frameworks/CoreGraphics.framework/Versions/A/Resources/libRIP.A.dylib  
0x997c0000 - 0x997c0fff com.apple.Accelerate (1.10 - Accelerate 1.10) <C2367B5B-AE20-3084-A864-104743BE478E>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Accelerate  
0x997c1000 - 0x997c1fff com.apple.audio.units.AudioUnit (1.12 - 1.12) <CFB6243A-1613-3468-88CE-1DDBEC1E6984>  
/System/Library/Frameworks/AudioUnit.framework/Versions/A/AudioUnit  
0x997c2000 - 0x9985cfff com.apple.ColorSync (4.9.0 - 4.9.0) <E3442A3A-181A-3C39-86D5-89292AF8115F>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ColorSync.framework/Versions/A/ColorSync  
0x9985d000 - 0x9985ffff com.apple.EFILogin (2.0 - 2) <00F6D57F-5B4F-373E-BBFF-D19E1E7F87E6>  
/System/Library/PrivateFrameworks/EFILogin.framework/Versions/A/EFILogin  
0x9a336000 - 0x9a33ffff libcopyfile.dylib (118.1.2) <FAF3268F-C580-33D3-A5B4-74B8A8713216> /usr/lib/system/libcopyfile.dylib  
0x9a340000 - 0x9a36afff libxslt.1.dylib (13) <0F55B64A-6C55-304E-ACE0-B531027AA066> /usr/lib/libxslt.1.dylib  
0x9a36b000 - 0x9a38efff libJPEG.dylib (1237) <6838FF44-9DF6-349E-AFB4-182F80C2DA79>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJPEG.dylib  
0x9a38f000 - 0x9a397fff com.apple.icloud.FindMyDevice (1.0 - 1) <E6C21417-C63A-3CD7-9329-205057417AC1>  
/System/Library/PrivateFrameworks/FindMyDevice.framework/Versions/A/FindMyDevice  
0x9a398000 - 0x9a5a6fff com.apple.CFNetwork (720.3.13 - 720.3.13) <2593580E-5547-37C7-A99A-9D1B086C8B69>  
/System/Library/Frameworks/CFNetwork.framework/Versions/A/CFNetwork  
0x9a5a7000 - 0x9a5abfff libGIF.dylib (1237) <F831EEB0-3193-32A7-914D-F77C7D5027E3>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libGIF.dylib  
0x9a5ac000 - 0x9a92ffff com.apple.VideoToolbox (1.0 - 1562.235) <52EE731A-400A-3670-8904-03636C41B4CD>  
/System/Library/Frameworks/VideoToolbox.framework/Versions/A/VideoToolbox  
0x9a930000 - 0x9a999fff libcorecrypto.dylib (233.1.2) <F188C1A7-E88F-3EC5-A6AA-22C02E3F0C93>  
/usr/lib/system/libcorecrypto.dylib  
0x9a99a000 - 0x9a9b4fff liblzma.5.dylib (7) <D0BC984D-5B33-328C-8F1E-7E9C41813433> /usr/lib/liblzma.5.dylib  
0x9b339000 - 0x9b367fff libarchive.2.dylib (30) <8758D35F-ADF8-30F6-8EB2-9B852876EAC8> /usr/lib/libarchive.2.dylib  
0x9b368000 - 0x9b4f7fff libsqlite3.dylib (168) <C3F78985-C19B-3320-9F71-543969632128> /usr/lib/libsqlite3.dylib  
0x9b4f8000 - 0x9b4fcfff libheimdal-asn1.dylib (398.10.1) <6F113AF8-F5AD-330B-B029-F7AF28A93F28>  
/usr/lib/libheimdal-asn1.dylib  
0x9b4fd000 - 0x9b85eff3 com.apple.Foundation (6.9 - 1153.20) <B2539D54-EC35-3388-82C7-B01BB225A804>  
/System/Library/Frameworks/Foundation.framework/Versions/C/Foundation  
0x9b85f000 - 0x9b860fff liblangid.dylib (117) <34A0F807-755F-300B-B01F-AABAE3838451> /usr/lib/liblangid.dylib  
0x9b861000 - 0x9b8d4fff com.apple.framework.CoreWLAN (5.0 - 500.35.2) <8D5F7007-D938-3A4D-841A-647D272D2DB6>  
/System/Library/Frameworks/CoreWLAN.framework/Versions/A/CoreWLAN  
0x9b8d5000 - 0x9b90ffff com.apple.MediaKit (16 - 757.2) <C8A90BB1-86B8-3695-B098-DDEF9A44CDC9>  
/System/Library/PrivateFrameworks/MediaKit.framework/Versions/A/MediaKit

```

0x9b910000 - 0x9b91dff7 libbz2.1.0.dylib (36) <6BC7B049-8F03-3217-9840-B1804CCBF742> /usr/lib/libbz2.1.0.dylib
0x9b91e000 - 0x9ba14ff7 libxml2.2.dylib (26) <2F37833C-4D55-3A09-9A0C-5904E8B6892A> /usr/lib/libxml2.2.dylib
0x9ba18000 - 0x9bb02fff libcrypto.0.9.8.dylib (52.20.2) <3BE03EE0-9DAE-395D-8292-0371FB21EE3F> /usr/lib/libcrypto.0.9.8.dylib
0x9bb03000 - 0x9bb06ff7 com.apple.help (1.3.3 - 46) <FDF183E4-3B95-3CBD-A390-2536C8E7E258>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help
0x9bb07000 - 0x9bb14ff7 com.apple.speech.synthesis.framework (5.3.3 - 5.3.3) <3771942E-13BB-30C0-9992-11EE637871DC>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/SpeechSynthesis.framework/Versions/A/SpeechSynthesis
0x9bb15000 - 0x9bb19ff3 com.apple.TCC (1.0 - 1) <EE0D6865-A6E0-3BF0-93F1-837C09AA7978>
/System/Library/PrivateFrameworks/TCC.framework/Versions/A/TCC
0x9bb1a000 - 0x9bb54fff com.apple.AirPlaySupport (2.0 - 215.18) <62CFE5FC-293F-36C8-9371-243892E55D73>
/System/Library/PrivateFrameworks/AirPlaySupport.framework/Versions/A/AirPlaySupport
0x9bb55000 - 0x9bba6fff libcups.2.dylib (408.2) <425E4328-ECA1-31EE-B2C4-0D67FB8848BE> /usr/lib/libcups.2.dylib
0x9bbfb000 - 0x9bc06ff7 com.apple.AppSandbox (4.0 - 238.20.2) <E81603D8-FA25-3667-999C-E5A9DF790CB4>
/System/Library/PrivateFrameworks/AppSandbox.framework/Versions/A/AppSandbox
0x9bc07000 - 0x9bfbff7 com.apple.CoreFoundation (6.9 - 1153.18) <267B1002-C755-37B4-95CD-92358CF994B8>
/System/Library/Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation
0x9c2d3000 - 0x9c32cff3 libAVFAudio.dylib (118.6) <D91F498D-AF1E-368B-9DCB-CDA3AAA0E6CD>
/System/Library/Frameworks/AVFoundation.framework/Versions/A/Resources/libAVFAudio.dylib
0x9c32d000 - 0x9c36dff7 com.apple.Symbolication (1.4 - 56045) <BE1C4846-DA11-365D-9B46-3FF130401839>
/System/Library/PrivateFrameworks/Symbolication.framework/Versions/A/Symbolication
0x9c36e000 - 0x9c37aff7 com.apple.CrashReporterSupport (10.10 - 631) <456980E6-2F31-321B-B35D-CA54B88C6F1C>
/System/Library/PrivateFrameworks/CrashReporterSupport.framework/Versions/A/CrashReporterSupport
0x9c37b000 - 0x9c380ff7 libmacho.dylib (862) <48DE74F8-09E3-344F-A82F-665083A3BF8F> /usr/lib/system/libmacho.dylib
0x9c381000 - 0x9c3caff7 libFontRegistry.dylib (134.1) <6CF6177B-D5D6-3E7B-88BC-BE833D55018C>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontRegistry.dylib
0x9c3cb000 - 0x9c45dff7 com.apple.CoreSymbolication (3.1 - 57020.1) <7A6A6AD6-E46A-334F-ACC4-41B179505EC9>
/System/Library/PrivateFrameworks/CoreSymbolication.framework/Versions/A/CoreSymbolication
0x9c45e000 - 0x9c466feb libclldcpuengine.dylib (2.4.5) <DF8CD84D-565E-370D-AC80-7D43E19B7E42>
/System/Library/Frameworks/OpenCL.framework/Versions/A/Libraries/libclldcpuengine.dylib
0x9c467000 - 0x9c469ffb libCGXType.A.dylib (779.11) <2B22C4C3-CF75-3909-B9A0-1B9A23028FBB>
/System/Library/Frameworks/CoreGraphics.framework/Versions/A/Resources/libCGXType.A.dylib
0x9c46a000 - 0x9c46eff7 com.apple.IOAccelerator (156.14 - 156.14) <7A7AE17B-D677-3348-8AC3-B6F7BF36595E>
/System/Library/PrivateFrameworks/IOAccelerator.framework/Versions/A/IOAccelerator

```

External Modification Summary:

Calls made by other processes targeting this process:

task\_for\_pid: 855

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: 498487

thread\_create: 0

thread\_set\_state: 0

VM Region Summary:

ReadOnly portion of Libraries: Total=223.0M resident=96.0M(43%) swapped\_out\_or\_unallocated=127.0M(57%)

Writable regions: Total=2.8G written=73.2M(3%) resident=2.3G(81%) swapped\_out=0K(0%) unallocated=538.8M(19%)

REGION TYPE	VIRTUAL	=====	=====
CG backing stores	15.5M		
CG image	76K		
CG shared images	272K		
CoreServices	2252K		
CoreUI image data	120K		
IOKit	1.1G		
Kernel Alloc Once	4K		
MALLOC	1.1G		
MALLOC (admin)	48K		
Memory Tag 242	12K		
OpenCL	16K		
OpenGL GLSL	128K		

```

Stack                71.3M
VM_ALLOCATE          601.2M
VM_ALLOCATE (reserved) 4K   reserved VM address space (unallocated)
_DATA                15.4M
_GLSLBUILTINS        2588K
_IMAGE               528K
_LINKEDIT            50.4M
_OBJC                2504K
_TEXT                172.6M
__UNICODE            552K
mapped file          125.2M
shared memory        68K =====
TOTAL                3.2G
TOTAL, minus reserved VM space 3.2G

```

```

Model: MacBookPro10,1, BootROM MBP101.00EE.B07, 4 processors, Intel Core i7, 2.6 GHz, 16 GB, SMC 2.3f36
Graphics: Intel HD Graphics 4000, Intel HD Graphics 4000, Built-In
Graphics: NVIDIA GeForce GT 650M, NVIDIA GeForce GT 650M, PCIe, 1024 MB
Memory Module: BANK 0/DIMM0, 8 GB, DDR3, 1600 MHz, 0x80AD, 0x484D5434314753364D465238432D50422020
Memory Module: BANK 1/DIMM0, 8 GB, DDR3, 1600 MHz, 0x80AD, 0x484D5434314753364D465238432D50422020
AirPort: spairport_wireless_card_type_airport_extreme (0x14E4, 0xEF), Broadcom BCM43xx 1.0 (7.15.166.24.3)
Bluetooth: Version 4.3.4f4 15601, 3 services, 18 devices, 1 incoming serial ports
Network Service: Wi-Fi, AirPort, en0
Serial ATA Device: APPLE SSD SM512E, 500.28 GB
USB Device: HD-PNTU3
USB Device: Hub
USB Device: FaceTime HD Camera (Built-in)
USB Device: USB Gaming Mouse
USB Device: Hub
USB Device: Hub
USB Device: BRCM20702 Hub
USB Device: Bluetooth USB Host Controller
USB Device: Apple Internal Keyboard / Trackpad
Thunderbolt Bus: MacBook Pro, Apple Inc., 23.4

```

## History

### #1 - 07/17/2016 09:27 AM - TriggerAu

- Status changed from New to Needs Clarification

### #2 - 08/09/2016 01:16 PM - TriggerAu

- Status changed from Needs Clarification to Closed

- % Done changed from 0 to 100

Closing this report out for now. If you find it is still occurring in the latest version of KSP please open a new report (and this one can be linked to it.) For best results, the wiki contains really useful info for when creating a report <http://bugs.kerbalspaceprogram.com/projects/ksp/wiki>.

You can also ask questions about the bug cleanup in the forum here:

<http://forum.kerbalspaceprogram.com/index.php?/topic/143980-time-to-clean-up-the-bug-tracker/> and tag @TriggerAu to get my attention