

Process: Altitude [898]  
Path: /Applications/Altitude.app/Contents/MacOS/Altitude  
Identifier: com.electron.altitude  
Version: 2.1.4 (2.1.4.22)  
Code Type: X86-64 (Native)  
Parent Process: ??? [1]  
Responsible: Altitude [898]  
User ID: 502

Date/Time: 2020-01-29 12:21:47.178 +1100  
OS Version: Mac OS X 10.14.6 (18G87)  
Report Version: 12  
Anonymous UUID: FF404B9D-17A5-7EC3-B507-EFCAFE8FCEE9

Time Awake Since Boot: 1300 seconds

System Integrity Protection: enabled

Crashed Thread: 8 Chrome\_IOThread

Exception Type: EXC\_BAD\_INSTRUCTION (SIGILL)  
Exception Codes: 0x0000000000000001, 0x0000000000000000  
Exception Note: EXC\_CORPSE\_NOTIFY

Termination Signal: Illegal instruction: 4  
Termination Reason: Namespace SIGNAL, Code 0x4  
Terminating Process: exc handler [898]

Thread 0:: CrBrowserMain Dispatch queue: com.apple.main-thread

0	libsystem_kernel.dylib	0x00007fff73e7522a	mach_msg_trap + 10
1	libsystem_kernel.dylib	0x00007fff73e7576c	mach_msg + 60
2	libsystem_kernel.dylib	0x00007fff73e7860b	thread_get_state + 130
3	libobjc.A.dylib	0x00007fff72573303	_collecting_in_critical() + 134
4	libobjc.A.dylib	0x00007fff72571431	cache_collect + 68
5	libobjc.A.dylib	0x00007fff7258469c	

std::\_\_1::\_\_function::\_\_func<foreach\_realized\_class\_and\_metaclass(std::\_\_1::function<void (objc\_class\*)>>::'lambda'(objc\_class\*),  
std::\_\_1::allocator<foreach\_realized\_class\_and\_metaclass(std::\_\_1::function<void (objc\_class\*)>>::'lambda'(objc\_class\*)>, bool (objc\_class\*)>::operator()  
(objc\_class\*&&) + 38

6	libobjc.A.dylib	0x00007fff7256cde3	flushCaches(objc_class*) + 503
7	libobjc.A.dylib	0x00007fff7257bad0	method_exchangeImplementations + 89
8	com.apple.MediaRemote	0x00007fff6617413e	MRCClassSwizzleMethod + 206
9	com.apple.MediaRemote	0x00007fff6617403e	+ [_MRNowPlayingPlayerPathProtobuf(MRPlayerPathAdditions_Private) initialize] + 126
10	libobjc.A.dylib	0x00007fff7257dce2	

CALLING\_SOME\_+initialize\_METHOD + 19  
 11 libobjc.A.dylib 0x00007fff7257e0a6 initializeNonMetaClass + 281  
 12 libobjc.A.dylib 0x00007fff7257ee4f  
 initializeAndMaybeRelock(objc\_class\*, objc\_object\*, mutex\_tt<false>&, bool) + 187  
 13 libobjc.A.dylib 0x00007fff7256e38b lookUpImpOrForward + 228  
 14 libobjc.A.dylib 0x00007fff7256de14 \_objc\_msgSend\_uncached +  
 68  
 15 com.apple.MediaRemote 0x00007fff66173f4b  
 MRNowPlayingPlayerPathCreate + 43  
 16 com.apple.MediaRemote 0x00007fff6639a467  
 \_\_MRMediaRemoteGetLocalNowPlayingPlayerPath\_block\_invoke + 55  
 17 libdispatch.dylib 0x00007fff73cf363d \_dispatch\_client\_callout + 8  
 18 libdispatch.dylib 0x00007fff73cf4d4b \_dispatch\_once\_callout + 20  
 19 com.apple.MediaRemote 0x00007fff6639a3fc  
 MRMediaRemoteGetLocalNowPlayingPlayerPath + 76  
 20 com.apple.MediaPlayer 0x00007fff4c10fd06 -  
 [MPRemoteCommandCenter initWithPlayerID:] + 230  
 21 com.apple.MediaPlayer 0x00007fff4c10f768 \_\_44+  
 [MPRemoteCommandCenter sharedCommandCenter]\_block\_invoke + 56  
 22 libdispatch.dylib 0x00007fff73cf363d \_dispatch\_client\_callout + 8  
 23 libdispatch.dylib 0x00007fff73cf4d4b \_dispatch\_once\_callout + 20  
 24 com.apple.MediaPlayer 0x00007fff4c10f704 +  
 [MPRemoteCommandCenter sharedCommandCenter] + 84  
 25 com.github.Electron.framework 0x0000000111d6a049 0x10ebf9000 +  
 51843145  
 26 com.github.Electron.framework 0x0000000111d68095 0x10ebf9000 +  
 51835029  
 27 com.github.Electron.framework 0x0000000111d67f97 0x10ebf9000 +  
 51834775  
 28 com.github.Electron.framework 0x00000001107459a7 0x10ebf9000 +  
 28625319  
 29 com.github.Electron.framework 0x0000000110bb4287 0x10ebf9000 +  
 33272455  
 30 com.github.Electron.framework 0x0000000110744c96 0x10ebf9000 +  
 28621974  
 31 com.github.Electron.framework 0x0000000110747372 0x10ebf9000 +  
 28631922  
 32 com.github.Electron.framework 0x0000000110743416 0x10ebf9000 +  
 28615702  
 33 com.github.Electron.framework 0x0000000110601932 0x10ebf9000 +  
 27298098  
 34 com.github.Electron.framework 0x000000011060154e 0x10ebf9000 +  
 27297102  
 35 com.github.Electron.framework 0x0000000112716c39 0x10ebf9000 +  
 61987897  
 36 com.github.Electron.framework 0x000000010f7aaa94 0x10ebf9000 +  
 12262036  
 37 com.github.Electron.framework 0x000000010ebfbf54 AtomMain + 84  
 38 com.electron.altitude 0x00000001082079e0 0x108207000 + 2528  
 39 libdyld.dylib 0x00007fff73d403d5 start + 1

Thread 1:

0 libsystem\_pthread.dylib 0x00007fff73f333f0 start\_wqthread + 0

Thread 2:

0 libsystem\_pthread.dylib 0x00007fff73f333f0 start\_wqthread + 0

Thread 3:

0 libsystem\_pthread.dylib 0x00007fff73f333f0 start\_wqthread + 0

Thread 4:: Dispatch queue: com.apple.SystemConfiguration.DNSConfiguration

0 libsystem\_kernel.dylib 0x00007fff73e779de \_\_unlock\_wait + 10  
1 libsystem\_platform.dylib 0x00007fff73f29c3a \_os\_unfair\_lock\_lock\_slow + 143  
2 libobjc.A.dylib 0x00007fff7256e309 lookUpImpOrForward + 98  
3 libobjc.A.dylib 0x00007fff7256de14 \_objc\_msgSend\_uncached + 68  
4 libdispatch.dylib 0x00007fff73cf36dd \_dispatch\_client\_callout4 + 9  
5 libdispatch.dylib 0x00007fff73d0b8be  
\_dispatch\_mach\_cancel\_invoke + 65  
6 libdispatch.dylib 0x00007fff73d08e54 \_dispatch\_mach\_invoke + 1052  
7 libdispatch.dylib 0x00007fff73cf9792 \_dispatch\_lane\_serial\_drain + 268  
8 libdispatch.dylib 0x00007fff73cfa396 \_dispatch\_lane\_invoke + 385  
9 libdispatch.dylib 0x00007fff73d026ed  
\_dispatch\_workloop\_worker\_thread + 598  
10 libsystem\_pthread.dylib 0x00007fff73f33611 \_pthread\_wqthread + 421  
11 libsystem\_pthread.dylib 0x00007fff73f333fd start\_wqthread + 13

Thread 5:: ThreadPoolServiceThread

0 libsystem\_kernel.dylib 0x00007fff73e7d0a6 kevent64 + 10  
1 com.github.Electron.framework 0x0000000110fc03fa 0x10ebf9000 + 37516282  
2 com.github.Electron.framework 0x0000000110fc0266 0x10ebf9000 + 37515878  
3 com.github.Electron.framework 0x0000000110f6c808 0x10ebf9000 + 37173256  
4 com.github.Electron.framework 0x0000000110f40887 0x10ebf9000 + 36993159  
5 com.github.Electron.framework 0x0000000110f6f907 0x10ebf9000 + 37185799  
6 com.github.Electron.framework 0x0000000110f7bdb6 0x10ebf9000 + 37236150  
7 com.github.Electron.framework 0x0000000110fc2177 0x10ebf9000 + 37523831  
8 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
9 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
10 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 6:: ThreadPoolForegroundWorker

0 libsystem\_kernel.dylib 0x00007fff73e7522a mach\_msg\_trap + 10  
1 libsystem\_kernel.dylib 0x00007fff73e7576c mach\_msg + 60

2 com.github.Electron.framework 0x0000000110f58eb5 0x10ebf9000 + 37093045  
3 com.github.Electron.framework 0x0000000110f7774d 0x10ebf9000 + 37218125  
4 com.github.Electron.framework 0x0000000110f77dd0 0x10ebf9000 + 37219792  
5 com.github.Electron.framework 0x0000000110f77a14 0x10ebf9000 + 37218836  
6 com.github.Electron.framework 0x0000000110fc2177 0x10ebf9000 + 37523831  
7 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
8 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
9 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 7:: ThreadPoolBackgroundWorker

0 libsystem\_kernel.dylib 0x00007fff73e7522a mach\_msg\_trap + 10  
1 libsystem\_kernel.dylib 0x00007fff73e7576c mach\_msg + 60  
2 com.github.Electron.framework 0x0000000110f58eb5 0x10ebf9000 + 37093045  
3 com.github.Electron.framework 0x0000000110f7774d 0x10ebf9000 + 37218125  
4 com.github.Electron.framework 0x0000000110f77afc 0x10ebf9000 + 37219068  
5 com.github.Electron.framework 0x0000000110f77984 0x10ebf9000 + 37218692  
6 com.github.Electron.framework 0x0000000110fc2177 0x10ebf9000 + 37523831  
7 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
8 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
9 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 8 Crashed:: Chrome\_IOThread

0 com.github.Electron.framework 0x000000010eca1b53 0x10ebf9000 + 691027  
1 com.github.Electron.framework 0x00000001108ffa86 0x10ebf9000 + 30435974  
2 com.github.Electron.framework 0x00000001108fdfd2 0x10ebf9000 + 30429138  
3 com.github.Electron.framework 0x00000001108f8ca8 0x10ebf9000 + 30407848  
4 com.github.Electron.framework 0x00000001108f8a36 0x10ebf9000 + 30407222  
5 com.github.Electron.framework 0x0000000110f5bec2 0x10ebf9000 + 37105346  
6 com.github.Electron.framework 0x0000000110f6be54 0x10ebf9000 + 37170772  
7 com.github.Electron.framework 0x0000000110f6bb37 0x10ebf9000 + 37169975  
8 com.github.Electron.framework 0x0000000110fc0207 0x10ebf9000 + 37515783  
9 com.github.Electron.framework 0x0000000110f6c808 0x10ebf9000 + 37173256  
10 com.github.Electron.framework 0x0000000110f40887 0x10ebf9000 + 36993159

11 com.github.Electron.framework 0x000000011074d1d4 0x10ebf9000 +  
28656084  
12 com.github.Electron.framework 0x0000000110f7bdb6 0x10ebf9000 +  
37236150  
13 com.github.Electron.framework 0x0000000110fc2177 0x10ebf9000 +  
37523831  
14 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
15 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
16 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 9:

0 libsystem\_kernel.dylib 0x00007fff73e7b78e kevent + 10  
1 com.github.Electron.framework 0x0000000114606eea 0x10ebf9000 +  
94428906  
2 com.github.Electron.framework 0x00000001145f6891 uv\_run + 497  
3 com.github.Electron.framework 0x00000001145727f6 0x10ebf9000 +  
93820918  
4 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
5 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
6 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 10:

0 libsystem\_kernel.dylib 0x00007fff73e7886a \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff73f3756e \_pthread\_cond\_wait + 722  
2 com.github.Electron.framework 0x0000000114602269 uv\_cond\_wait + 9  
3 com.github.Electron.framework 0x0000000114572908 0x10ebf9000 +  
93821192  
4 com.github.Electron.framework 0x000000011457057b 0x10ebf9000 +  
93812091  
5 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
6 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
7 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 11:

0 libsystem\_kernel.dylib 0x00007fff73e7886a \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff73f3756e \_pthread\_cond\_wait + 722  
2 com.github.Electron.framework 0x0000000114602269 uv\_cond\_wait + 9  
3 com.github.Electron.framework 0x0000000114572908 0x10ebf9000 +  
93821192  
4 com.github.Electron.framework 0x000000011457057b 0x10ebf9000 +  
93812091  
5 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
6 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
7 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 12:

0 libsystem\_kernel.dylib 0x00007fff73e7886a \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff73f3756e \_pthread\_cond\_wait + 722  
2 com.github.Electron.framework 0x0000000114602269 uv\_cond\_wait + 9  
3 com.github.Electron.framework 0x0000000114572908 0x10ebf9000 +

93821192

4 com.github.Electron.framework 0x000000011457057b 0x10ebf9000 +  
93812091  
5 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
6 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
7 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 13:

0 libsystem\_kernel.dylib 0x00007fff73e75266 semaphore\_wait\_trap + 10  
1 com.github.Electron.framework 0x00000001146027d0 uv\_sem\_wait + 16  
2 com.github.Electron.framework 0x00000001145bd652 0x10ebf9000 +  
94127698  
3 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
4 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
5 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 14:

0 libsystem\_kernel.dylib 0x00007fff73e7886a \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff73f3756e \_pthread\_cond\_wait + 722  
2 com.github.Electron.framework 0x0000000114602269 uv\_cond\_wait + 9  
3 com.github.Electron.framework 0x00000001145f2849 0x10ebf9000 +  
94345289  
4 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
5 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
6 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 15:

0 libsystem\_kernel.dylib 0x00007fff73e7886a \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff73f3756e \_pthread\_cond\_wait + 722  
2 com.github.Electron.framework 0x0000000114602269 uv\_cond\_wait + 9  
3 com.github.Electron.framework 0x00000001145f2849 0x10ebf9000 +  
94345289  
4 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
5 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
6 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 16:

0 libsystem\_kernel.dylib 0x00007fff73e7886a \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff73f3756e \_pthread\_cond\_wait + 722  
2 com.github.Electron.framework 0x0000000114602269 uv\_cond\_wait + 9  
3 com.github.Electron.framework 0x00000001145f2849 0x10ebf9000 +  
94345289  
4 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
5 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
6 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 17:

0 libsystem\_kernel.dylib 0x00007fff73e7886a \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff73f3756e \_pthread\_cond\_wait + 722  
2 com.github.Electron.framework 0x0000000114602269 uv\_cond\_wait + 9

3 com.github.Electron.framework 0x00000001145f2849 0x10ebf9000 +  
94345289  
4 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
5 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
6 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 18:: NetworkConfigWatcher

0 libsystem\_kernel.dylib 0x00007fff73e7522a mach\_msg\_trap + 10  
1 libsystem\_kernel.dylib 0x00007fff73e7576c mach\_msg + 60  
2 com.apple.CoreFoundation 0x00007fff47c9846d  
\_\_CFRunLoopServiceMachPort + 327  
3 com.apple.CoreFoundation 0x00007fff47c979da \_\_CFRunLoopRun + 1619  
4 com.apple.CoreFoundation 0x00007fff47c97135 CFRunLoopRunSpecific +  
459  
5 com.apple.Foundation 0x00007fff49f197df -[NSRunLoop(NSRunLoop)  
runMode:beforeDate:] + 280  
6 com.github.Electron.framework 0x0000000110fc8e71 0x10ebf9000 +  
37551729  
7 com.github.Electron.framework 0x0000000110fc7c98 0x10ebf9000 +  
37547160  
8 com.github.Electron.framework 0x0000000110f6c808 0x10ebf9000 +  
37173256  
9 com.github.Electron.framework 0x0000000110f40887 0x10ebf9000 +  
36993159  
10 com.github.Electron.framework 0x0000000110f7bdb6 0x10ebf9000 +  
37236150  
11 com.github.Electron.framework 0x0000000110fc2177 0x10ebf9000 +  
37523831  
12 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
13 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
14 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 19:: CrShutdownDetector

0 libsystem\_kernel.dylib 0x00007fff73e76ef2 read + 10  
1 com.github.Electron.framework 0x000000010eca979f 0x10ebf9000 + 722847  
2 com.github.Electron.framework 0x0000000110fc2177 0x10ebf9000 +  
37523831  
3 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
4 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
5 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 20:: NetworkConfigWatcher

0 libsystem\_kernel.dylib 0x00007fff73e7522a mach\_msg\_trap + 10  
1 libsystem\_kernel.dylib 0x00007fff73e7576c mach\_msg + 60  
2 com.apple.CoreFoundation 0x00007fff47c9846d  
\_\_CFRunLoopServiceMachPort + 327  
3 com.apple.CoreFoundation 0x00007fff47c979da \_\_CFRunLoopRun + 1619  
4 com.apple.CoreFoundation 0x00007fff47c97135 CFRunLoopRunSpecific +  
459  
5 com.apple.Foundation 0x00007fff49f197df -[NSRunLoop(NSRunLoop)

runMode:beforeDate:] + 280  
6 com.github.Electron.framework 0x0000000110fc8e71 0x10ebf9000 + 37551729  
7 com.github.Electron.framework 0x0000000110fc7c98 0x10ebf9000 + 37547160  
8 com.github.Electron.framework 0x0000000110f6c808 0x10ebf9000 + 37173256  
9 com.github.Electron.framework 0x0000000110f40887 0x10ebf9000 + 36993159  
10 com.github.Electron.framework 0x0000000110f7bdb6 0x10ebf9000 + 37236150  
11 com.github.Electron.framework 0x0000000110fc2177 0x10ebf9000 + 37523831  
12 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
13 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
14 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 21:: ThreadPoolForegroundWorker

0 libsystem\_kernel.dylib 0x00007fff73e7522a mach\_msg\_trap + 10  
1 libsystem\_kernel.dylib 0x00007fff73e7576c mach\_msg + 60  
2 com.github.Electron.framework 0x0000000110f58eb5 0x10ebf9000 + 37093045  
3 com.github.Electron.framework 0x0000000110f7774d 0x10ebf9000 + 37218125  
4 com.github.Electron.framework 0x0000000110f77dd0 0x10ebf9000 + 37219792  
5 com.github.Electron.framework 0x0000000110f77a14 0x10ebf9000 + 37218836  
6 com.github.Electron.framework 0x0000000110fc2177 0x10ebf9000 + 37523831  
7 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
8 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
9 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 22:: ThreadPoolForegroundWorker

0 libsystem\_kernel.dylib 0x00007fff73e76c86 kevent\_id + 10  
1 libdispatch.dylib 0x00007fff73d0e15f \_dispatch\_kq\_poll + 247  
2 libdispatch.dylib 0x00007fff73d0ecd7  
\_dispatch\_event\_loop\_wait\_for\_ownership + 498  
3 libdispatch.dylib 0x00007fff73cff36e  
\_\_DISPATCH\_WAIT\_FOR\_QUEUE\_\_ + 269  
4 libdispatch.dylib 0x00007fff73cfefce \_dispatch\_sync\_f\_slow + 171  
5 libsystem\_configuration.dylib 0x00007fff73e1328d dns\_configuration\_copy + 77  
6 com.github.Electron.framework 0x000000010ee3339c 0x10ebf9000 + 2335644  
7 com.github.Electron.framework 0x000000010ee59d6c 0x10ebf9000 + 2493804  
8 com.github.Electron.framework 0x0000000110f7a713 0x10ebf9000 + 37230355  
9 com.github.Electron.framework 0x0000000110f86fd9 0x10ebf9000 + 37281753  
10 com.github.Electron.framework 0x0000000110f5bec2 0x10ebf9000 +



37105346  
11 com.github.Electron.framework 0x0000000110f71272 0x10ebf9000 +  
37192306  
12 com.github.Electron.framework 0x0000000110f70d01 0x10ebf9000 +  
37190913  
13 com.github.Electron.framework 0x0000000110fb7ae6 0x10ebf9000 +  
37481190  
14 com.github.Electron.framework 0x0000000110f709d0 0x10ebf9000 +  
37190096  
15 com.github.Electron.framework 0x0000000110f77bfd 0x10ebf9000 + 37219325  
16 com.github.Electron.framework 0x0000000110f77a14 0x10ebf9000 +  
37218836  
17 com.github.Electron.framework 0x0000000110fc2177 0x10ebf9000 +  
37523831  
18 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
19 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
20 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 23:: CompositorTileWorker1

0 libsystem\_kernel.dylib 0x00007fff73e7886a \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff73f3756e \_pthread\_cond\_wait + 722  
2 com.github.Electron.framework 0x0000000110fb7195 0x10ebf9000 +  
37478805  
3 com.github.Electron.framework 0x000000011229d12d 0x10ebf9000 +  
57295149  
4 com.github.Electron.framework 0x0000000110fc2177 0x10ebf9000 +  
37523831  
5 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
6 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
7 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 24:: ThreadPoolForegroundWorker

0 libsystem\_kernel.dylib 0x00007fff73e7522a mach\_msg\_trap + 10  
1 libsystem\_kernel.dylib 0x00007fff73e7576c mach\_msg + 60  
2 com.github.Electron.framework 0x0000000110f58eb5 0x10ebf9000 +  
37093045  
3 com.github.Electron.framework 0x0000000110f7774d 0x10ebf9000 +  
37218125  
4 com.github.Electron.framework 0x0000000110f77afc 0x10ebf9000 + 37219068  
5 com.github.Electron.framework 0x0000000110f77a14 0x10ebf9000 +  
37218836  
6 com.github.Electron.framework 0x0000000110fc2177 0x10ebf9000 +  
37523831  
7 libsystem\_pthread.dylib 0x00007fff73f342eb \_pthread\_body + 126  
8 libsystem\_pthread.dylib 0x00007fff73f37249 \_pthread\_start + 66  
9 libsystem\_pthread.dylib 0x00007fff73f3340d thread\_start + 13

Thread 8 crashed with X86 Thread State (64-bit):

rax: 0x0000000000000000 rbx: 0x000070000315f668 rcx: 0x0000000000000061  
rdx: 0x0000000000000000

rdi: 0x000070000315f6e0 rsi: 0x000070000315f6b0 rbp: 0x000070000315f740  
rsp: 0x000070000315f660  
r8: 0x00000000000000091 r9: 0x00000000000000000 r10: 0x00000000000002bc0  
r11: 0x00000000000000070  
r12: 0x000060000110bd00 r13: 0x000060000312c3c0 r14: 0x000070000315f6b0  
r15: 0x0000600003138000  
rip: 0x000000010eca1b53 rfi: 0x0000000000010246 cr2: 0x000070000315d528

Logical CPU: 4  
Error Code: 0x00000000  
Trap Number: 6

#### Binary Images:

0x108207000 - 0x10822ffff +com.electron.altitude (2.1.4 - 2.1.4.22)  
<CD315A0C-AE44-3040-8C05-F56E5800F953> /Applications/Altitude.app/Contents/  
MacOS/Altitude  
0x108236000 - 0x108251fff +com.github.Squirrel (1.0 - 1)  
<E4398068-33D3-3A00-9DBE-5ACC9B022501> /Applications/Altitude.app/  
Contents/Frameworks/Squirrel.framework/Versions/A/Squirrel  
0x108273000 - 0x1082d6ff7 +org.reactivecocoa.ReactiveCocoa (1.0 - 1)  
<701B20DE-3ADD-3643-B52A-E05744C30DB3> /Applications/Altitude.app/  
Contents/Frameworks/ReactiveCocoa.framework/Versions/A/ReactiveCocoa  
0x108348000 - 0x10835cfff +org.mantle.Mantle (1.0 - ???)  
<31915DD6-48E6-3706-A076-C9D4CE17F4F6> /Applications/Altitude.app/  
Contents/Frameworks/Mantle.framework/Versions/A/Mantle  
0x10836e000 - 0x1085fafe7 +libffmpeg.dylib (0) <CD6D3D90-7668-37FE-  
A3E0-1B71B3ABB7C8> /Applications/Altitude.app/Contents/Frameworks/Electron  
Framework.framework/Versions/A/Libraries/libffmpeg.dylib  
0x10eb2e000 - 0x10eb986ef dyld (655.1.1) <D3E77331-ACE5-349D-  
A7CC-433D626D4A5B> /usr/lib/dyld  
0x10ebf9000 - 0x115384f67 +com.github.Electron.framework (7.1.10)  
<B9C2862C-89D6-3FDD-B79C-2AC446EBA807> /Applications/Altitude.app/  
Contents/Frameworks/Electron Framework.framework/Versions/A/Electron  
Framework  
0x7fff43aa6000 - 0x7fff43c82ffb com.apple.avfoundation (2.0 - 1550.4)  
<5854207B-6106-3DA4-80B6-36C42D042F26> /System/Library/Frameworks/  
AVFoundation.framework/Versions/A/AVFoundation  
0x7fff43c83000 - 0x7fff43d48fff com.apple.audio.AVFAudio (1.0 - ???)  
<D454A339-2FC6-3EF6-992F-D676046612DB> /System/Library/Frameworks/  
AVFoundation.framework/Versions/A/Frameworks/AVFAudio.framework/Versions/A/  
AVFAudio  
0x7fff43e50000 - 0x7fff43e50fff com.apple.Accelerate (1.11 - Accelerate 1.11)  
<B2A0C739-1D41-3452-9D00-8C01ADA5DD99> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Accelerate  
0x7fff43e68000 - 0x7fff4475cfc3 com.apple.vImage (8.1 - ???)  
<2905F53F-12C4-3583-A0A3-82607C5341CA> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/  
vImage  
0x7fff4475d000 - 0x7fff44903feb libBLAS.dylib (1243.200.4)

<02059CCF-0B14-3BFA-9B74-B5685219682E> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/  
libBLAS.dylib  
0x7fff44904000 - 0x7fff44948ff7 libBNNS.dylib (38.250.1)  
<AB890F6F-0B7D-3EC5-8A0E-874EAA4D0731> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/  
libBNNS.dylib  
0x7fff44949000 - 0x7fff44d01ff3 libLAPACK.dylib (1243.200.4) <2CD8E9C6-  
E489-38E1-8A08-42CBE87FAC77> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/  
libLAPACK.dylib  
0x7fff44d02000 - 0x7fff44d17ffb libLinearAlgebra.dylib (1243.200.4)  
<E7507B69-EF24-39D6-9B35-4A66E833C3F8> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/  
libLinearAlgebra.dylib  
0x7fff44d18000 - 0x7fff44d1dff3 libQuadrature.dylib (3.200.2)  
<1BAE7E22-2862-379F-B334-A3756067730F> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/  
libQuadrature.dylib  
0x7fff44d1e000 - 0x7fff44d9aff3 libSparse.dylib (79.200.5)  
<E78B33D3-672A-3C53-B512-D3DDB2E9AC8D> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/  
libSparse.dylib  
0x7fff44d9b000 - 0x7fff44dadffb libSparseBLAS.dylib (1243.200.4)  
<069BE0D3-FEDF-3848-81B7-B5D64F511EC6> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/  
libSparseBLAS.dylib  
0x7fff44dae000 - 0x7fff44f4efef libvDSP.dylib (671.250.4) <CA46FD92-  
D0CB-39B5-BD26-BEB3897D3154> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/  
libvDSP.dylib  
0x7fff44f4f000 - 0x7fff450c3fdf libvMisc.dylib (671.250.4) <9B4E3148-  
A73F-3DBF-A47B-68DAA26D15BE> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/  
libvMisc.dylib  
0x7fff450c4000 - 0x7fff450c4fff com.apple.Accelerate.vecLib (3.11 - vecLib  
3.11) <A83C1419-E651-3924-8A6D-FF7321C8AB90> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/vecLib  
0x7fff45266000 - 0x7fff4601bffb com.apple.AppKit (6.9 - 1671.60.107)  
<DA722801-0527-3265-ADAE-BB2966649C7C> /System/Library/Frameworks/  
AppKit.framework/Versions/C/AppKit  
0x7fff4606d000 - 0x7fff4606dfff com.apple.ApplicationServices (50.1 - 50.1)  
<84097DEB-E2FC-3901-8DD7-A670EA2274E0> /System/Library/Frameworks/  
ApplicationServices.framework/Versions/A/ApplicationServices  
0x7fff4606e000 - 0x7fff460d9fff com.apple.ApplicationServices.ATS (377 -  
453.11.2.2) <A258DA73-114B-3102-A056-4AAAD3CEB9DD> /System/Library/  
Frameworks/ApplicationServices.framework/Versions/A/Frameworks/  
ATS.framework/Versions/A/ATS  
0x7fff46172000 - 0x7fff46289fff libFontParser.dylib (228.6.2.3)  
<3602D55B-3B9E-3B3A-A814-08C1244A8AE4> /System/Library/Frameworks/

ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontParser.dylib

0x7fff4628a000 - 0x7fff462ccfff libFontRegistry.dylib (228.12.2.3)  
<2A56347B-2809-3407-A8B4-2AB88E484062> /System/Library/Frameworks/  
ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/  
Resources/libFontRegistry.dylib

0x7fff463bd000 - 0x7fff463c1ff3 com.apple.ColorSyncLegacy (4.13.0 - 1)  
<C0D9E23C-ABA0-39DE-A4EB-5A41C5499056> /System/Library/Frameworks/  
ApplicationServices.framework/Versions/A/Frameworks/  
ColorSyncLegacy.framework/Versions/A/ColorSyncLegacy

0x7fff4645c000 - 0x7fff464aef7 com.apple.HIServices (1.22 - 628)  
<2BE461FF-80B9-30D3-A574-AED5724B1C1B> /System/Library/Frameworks/  
ApplicationServices.framework/Versions/A/Frameworks/HIServices.framework/  
Versions/A/HIServices

0x7fff464af000 - 0x7fff464befff com.apple.LangAnalysis (1.7.0 - 1.7.0)  
<F5617A2A-FEA6-3832-B5BA-C2111B98786F> /System/Library/Frameworks/  
ApplicationServices.framework/Versions/A/Frameworks/LangAnalysis.framework/  
Versions/A/LangAnalysis

0x7fff464bf000 - 0x7fff46508ff7 com.apple.print.framework.PrintCore (14.2 -  
503.8) <57C2FE32-0E74-3079-B626-C2D52F2D2717> /System/Library/  
Frameworks/ApplicationServices.framework/Versions/A/Frameworks/  
PrintCore.framework/Versions/A/PrintCore

0x7fff46509000 - 0x7fff46542ff7 com.apple.QD (3.12 - 407.2)  
<28C7D39F-59C9-3314-BECC-67045487229C> /System/Library/Frameworks/  
ApplicationServices.framework/Versions/A/Frameworks/QD.framework/Versions/A/  
QD

0x7fff46543000 - 0x7fff4654ffff com.apple.speech.synthesis.framework (8.1.3 -  
8.1.3) <5E7B9BD4-122B-3012-A044-3259C97E7509> /System/Library/Frameworks/  
ApplicationServices.framework/Versions/A/Frameworks/  
SpeechSynthesis.framework/Versions/A/SpeechSynthesis

0x7fff46550000 - 0x7fff467c7ff7 com.apple.audio.toolbox.AudioToolbox (1.14 -  
1.14) <04F482F1-E1C1-3955-8A6C-8AA152AA06F3> /System/Library/Frameworks/  
AudioToolbox.framework/Versions/A/AudioToolbox

0x7fff467c9000 - 0x7fff467c9fff com.apple.audio.units.AudioUnit (1.14 - 1.14)  
<ABC54269-002D-310D-9654-46CF960F863E> /System/Library/Frameworks/  
AudioUnit.framework/Versions/A/AudioUnit

0x7fff46b22000 - 0x7fff46ec3fff com.apple.CFNetwork (978.0.7 - 978.0.7)  
<B2133D0D-1399-3F17-80F0-313E3A241C89> /System/Library/Frameworks/  
CFNetwork.framework/Versions/A/CFNetwork

0x7fff46ed8000 - 0x7fff46ed8fff com.apple.Carbon (158 - 158)  
<56AD06AA-7BB4-3F0B-AEF7-9768D0BC1C98> /System/Library/Frameworks/  
Carbon.framework/Versions/A/Carbon

0x7fff46ed9000 - 0x7fff46edcfff com.apple.CommonPanels (1.2.6 - 98)  
<1CD6D56D-8EC7-3528-8CBC-FC69533519B5> /System/Library/Frameworks/  
Carbon.framework/Versions/A/Frameworks/CommonPanels.framework/Versions/A/  
CommonPanels

0x7fff46edd000 - 0x7fff471d4fff com.apple.HIToolbox (2.1.1 - 918.7)  
<13F69D4C-D19F-3E09-9231-1978D783A556> /System/Library/Frameworks/  
Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/  
HIToolbox

0x7fff471d5000 - 0x7fff471d8ff3 com.apple.help (1.3.8 - 66)  
<A08517EB-8958-36C9-AEE0-1A8FEEACBE3F> /System/Library/Frameworks/  
Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help  
0x7fff471d9000 - 0x7fff471deff7 com.apple.ImageCapture (9.0 - 1534.2)  
<DB063E87-ED8F-3E4E-A7E2-A6B45FA73EF7> /System/Library/Frameworks/  
Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/A/  
ImageCapture  
0x7fff471df000 - 0x7fff47274ff3 com.apple.ink.framework (10.9 - 225)  
<7C7E9483-2E91-3DD3-B1E0-C238F42CA0DD> /System/Library/Frameworks/  
Carbon.framework/Versions/A/Frameworks/Ink.framework/Versions/A/Ink  
0x7fff47275000 - 0x7fff4728dff7 com.apple.openscripting (1.7 - 179.1)  
<9B8C1ECC-5864-3E21-9149-863E884EA25C> /System/Library/Frameworks/  
Carbon.framework/Versions/A/Frameworks/OpenScripting.framework/Versions/A/  
OpenScripting  
0x7fff472ad000 - 0x7fff472aef7 com.apple.print.framework.Print (14.2 - 267.4)  
<A7A9D2A0-D4E0-35EF-A0F7-50521F707C33> /System/Library/Frameworks/  
Carbon.framework/Versions/A/Frameworks/Print.framework/Versions/A/Print  
0x7fff472af000 - 0x7fff472b1ff7 com.apple.securityhi (9.0 - 55006)  
<05717F77-7A7B-37E6-AB3E-03F063E9095B> /System/Library/Frameworks/  
Carbon.framework/Versions/A/Frameworks/SecurityHI.framework/Versions/A/  
SecurityHI  
0x7fff472b2000 - 0x7fff472b8ff7 com.apple.speech.recognition.framework  
(6.0.3 - 6.0.3) <3CC050FB-EBCB-3087-8EA5-F378C8F99217> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Frameworks/  
SpeechRecognition.framework/Versions/A/SpeechRecognition  
0x7fff473da000 - 0x7fff473daff com.apple.Cocoa (6.11 - 23)  
<A9778F0D-0DBC-3978-B92D-5E87FE1CB75D> /System/Library/Frameworks/  
Cocoa.framework/Versions/A/Cocoa  
0x7fff473e8000 - 0x7fff47537ff7 com.apple.ColorSync (4.13.0 - 3345.6)  
<31648BB6-7239-3D0E-81B1-BCF51FEF557F> /System/Library/Frameworks/  
ColorSync.framework/Versions/A/ColorSync  
0x7fff476c3000 - 0x7fff47749fff com.apple.audio.CoreAudio (4.3.0 - 4.3.0)  
<1E8E64E6-0E58-375A-97F7-07CB4EE181AC> /System/Library/Frameworks/  
CoreAudio.framework/Versions/A/CoreAudio  
0x7fff477ad000 - 0x7fff477d7ffb com.apple.CoreBluetooth (1.0 - 1)  
<A73F1709-DD18-3052-9F22-C0015278834B> /System/Library/Frameworks/  
CoreBluetooth.framework/Versions/A/CoreBluetooth  
0x7fff477d8000 - 0x7fff47b6bff3 com.apple.CoreData (120 - 866.6)  
<2408A361-E56E-30AD-B8CF-94305552E86C> /System/Library/Frameworks/  
CoreData.framework/Versions/A/CoreData  
0x7fff47b6c000 - 0x7fff47c5cff7 com.apple.CoreDisplay (101.3 - 110.18)  
<0EB2A997-FCAD-3D17-B140-9829961E5327> /System/Library/Frameworks/  
CoreDisplay.framework/Versions/A/CoreDisplay  
0x7fff47c5d000 - 0x7fff480a2fff com.apple.CoreFoundation (6.9 - 1575.17)  
<57B85682-96F5-3DD9-8969-DF83D07E0295> /System/Library/Frameworks/  
CoreFoundation.framework/Versions/A/CoreFoundation  
0x7fff480a4000 - 0x7fff48750fff com.apple.CoreGraphics (2.0 - 1265.9)  
<79190987-281B-3D7A-9C3F-95A85DD28021> /System/Library/Frameworks/  
CoreGraphics.framework/Versions/A/CoreGraphics  
0x7fff48752000 - 0x7fff48a72fff com.apple.CoreImage (14.4.0 - 750.0.140)

<11026E39-D2FF-3CF6-8ACE-7BA293F9853E> /System/Library/Frameworks/  
CoreImage.framework/Versions/A/CoreImage  
0x7fff48aec000 - 0x7fff48b42ff7 com.apple.audio.midi.CoreMIDI (1.10 - 88)  
<015D7611-2CC6-3B40-9639-43FB80222239> /System/Library/Frameworks/  
CoreMIDI.framework/Versions/A/CoreMIDI  
0x7fff48b45000 - 0x7fff48d6efff com.apple.CoreML (1.0 - 1) <9EC1FED2-  
BA47-307B-A326-43C4D05166E7> /System/Library/Frameworks/  
CoreML.framework/Versions/A/CoreML  
0x7fff48d6f000 - 0x7fff48e73fff com.apple.CoreMedia (1.0 - 2290.13)  
<A739B93D-23C2-3A34-8D61-6AC924B9634F> /System/Library/Frameworks/  
CoreMedia.framework/Versions/A/CoreMedia  
0x7fff48e74000 - 0x7fff48ecffff com.apple.CoreMediaIO (900.0 - 5050.1)  
<5F35E97B-2610-3744-94B6-062B0C27A6FD> /System/Library/Frameworks/  
CoreMediaIO.framework/Versions/A/CoreMediaIO  
0x7fff48ed0000 - 0x7fff48ed0fff com.apple.CoreServices (946 - 946)  
<455AB7C9-ECB1-3B5C-8D07-AC68810A90B1> /System/Library/Frameworks/  
CoreServices.framework/Versions/A/CoreServices  
0x7fff48ed1000 - 0x7fff48f4dff7 com.apple.AE (773 - 773)  
<55AE7C9E-27C3-30E9-A047-3B92A6FD53B4> /System/Library/Frameworks/  
CoreServices.framework/Versions/A/Frameworks/AE.framework/Versions/A/AE  
0x7fff48f4e000 - 0x7fff49225fff com.apple.CoreServices.CarbonCore (1178.33  
- 1178.33) <CB87F0C7-2CD6-3983-8E32-B6A2EC925352> /System/Library/  
Frameworks/CoreServices.framework/Versions/A/Frameworks/  
CarbonCore.framework/Versions/A/CarbonCore  
0x7fff49226000 - 0x7fff4926eff7 com.apple.DictionaryServices (1.2 - 284.16.4)  
<746EB200-DC51-30AE-9CBC-608A7B4CC8DA> /System/Library/Frameworks/  
CoreServices.framework/Versions/A/Frameworks/DictionaryServices.framework/  
Versions/A/DictionaryServices  
0x7fff4926f000 - 0x7fff49277ffb com.apple.CoreServices.FSEvents  
(1239.200.12 - 1239.200.12) <8406D379-8D33-3611-861B-7ABD26DB50D2> /  
System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/  
FSEvents.framework/Versions/A/FSEvents  
0x7fff49278000 - 0x7fff49429ff7 com.apple.LaunchServices (946 - 946)  
<A0C91634-9410-38E8-BC11-7A5A369E6BA5> /System/Library/Frameworks/  
CoreServices.framework/Versions/A/Frameworks/LaunchServices.framework/  
Versions/A/LaunchServices  
0x7fff4942a000 - 0x7fff494c8ff7 com.apple.Metadata (10.7.0 - 1191.57)  
<BFFAED00-2560-318A-BB8F-4E7E5123EC61> /System/Library/Frameworks/  
CoreServices.framework/Versions/A/Frameworks/Metadata.framework/Versions/A/  
Metadata  
0x7fff494c9000 - 0x7fff49513ff7 com.apple.CoreServices.OSServices (946 -  
946) <20C4EEF8-D5AC-39A0-9B4A-78F88E3EFBCC> /System/Library/  
Frameworks/CoreServices.framework/Versions/A/Frameworks/  
OSServices.framework/Versions/A/OSServices  
0x7fff49514000 - 0x7fff4957bff7 com.apple.SearchKit (1.4.0 - 1.4.0)  
<DA08AA6F-A6F1-36C0-87F4-E26294E51A3A> /System/Library/Frameworks/  
CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/Versions/A/  
SearchKit  
0x7fff4957c000 - 0x7fff4959dff3 com.apple.coreservices.SharedFileList (71.28  
- 71.28) <487A8464-729E-305A-B5D1-E3FE8EB9CFC5> /System/Library/

Frameworks/CoreServices.framework/Versions/A/Frameworks/  
SharedFileList.framework/Versions/A/SharedFileList  
0x7fff498a8000 - 0x7fff49a0aff3 com.apple.CoreText (352.0 - 584.26.3.2)  
<59919B0C-CBD5-3877-8D6F-D6048F1E5F42> /System/Library/Frameworks/  
CoreText.framework/Versions/A/CoreText  
0x7fff49a0b000 - 0x7fff49a4bff3 com.apple.CoreVideo (1.8 - 281.4)  
<10CF8E52-07E3-382B-8091-2CEEEFFA69B4> /System/Library/Frameworks/  
CoreVideo.framework/Versions/A/CoreVideo  
0x7fff49a4c000 - 0x7fff49adbfff com.apple.framework.CoreWLAN (13.0 -  
1375.2) <BF4B29F7-FBC8-3299-98E8-C3F8C04B7C92> /System/Library/  
Frameworks/CoreWLAN.framework/Versions/A/CoreWLAN  
0x7fff49c5e000 - 0x7fff49d0cff com.apple.DiscRecording (9.0.3 - 9030.4.5)  
<D7A28B57-C025-3D44-BB17-82243B7B91BC> /System/Library/Frameworks/  
DiscRecording.framework/Versions/A/DiscRecording  
0x7fff49d32000 - 0x7fff49d37ffb com.apple.DiskArbitration (2.7 - 2.7)  
<F481F2C0-884E-3265-8111-ABBEC93F0920> /System/Library/Frameworks/  
DiskArbitration.framework/Versions/A/DiskArbitration  
0x7fff49efa000 - 0x7fff49efcff3 com.apple.ForceFeedback (1.0.6 - 1.0.6)  
<205B0C3E-4E8D-3347-A993-469F06ABBFF9> /System/Library/Frameworks/  
ForceFeedback.framework/Versions/A/ForceFeedback  
0x7fff49efd000 - 0x7fff4a2aaff com.apple.Foundation (6.9 - 1575.17)  
<20150BA3-74D6-3991-AD22-52735FAD0E24> /System/Library/Frameworks/  
Foundation.framework/Versions/C/Foundation  
0x7fff4a319000 - 0x7fff4a348ffb com.apple.GSS (4.0 - 2.0)  
<E2B90D08-3857-3155-9FCC-07D778988EC9> /System/Library/Frameworks/  
GSS.framework/Versions/A/GSS  
0x7fff4a349000 - 0x7fff4a362ff3 com.apple.GameController (1.0 - 1)  
<9339D37B-54EA-31C5-A4A5-2135288BA992> /System/Library/Frameworks/  
GameController.framework/Versions/A/GameController  
0x7fff4a448000 - 0x7fff4a552fff com.apple.Bluetooth (6.0.14 - 6.0.14d3)  
<C2D1A774-2390-363D-8215-BF51FFCB6CCA> /System/Library/Frameworks/  
IOBluetooth.framework/Versions/A/IOBluetooth  
0x7fff4a5b5000 - 0x7fff4a644fff com.apple.framework.IOKit (2.0.2 -  
1483.260.4) <8A90F547-86EF-3DFB-92FE-0E2C0376DD84> /System/Library/  
Frameworks/IOKit.framework/Versions/A/IOKit  
0x7fff4a646000 - 0x7fff4a655ffb com.apple.IOSurface (255.6.1 - 255.6.1)  
<85F85EBB-EA59-3A8B-B3EB-7C20F3CC77AE> /System/Library/Frameworks/  
IOSurface.framework/Versions/A/IOSurface  
0x7fff4a656000 - 0x7fff4a6a8ff3 com.apple.ImageCaptureCore (1.0 - 1534.2)  
<27942C51-8108-3ED9-B37E-7C365A31EC2D> /System/Library/Frameworks/  
ImageCaptureCore.framework/Versions/A/ImageCaptureCore  
0x7fff4a6a9000 - 0x7fff4a837fff com.apple.ImageIO.framework (3.3.0 - 1850.2)  
<EAA38DD6-8072-3E7C-AC9E-C84B8FD8B5F6> /System/Library/Frameworks/  
ImageIO.framework/Versions/A/ImageIO  
0x7fff4a838000 - 0x7fff4a83cffb libGIF.dylib (1850.2) <E3C2899B-  
B8F9-348F-85C9-5AB60CBDA918> /System/Library/Frameworks/  
ImageIO.framework/Versions/A/Resources/libGIF.dylib  
0x7fff4a83d000 - 0x7fff4a91aff7 libJP2.dylib (1850.2) <3D039F77-0A78-3937-  
A820-7B521E556F12> /System/Library/Frameworks/ImageIO.framework/Versions/  
A/Resources/libJP2.dylib

0x7fff4a91b000 - 0x7fff4a940fff libJPEG.dylib (1850.2)  
<A0DDFC59-08D7-3A64-A79F-FBFF514FA415> /System/Library/Frameworks/  
ImageIO.framework/Versions/A/Resources/libJPEG.dylib  
0x7fff4ac04000 - 0x7fff4ac2aff7 libPng.dylib (1850.2) <28481306-323B-3769-  
B147-4E911F3B921A> /System/Library/Frameworks/ImageIO.framework/Versions/  
A/Resources/libPng.dylib  
0x7fff4ac2b000 - 0x7fff4ac2dff7 libRadiance.dylib (1850.2)  
<683CCBC4-89DC-322A-9406-075FDE41BE91> /System/Library/Frameworks/  
ImageIO.framework/Versions/A/Resources/libRadiance.dylib  
0x7fff4ac2e000 - 0x7fff4ac7bffb libTIFF.dylib (1850.2) <32DE59CE-  
C252-3D5A-85BC-82BC466DCCD3> /System/Library/Frameworks/  
ImageIO.framework/Versions/A/Resources/libTIFF.dylib  
0x7fff4af76000 - 0x7fff4bdd6fff com.apple.JavaScriptCore (14607 - 14607.3.9)  
<9B7D9E8B-619D-34A1-8FA9-E23C0EA3CD02> /System/Library/Frameworks/  
JavaScriptCore.framework/Versions/A/JavaScriptCore  
0x7fff4bdee000 - 0x7fff4be07fff com.apple.Kerberos (3.0 - 1)  
<DB1E0679-37E1-3B93-9789-32F63D660C3B> /System/Library/Frameworks/  
Kerberos.framework/Versions/A/Kerberos  
0x7fff4be8a000 - 0x7fff4bea8fff com.apple.CoreAuthentication.SharedUtils (1.0  
- 425.270.3) <67FAA45B-8ABA-3948-A2E5-B928EF63A4E7> /System/Library/  
Frameworks/LocalAuthentication.framework/Support/SharedUtils.framework/  
Versions/A/SharedUtils  
0x7fff4bea9000 - 0x7fff4bebdfff com.apple.LocalAuthentication (1.0 -  
425.270.3) <F7596821-7011-33CE-A073-8F66964404D0> /System/Library/  
Frameworks/LocalAuthentication.framework/Versions/A/LocalAuthentication  
0x7fff4c0c1000 - 0x7fff4c0cbfff com.apple.MediaAccessibility (1.0 - 114.4)  
<76C449C5-DB45-3D7F-BFAD-3DACEF15DA21> /System/Library/Frameworks/  
MediaAccessibility.framework/Versions/A/MediaAccessibility  
0x7fff4c0e0000 - 0x7fff4c17affb com.apple.MediaPlayer (1.0 - 1.0)  
<B29D3221-A7E1-3DA9-AF9C-5EA8B15841D4> /System/Library/Frameworks/  
MediaPlayer.framework/Versions/A/MediaPlayer  
0x7fff4c17b000 - 0x7fff4c821fff com.apple.MediaToolbox (1.0 - 2290.13)  
<71BB5D76-34CA-3A30-AECF-24BE29FCC275> /System/Library/Frameworks/  
MediaToolbox.framework/Versions/A/MediaToolbox  
0x7fff4c823000 - 0x7fff4c8cbff7 com.apple.Metal (162.2 - 162.2)  
<FFF7DFF3-7C4E-32C6-A0B5-C356079D3B7C> /System/Library/Frameworks/  
Metal.framework/Versions/A/Metal  
0x7fff4c8cd000 - 0x7fff4c8e6ff3 com.apple.MetalKit (1.0 - 113)  
<51CDE966-54A7-3556-971B-1173E9986BB8> /System/Library/Frameworks/  
MetalKit.framework/Versions/A/MetalKit  
0x7fff4c8e7000 - 0x7fff4c906ff7  
com.apple.MetalPerformanceShaders.MPSCore (1.0 - 1) <44CE8362-E972-3697-  
AD6F-15BC863BAEB8> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Frameworks/MPSCore.framework/Versions/A/  
MPSCore  
0x7fff4c907000 - 0x7fff4c983fe7  
com.apple.MetalPerformanceShaders.MPSImage (1.0 - 1) <EE8440DA-66DF-3923-  
ABBC-E0543211C069> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Frameworks/MPSImage.framework/Versions/  
A/MPSImage



0x7fff4c984000 - 0x7fff4c9abfff  
com.apple.MetalPerformanceShaders.MPSMatrix (1.0 - 1) <E64450DF-2B96-331E-B7F4-666E00571C70> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Frameworks/MPSMatrix.framework/Versions/  
A/MPSMatrix  
0x7fff4c9ac000 - 0x7fff4cad7ff7  
com.apple.MetalPerformanceShaders.MPSNeuralNetwork (1.0 - 1)  
<F2CF26B6-73F1-3644-8FE9-CDB9B2C4501F> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Frameworks/MPSNeuralNetwork.framework/  
Versions/A/MPSNeuralNetwork  
0x7fff4cad8000 - 0x7fff4caf2fff  
com.apple.MetalPerformanceShaders.MPSRayIntersector (1.0 - 1)  
<B33A35C3-0393-366B-ACFB-F4BB6A5F7B4A> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Frameworks/MPSRayIntersector.framework/  
Versions/A/MPSRayIntersector  
0x7fff4caf3000 - 0x7fff4caf4ff7  
com.apple.MetalPerformanceShaders.MetalPerformanceShaders (1.0 - 1)  
<69F14BCF-C5C5-3BF8-9C31-8F87D2D6130A> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Versions/A/MetalPerformanceShaders  
0x7fff4d8eb000 - 0x7fff4d8f7ff7 com.apple.NetFS (6.0 - 4.0)  
<E917806F-0607-3292-B2D6-A15404D61B99> /System/Library/Frameworks/  
NetFS.framework/Versions/A/NetFS  
0x7fff50395000 - 0x7fff503ecff7 com.apple.opencl (2.15.3 - 2.15.3)  
<056BAD8A-23BC-3F74-9E2C-3AC81E7DEA5A> /System/Library/Frameworks/  
OpenCL.framework/Versions/A/OpenCL  
0x7fff503ed000 - 0x7fff50408ff7 com.apple.CFOpenDirectory (10.14 -  
207.200.4) <F03D84EB-49B2-3A00-9127-B9A269824026> /System/Library/  
Frameworks/OpenDirectory.framework/Versions/A/Frameworks/  
CFOpenDirectory.framework/Versions/A/CFOpenDirectory  
0x7fff50409000 - 0x7fff50414ffb com.apple.OpenDirectory (10.14 - 207.200.4)  
<A8020CEE-5B78-3581-A735-EA2833683F31> /System/Library/Frameworks/  
OpenDirectory.framework/Versions/A/OpenDirectory  
0x7fff50d64000 - 0x7fff50d66fff libcVMSPPluginSupport.dylib (17.7.3)  
<8E051EA7-55B6-3DF1-9821-72C391DE953B> /System/Library/Frameworks/  
OpenGL.framework/Versions/A/Libraries/libCVMSPPluginSupport.dylib  
0x7fff50d67000 - 0x7fff50d6cff3 libCoreFSCache.dylib (166.2)  
<222C2A4F-7E32-30F6-8459-2FAB98073A3D> /System/Library/Frameworks/  
OpenGL.framework/Versions/A/Libraries/libCoreFSCache.dylib  
0x7fff50d6d000 - 0x7fff50d71fff libCoreVMClient.dylib (166.2)  
<6789ECD4-91DD-32EF-A1FD-F27D2344CD8B> /System/Library/Frameworks/  
OpenGL.framework/Versions/A/Libraries/libCoreVMClient.dylib  
0x7fff50d72000 - 0x7fff50d7aff7 libGFXShared.dylib (17.7.3) <8C50BF27-  
B525-3B23-B86C-F444ADF97851> /System/Library/Frameworks/  
OpenGL.framework/Versions/A/Libraries/libGFXShared.dylib  
0x7fff50d7b000 - 0x7fff50d86fff libGL.dylib (17.7.3) <2AC457EA-1BD3-3C8E-  
AFAB-7EA6234EB749> /System/Library/Frameworks/OpenGL.framework/Versions/  
A/Libraries/libGL.dylib  
0x7fff50d87000 - 0x7fff50dc1fef libGLImage.dylib (17.7.3) <AA027AFA-  
C115-3861-89B2-0AE946838952> /System/Library/Frameworks/  
OpenGL.framework/Versions/A/Libraries/libGLImage.dylib

0x7fff50f35000 - 0x7fff50f73fff libGLU.dylib (17.7.3) <CB3B0579-D9A2-3CA5-8942-0C8344FAD054> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLU.dylib

0x7fff51910000 - 0x7fff5191ffff com.apple.opengl (17.7.3 - 17.7.3) <94B5CF34-5BD6-3652-9A8C-E9C56E0A9FB4> /System/Library/Frameworks/OpenGL.framework/Versions/A/OpenGL

0x7fff51c9c000 - 0x7fff51de5ff7 com.apple.QTKit (7.7.3 - 3040) <D42BB4BE-B347-3113-ACA4-3257A5E45F52> /System/Library/Frameworks/QTKit.framework/Versions/A/QTKit

0x7fff51de6000 - 0x7fff5203aff com.apple.imageKit (3.0 - 1067) <4F398AF4-828E-3FC2-9E3D-4EE3F36F7619> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/ImageKit.framework/Versions/A/ImageKit

0x7fff5203b000 - 0x7fff52127fff com.apple.PDFKit (1.0 - 745.3) <EF7A5FC1-017A-329E-BDAE-3D136CE28E64> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/PDFKit.framework/Versions/A/PDFKit

0x7fff52128000 - 0x7fff525f7ff7 com.apple.QuartzComposer (5.1 - 370) <9C59494E-8D09-359E-B457-AA893520984C> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuartzComposer.framework/Versions/A/QuartzComposer

0x7fff525f8000 - 0x7fff5261eff7 com.apple.quartzfilters (1.10.0 - 83.1) <1CABB0FA-A6DB-3DD5-A598-F298F081E04E> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuartzFilters.framework/Versions/A/QuartzFilters

0x7fff5261f000 - 0x7fff52720ff7 com.apple.QuickLookUIFramework (5.0 - 775.6) <5660DDBA-2BE4-310A-9E81-370106EDB21D> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuickLookUI.framework/Versions/A/QuickLookUI

0x7fff52721000 - 0x7fff52721fff com.apple.quartzframework (1.5 - 23) <31783652-5E36-3773-8847-9FECFE2487F0> /System/Library/Frameworks/Quartz.framework/Versions/A/Quartz

0x7fff52722000 - 0x7fff52979ff7 com.apple.QuartzCore (1.11 - 701.14) <33E846BE-1794-3186-9BF2-6ADF62C782A3> /System/Library/Frameworks/QuartzCore.framework/Versions/A/QuartzCore

0x7fff5297a000 - 0x7fff529d1fff com.apple.QuickLookFramework (5.0 - 775.6) <CB74C63F-E223-3783-9021-8E28091BCDA6> /System/Library/Frameworks/QuickLook.framework/Versions/A/QuickLook

0x7fff52b98000 - 0x7fff52bb0ffb com.apple.SafariServices.framework (14608 - 14608.4.9.1.4) <307D6E76-3762-3D78-BCB7-AAA46B90362F> /System/Library/Frameworks/SafariServices.framework/Versions/A/SafariServices

0x7fff531af000 - 0x7fff534affff com.apple.security (7.0 - 58286.270.3.0.1) <DF7677A7-9765-3B6A-9D1C-3589145E4B65> /System/Library/Frameworks/Security.framework/Versions/A/Security

0x7fff534b0000 - 0x7fff5353cfff com.apple.securityfoundation (6.0 - 55185.260.1) <1EE899E6-222A-3526-B505-B0D0B6FA042A> /System/Library/Frameworks/SecurityFoundation.framework/Versions/A/SecurityFoundation

0x7fff5353d000 - 0x7fff5356dff com.apple.securityinterface (10.0 - 55109.200.8) <02B83641-2D21-3DB8-AAB8-6F8AAD0F6264> /System/Library/Frameworks/SecurityInterface.framework/Versions/A/SecurityInterface

0x7fff5356e000 - 0x7fff53572fff com.apple.xpc.ServiceManagement (1.0 - 1) <FCF7BABA-DDDD-3770-8DAC-7069850203C2> /System/Library/Frameworks/

ServiceManagement.framework/Versions/A/ServiceManagement  
0x7fff537c1000 - 0x7fff537d7ffb com.apple.StoreKit (1.0 - 1) <5E26D23D-  
D85C-32EF-AE44-2B0437893274> /System/Library/Frameworks/  
StoreKit.framework/Versions/A/StoreKit  
0x7fff5390b000 - 0x7fff53978fff com.apple.SystemConfiguration (1.17 - 1.17)  
<30C8327F-3EFF-3520-9C50-016F8B6B954F> /System/Library/Frameworks/  
SystemConfiguration.framework/Versions/A/SystemConfiguration  
0x7fff53bd7000 - 0x7fff53f38fff com.apple.VideoToolbox (1.0 - 2290.13)  
<7FCB2FC0-EFB8-37C2-B0D3-60AE9DFDE230> /System/Library/Frameworks/  
VideoToolbox.framework/Versions/A/VideoToolbox  
0x7fff56bb4000 - 0x7fff56c59feb com.apple.APFS (1.0 - 1)  
<2D22485D-552D-3CB6-9FE1-38547597918F> /System/Library/  
PrivateFrameworks/APFS.framework/Versions/A/APFS  
0x7fff5766d000 - 0x7fff5766eff7 com.apple.AggregateDictionary (1.0 - 1)  
<A6AF8AC4-1F25-37C4-9157-A02E9C200926> /System/Library/  
PrivateFrameworks/AggregateDictionary.framework/Versions/A/AggregateDictionary  
0x7fff57a2c000 - 0x7fff57b6ffff com.apple.AnnotationKit (1.0 - 232.3.30)  
<A35C5450-FBA1-3E76-9F27-4ED0179AE6A6> /System/Library/  
PrivateFrameworks/AnnotationKit.framework/Versions/A/AnnotationKit  
0x7fff57c6f000 - 0x7fff57c9bff7 com.apple.framework.Apple80211 (13.0 -  
1380.2) <16F093EF-370B-3B90-8DB4-E94624431D15> /System/Library/  
PrivateFrameworks/Apple80211.framework/Versions/A/Apple80211  
0x7fff57dc3000 - 0x7fff57dd2fc7 com.apple.AppleFSCompression (96.200.3 -  
1.0) <3CF60CE8-976E-3CB8-959D-DD0948C1C2DE> /System/Library/  
PrivateFrameworks/AppleFSCompression.framework/Versions/A/  
AppleFSCompression  
0x7fff57ece000 - 0x7fff57ed9fff com.apple.AppleIDAuthSupport (1.0 - 1)  
<2E9D1398-DBE6-328B-ADDA-20FA5FAD7405> /System/Library/  
PrivateFrameworks/AppleIDAuthSupport.framework/Versions/A/AppleIDAuthSupport  
0x7fff57f1a000 - 0x7fff57f63ff3 com.apple.AppleJPEG (1.0 - 1)  
<4C1F426B-7D77-3980-9633-7DBD8C666B9A> /System/Library/  
PrivateFrameworks/AppleJPEG.framework/Versions/A/AppleJPEG  
0x7fff581b7000 - 0x7fff581d9fff com.apple.applesauce (1.0 - ???)  
<F49107C7-3C51-3024-8EF1-C57643BE4F3B> /System/Library/  
PrivateFrameworks/AppleSauce.framework/Versions/A/AppleSauce  
0x7fff58299000 - 0x7fff5829cff7 com.apple.AppleSystemInfo (3.1.5 - 3.1.5)  
<A48BC6D4-224C-3A25-846B-4D06C53568AE> /System/Library/  
PrivateFrameworks/AppleSystemInfo.framework/Versions/A/AppleSystemInfo  
0x7fff5829d000 - 0x7fff582edff7 com.apple.AppleVAFramework (5.1.4 - 5.1.4)  
<3399D678-8741-3B70-B8D0-7C63C8ACF7DF> /System/Library/  
PrivateFrameworks/AppleVA.framework/Versions/A/AppleVA  
0x7fff58338000 - 0x7fff5834cffb com.apple.AssertionServices (1.0 - 1)  
<456E507A-4561-3628-9FBE-173ACE7429D8> /System/Library/  
PrivateFrameworks/AssertionServices.framework/Versions/A/AssertionServices  
0x7fff5871b000 - 0x7fff58807ff7 com.apple.AuthKit (1.0 - 1)  
<2765ABE9-54F2-3E45-8A93-1261E251B90D> /System/Library/  
PrivateFrameworks/AuthKit.framework/Versions/A/AuthKit  
0x7fff589c9000 - 0x7fff589d1fff  
com.apple.coreservices.BackgroundTaskManagement (1.0 - 57.1)  
<2A396FC0-7B79-3088-9A82-FB93C1181A57> /System/Library/

PrivateFrameworks/BackgroundTaskManagement.framework/Versions/A/  
BackgroundTaskManagement  
0x7fff589d2000 - 0x7fff58a67fff com.apple.backup.framework (1.10.5 - ???)  
<4EEC51E2-AE4C-340A-B686-901810152C12> /System/Library/  
PrivateFrameworks/Backup.framework/Versions/A/Backup  
0x7fff58a68000 - 0x7fff58ad5ff3 com.apple.BaseBoard (360.28 - 360.28)  
<68FA8044-F3CD-3BC6-9DAB-27DACF52BFC0> /System/Library/  
PrivateFrameworks/BaseBoard.framework/Versions/A/BaseBoard  
0x7fff58ade000 - 0x7fff58ae4ffb com.apple.BezelServicesFW (317.5 - 317.5)  
<25807B30-117A-33D9-93E6-48E8AE90BD63> /System/Library/  
PrivateFrameworks/BezelServices.framework/Versions/A/BezelServices  
0x7fff58b5b000 - 0x7fff58b97ff3 com.apple.bom (14.0 - 197.6) <A99A6F9A-  
AFDE-3BC6-95CE-AA90B268B805> /System/Library/PrivateFrameworks/  
Bom.framework/Versions/A/Bom  
0x7fff59933000 - 0x7fff59982ff7 com.apple.ChunkingLibrary (201 - 201)  
<DFE16C42-24E6-386F-AC50-0058F61980A2> /System/Library/  
PrivateFrameworks/ChunkingLibrary.framework/Versions/A/ChunkingLibrary  
0x7fff5a740000 - 0x7fff5a749ffb com.apple.CommonAuth (4.0 - 2.0)  
<93335CB6-ABEB-3EC7-A040-8A667F40D5F3> /System/Library/  
PrivateFrameworks/CommonAuth.framework/Versions/A/CommonAuth  
0x7fff5a75d000 - 0x7fff5a772ffb com.apple.commonutilities (8.0 - 900)  
<080E168B-21B7-3CCA-AB84-BB9911D18DAC> /System/Library/  
PrivateFrameworks/CommonUtilities.framework/Versions/A/CommonUtilities  
0x7fff5abe2000 - 0x7fff5afc5fef com.apple.CoreAUC (274.0.0 - 274.0.0)  
<C71F1581-E73B-3DA0-958B-E912C3FB3F23> /System/Library/  
PrivateFrameworks/CoreAUC.framework/Versions/A/CoreAUC  
0x7fff5afc6000 - 0x7fff5aff4ff7 com.apple.CoreAVCHD (6.0.0 - 6000.4.1)  
<A04A99B8-DAC5-36FC-BAC7-7431600C1F89> /System/Library/  
PrivateFrameworks/CoreAVCHD.framework/Versions/A/CoreAVCHD  
0x7fff5b08a000 - 0x7fff5b0e8ffb com.apple.corebrightness (1.0 - 1)  
<553EF5EE-7EA3-3D67-8275-65B9F93F8FAB> /System/Library/  
PrivateFrameworks/CoreBrightness.framework/Versions/A/CoreBrightness  
0x7fff5b422000 - 0x7fff5b433ff7 com.apple.CoreEmoji (1.0 - 69.19.9)  
<228457B3-E191-356E-9A5B-3C0438D05FBA> /System/Library/  
PrivateFrameworks/CoreEmoji.framework/Versions/A/CoreEmoji  
0x7fff5b5dc000 - 0x7fff5b6cbfff com.apple.CoreHandwriting (161 - 1.2)  
<7CBB18C3-FE95-3352-9D67-B441E89AD10F> /System/Library/  
PrivateFrameworks/CoreHandwriting.framework/Versions/A/CoreHandwriting  
0x7fff5b89d000 - 0x7fff5b8b3ffb com.apple.CoreMediaAuthoring (2.2 - 959)  
<86089759-E920-37DB-A3BB-F5621C351E4A> /System/Library/  
PrivateFrameworks/CoreMediaAuthoring.framework/Versions/A/CoreMediaAuthoring  
0x7fff5b9dd000 - 0x7fff5ba43ff7 com.apple.CoreNLP (1.0 - 130.15.22)  
<27877820-17D0-3B02-8557-4014E876CCC7> /System/Library/PrivateFrameworks/  
CoreNLP.framework/Versions/A/CoreNLP  
0x7fff5bbaf000 - 0x7fff5bc3bfff com.apple.CorePDF (4.0 - 414)  
<E4ECDD15-34C0-30C2-AFA9-27C8EDAC3DB0> /System/Library/  
PrivateFrameworks/CorePDF.framework/Versions/A/CorePDF  
0x7fff5bcf0000 - 0x7fff5bcf8ff7 com.apple.CorePhoneNumbers (1.0 - 1)  
<11F97C7E-C183-305F-8E6C-9B374F50E26B> /System/Library/  
PrivateFrameworks/CorePhoneNumbers.framework/Versions/A/CorePhoneNumbers

0x7fff5be74000 - 0x7fff5bea5ff3 com.apple.CoreServicesInternal (358 - 358)  
<DD6EF60D-048F-3186-83DA-EB191EDF48AE> /System/Library/  
PrivateFrameworks/CoreServicesInternal.framework/Versions/A/  
CoreServicesInternal  
0x7fff5c26c000 - 0x7fff5c2f0fff com.apple.CoreSymbolication (10.2 -  
64490.25.1) <28B2FF2D-3FDE-3A20-B343-341E5BD4E22F> /System/Library/  
PrivateFrameworks/CoreSymbolication.framework/Versions/A/CoreSymbolication  
0x7fff5c380000 - 0x7fff5c4abff7 com.apple.coreui (2.1 - 499.10) <A80F4B09-  
F940-346F-A9DF-4EFADD9220A8> /System/Library/PrivateFrameworks/  
CoreUI.framework/Versions/A/CoreUI  
0x7fff5c4ac000 - 0x7fff5c64cff com.apple.CoreUtils (5.9 - 590.16)  
<66CC50F7-766D-33E2-A388-4DE22840ADFB> /System/Library/  
PrivateFrameworks/CoreUtils.framework/Versions/A/CoreUtils  
0x7fff5c6a0000 - 0x7fff5c703ff7 com.apple.framework.CoreWiFi (13.0 - 1375.2)  
<CA4B835A-27AC-3FAB-9F44-E48548EA2442> /System/Library/  
PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi  
0x7fff5c704000 - 0x7fff5c715ff7 com.apple.CrashReporterSupport (10.13 -  
938.26) <E93D84A6-891D-38EE-BB4F-E9CD681189B7> /System/Library/  
PrivateFrameworks/CrashReporterSupport.framework/Versions/A/  
CrashReporterSupport  
0x7fff5c7a5000 - 0x7fff5c7b4fff com.apple.framework.DFRFoundation (1.0 -  
211.1) <E3F02F2A-2059-39CC-85DA-969676EB88EB> /System/Library/  
PrivateFrameworks/DFRFoundation.framework/Versions/A/DFRFoundation  
0x7fff5c7b5000 - 0x7fff5c7b9ff7 com.apple.DSEExternalDisplay (3.1 - 380)  
<787B9748-B120-3453-B8FE-61D9E363A9E0> /System/Library/  
PrivateFrameworks/DSEExternalDisplay.framework/Versions/A/DSEExternalDisplay  
0x7fff5c83a000 - 0x7fff5c8aaffb com.apple.datadetectorscore (7.0 - 590.27)  
<06FB1A07-7AE6-3ADD-8E7E-41955FAB38E8> /System/Library/  
PrivateFrameworks/DataDetectorsCore.framework/Versions/A/DataDetectorsCore  
0x7fff5c8fb000 - 0x7fff5c938ff7 com.apple.DebugSymbols (190 - 190)  
<6F4FAACA-E06B-38AD-A0C2-14EA5408A231> /System/Library/  
PrivateFrameworks/DebugSymbols.framework/Versions/A/DebugSymbols  
0x7fff5c939000 - 0x7fff5ca74ff7 com.apple.desktopservices (1.13.5 - ???)  
<265C0E94-B8BF-3F58-8D68-EA001EEA0B15> /System/Library/  
PrivateFrameworks/DesktopServicesPriv.framework/Versions/A/DesktopServicesPriv  
0x7fff5cc80000 - 0x7fff5cd46fff com.apple.DiskManagement (12.1 -  
1555.270.2) <EB207683-FBD6-3B74-A606-3FE22234372C> /System/Library/  
PrivateFrameworks/DiskManagement.framework/Versions/A/DiskManagement  
0x7fff5cd47000 - 0x7fff5cd4bffb com.apple.DisplayServicesFW (3.1 - 380)  
<62041594-2A4C-3362-87EE-F8E8C8E5BEEC> /System/Library/  
PrivateFrameworks/DisplayServices.framework/Versions/A/DisplayServices  
0x7fff5cdf4000 - 0x7fff5cdf7ff3 com.apple.EFILogin (2.0 - 2) <210948F9-  
FD39-392D-8349-34985B3C751C> /System/Library/PrivateFrameworks/  
EFILogin.framework/Versions/A/EFILogin  
0x7fff5d52d000 - 0x7fff5d80fff7 com.apple.vision.EspressoFramework (1.0 -  
120) <8B56D943-F87B-3A01-B7A4-19DE3312B61C> /System/Library/  
PrivateFrameworks/Espresso.framework/Versions/A/Espresso  
0x7fff5d9bb000 - 0x7fff5ddd6fff com.apple.vision.FaceCore (3.3.4 - 3.3.4)  
<A576E2DA-BF6F-3B18-8FEB-324E5C5FA9BD> /System/Library/  
PrivateFrameworks/FaceCore.framework/Versions/A/FaceCore

0x7fff62d2b000 - 0x7fff62d30fff com.apple.GPUWrangler (3.50.12 - 3.50.12)  
<6C820ED9-F306-3978-B5B8-432AD97BBDAF> /System/Library/  
PrivateFrameworks/GPUWrangler.framework/Versions/A/GPUWrangler  
0x7fff630be000 - 0x7fff630e2ff3 com.apple.GenerationalStorage (2.0 -  
285.101) <84C2E52C-F2C6-3FF8-87E5-3C88A40D3881> /System/Library/  
PrivateFrameworks/GenerationalStorage.framework/Versions/A/  
GenerationalStorage  
0x7fff63b3c000 - 0x7fff63b4bfff com.apple.GraphVisualizer (1.0 - 5)  
<48D020B7-5938-3FAE-B468-E291AEE2C06F> /System/Library/  
PrivateFrameworks/GraphVisualizer.framework/Versions/A/GraphVisualizer  
0x7fff63cb1000 - 0x7fff63d25ffb com.apple.Heimdall (4.0 - 2.0) <D97FCF19-  
EAD6-3E2F-BE88-F817E45CAE96> /System/Library/PrivateFrameworks/  
Heimdall.framework/Versions/A/Heimdall  
0x7fff65029000 - 0x7fff65030ffb com.apple.IOAccelerator (404.14 - 404.14)  
<11A50171-C8AE-3BBC-9FB9-2A3313FFBD31> /System/Library/  
PrivateFrameworks/IOAccelerator.framework/Versions/A/IOAccelerator  
0x7fff65034000 - 0x7fff6504cfff com.apple.IOPresentment (1.0 - 42.6)  
<6DFD9A6E-BF95-3A27-89E7-ACAA9E30D90A> /System/Library/  
PrivateFrameworks/IOPresentment.framework/Versions/A/IOPresentment  
0x7fff653f4000 - 0x7fff65421ff7 com.apple.IconServices (379 - 379)  
<7BAD562D-4FA3-3E11-863C-1EEBE2406D2C> /System/Library/  
PrivateFrameworks/IconServices.framework/Versions/A/IconServices  
0x7fff6554b000 - 0x7fff6554ffff com.apple.InternationalSupport (1.0 - 10.15.6)  
<6226A905-D055-321D-B665-5B0CC4798A74> /System/Library/  
PrivateFrameworks/InternationalSupport.framework/Versions/A/InternationalSupport  
0x7fff656b4000 - 0x7fff656c6fff  
com.apple.security.KeychainCircle.KeychainCircle (1.0 - 1) <30CFE05C-4108-3879-  
AFAA-5BB02CBE190B> /System/Library/PrivateFrameworks/  
KeychainCircle.framework/Versions/A/KeychainCircle  
0x7fff656e1000 - 0x7fff657bcff7 com.apple.LanguageModeling (1.0 -  
159.15.15) <3DE3CE61-542B-37B7-883E-4B9717CAC65F> /System/Library/  
PrivateFrameworks/LanguageModeling.framework/Versions/A/LanguageModeling  
0x7fff657bd000 - 0x7fff657f9ff7 com.apple.Lexicon-framework (1.0 - 33.15.10)  
<4B5E843E-2809-3E70-9560-9254E2656419> /System/Library/PrivateFrameworks/  
Lexicon.framework/Versions/A/Lexicon  
0x7fff65800000 - 0x7fff65805fff com.apple.LinguisticData (1.0 - 238.25)  
<F529B961-098C-3E4C-A3E9-9DA9BFA1B3F0> /System/Library/  
PrivateFrameworks/LinguisticData.framework/Versions/A/LinguisticData  
0x7fff66023000 - 0x7fff66026fff com.apple.Mangrove (1.0 - 25)  
<537A5B2E-4C30-3CFD-8BDC-79F9A04AC327> /System/Library/  
PrivateFrameworks/Mangrove.framework/Versions/A/Mangrove  
0x7fff660ad000 - 0x7fff660d3ff3 com.apple.MarkupUI (1.0 - 232.3.30)  
<C6A452D8-CA97-3044-A025-8ED4B7264FE2> /System/Library/  
PrivateFrameworks/MarkupUI.framework/Versions/A/MarkupUI  
0x7fff6613b000 - 0x7fff6616eff7 com.apple.MediaKit (16 - 907)  
<5EE0E7DA-5ACC-33F3-9BF0-47A448C011A1> /System/Library/  
PrivateFrameworks/MediaKit.framework/Versions/A/MediaKit  
0x7fff6616f000 - 0x7fff66492fff com.apple.MediaRemote (1.0 - 1)  
<8AF135B0-781C-3B85-B44A-C0CFAC3EADE0> /System/Library/  
PrivateFrameworks/MediaRemote.framework/Versions/A/MediaRemote

0x7fff66493000 - 0x7fff664b6fff com.apple.MediaServices (1.0 - 1) <82718A05-BD2D-37C2-A689-F09542CA988F> /System/Library/PrivateFrameworks/MediaServices.framework/Versions/A/MediaServices

0x7fff664fa000 - 0x7fff66522ff7 com.apple.spotlight.metadata.utilities (1.0 - 1191.57) <38BB1FB7-3336-384C-B71F-4D0D402EB606> /System/Library/PrivateFrameworks/MetadataUtilities.framework/Versions/A/MetadataUtilities

0x7fff66523000 - 0x7fff665b0ff7 com.apple.gpusw.MetalTools (1.0 - 1) <CBE2176A-8048-3A9C-AFE4-13973D44C704> /System/Library/PrivateFrameworks/MetalTools.framework/Versions/A/MetalTools

0x7fff6675b000 - 0x7fff66776ffb com.apple.MobileKeyBag (2.0 - 1.0) <C7C5DD21-66DE-31D1-92D9-BBEEAAE156FB> /System/Library/PrivateFrameworks/MobileKeyBag.framework/Versions/A/MobileKeyBag

0x7fff66789000 - 0x7fff667fefff com.apple.Montreal (1.0 - 42.15.9) <17BFD046-4362-3A76-A496-648D00FF3743> /System/Library/PrivateFrameworks/Montreal.framework/Versions/A/Montreal

0x7fff667ff000 - 0x7fff66829ffb com.apple.MultitouchSupport.framework (2450.1 - 2450.1) <42A23EC9-64A7-31C7-BF33-DF4412ED8A3F> /System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport

0x7fff66a65000 - 0x7fff66a6ffff com.apple.NetAuth (6.2 - 6.2) <0D01BBE5-0269-310D-B148-D19DAE143DEB> /System/Library/PrivateFrameworks/NetAuth.framework/Versions/A/NetAuth

0x7fff66b45000 - 0x7fff66b5fff7 com.apple.network.statistics.framework (1.2 - 1) <B056D329-5C7C-3FB4-991E-7092DB2F9A5B> /System/Library/PrivateFrameworks/NetworkStatistics.framework/Versions/A/NetworkStatistics

0x7fff672d0000 - 0x7fff67321ff3 com.apple.OTSVG (1.0 - ???) <5BF1A9EB-2694-3267-9514-A4EB3BEF4081> /System/Library/PrivateFrameworks/OTSVG.framework/Versions/A/OTSVG

0x7fff683c5000 - 0x7fff684b8fff com.apple.PencilKit (1.0 - 1) <79225726-6980-3680-AC0B-D8C5C5DB2224> /System/Library/PrivateFrameworks/PencilKit.framework/Versions/A/PencilKit

0x7fff684b9000 - 0x7fff684c8ff7 com.apple.PerformanceAnalysis (1.218.2 - 218.2) <65F3DB3E-6D4E-33A0-B510-EF768D323DAB> /System/Library/PrivateFrameworks/PerformanceAnalysis.framework/Versions/A/PerformanceAnalysis

0x7fff684c9000 - 0x7fff684f2ff3 com.apple.persistentconnection (1.0 - 1.0) <9ECE64D9-8C5F-3FCE-8A46-29D7B3966920> /System/Library/PrivateFrameworks/PersistentConnection.framework/Versions/A/PersistentConnection

0x7fff6a305000 - 0x7fff6a359ffb com.apple.ProtectedCloudStorage (1.0 - 1) <53B3C1F3-BB97-379F-8CBA-8FDCDF085793> /System/Library/PrivateFrameworks/ProtectedCloudStorage.framework/Versions/A/ProtectedCloudStorage

0x7fff6a35a000 - 0x7fff6a378ff7 com.apple.ProtocolBuffer (1 - 263.2) <907D6C95-D050-31DE-99CA-16A5135BC6F9> /System/Library/PrivateFrameworks/ProtocolBuffer.framework/Versions/A/ProtocolBuffer

0x7fff6a4f6000 - 0x7fff6a4f9ff3 com.apple.QuickLookNonBaseSystem (1.0 - 1) <69D0DD00-A3D2-3835-91F0-F33BD9D7D740> /System/Library/PrivateFrameworks/QuickLookNonBaseSystem.framework/Versions/A/QuickLookNonBaseSystem

0x7fff6a4fa000 - 0x7fff6a50fff3 com.apple.QuickLookThumbnailing (1.0 - 1)

<B5E746AE-1DCB-3299-8626-10CCBC2D5EE> /System/Library/  
PrivateFrameworks/QuickLookThumbnailing.framework/Versions/A/  
QuickLookThumbnailing  
0x7fff6a510000 - 0x7fff6a560fff com.apple.ROCKit (27.6 - 27.6) <756C2253-  
E8B1-3C48-9945-DE8D6AD24DE2> /System/Library/PrivateFrameworks/  
ROCKit.framework/Versions/A/ROCKit  
0x7fff6a69c000 - 0x7fff6a6a7fff com.apple.xpc.RemoteServiceDiscovery (1.0 -  
1336.261.2) <651F994E-21E1-359B-8FEA-6909CE9AAD56> /System/Library/  
PrivateFrameworks/RemoteServiceDiscovery.framework/Versions/A/  
RemoteServiceDiscovery  
0x7fff6a6ba000 - 0x7fff6a6dcfff com.apple.RemoteViewServices (2.0 - 128)  
<8FB0E4EB-DCBB-32E6-94C6-AA9BA9EE4CAC> /System/Library/  
PrivateFrameworks/RemoteViewServices.framework/Versions/A/  
RemoteViewServices  
0x7fff6a6dd000 - 0x7fff6a6f0ff3 com.apple.xpc.RemoteXPC (1.0 - 1336.261.2)  
<E7B66B18-F5DF-3819-BA47-E35122BA09E8> /System/Library/  
PrivateFrameworks/RemoteXPC.framework/Versions/A/RemoteXPC  
0x7fff6bee6000 - 0x7fff6c004fff com.apple.Sharing (1288.62 - 1288.62)  
<48B1F247-7910-3C16-814C-B99DE231F7F0> /System/Library/  
PrivateFrameworks/Sharing.framework/Versions/A/Sharing  
0x7fff6ce18000 - 0x7fff6d0c7fff com.apple.SkyLight (1.600.0 - 340.54)  
<90EB1C2E-B264-3EC4-AF7F-CDE7E7585746> /System/Library/  
PrivateFrameworks/SkyLight.framework/Versions/A/SkyLight  
0x7fff6d86a000 - 0x7fff6d876fff com.apple.SpeechRecognitionCore (5.0.21 -  
5.0.21) <7A6A67DB-C813-328E-AAFB-D267A5B50B3D> /System/Library/  
PrivateFrameworks/SpeechRecognitionCore.framework/Versions/A/  
SpeechRecognitionCore  
0x7fff6dfc7000 - 0x7fff6e052fc7 com.apple.Symbolication (10.2 - 64490.38.1)  
<9FDCC98D-5B32-35AD-A9BF-94DF2B78507F> /System/Library/  
PrivateFrameworks/Symbolication.framework/Versions/A/Symbolication  
0x7fff6e529000 - 0x7fff6e535fff com.apple.private.SystemPolicy (1.0 - 1)  
<9CDA85A3-875C-3615-8818-2DC73E9FFE8B> /System/Library/  
PrivateFrameworks/SystemPolicy.framework/Versions/A/SystemPolicy  
0x7fff6e53a000 - 0x7fff6e546ffb com.apple.TCC (1.0 - 1)  
<73CF6FA9-44CE-30C9-887F-235940976585> /System/Library/PrivateFrameworks/  
TCC.framework/Versions/A/TCC  
0x7fff6e7ac000 - 0x7fff6e874ff3 com.apple.TextureIO (3.8.4 - 3.8.1)  
<7CEAC05A-D283-3D5A-B1E3-C849285FA0BF> /System/Library/  
PrivateFrameworks/TextureIO.framework/Versions/A/TextureIO  
0x7fff6e931000 - 0x7fff6eae8ffb com.apple.UIFoundation (1.0 - 551.2)  
<917480B5-14BE-30E0-ABE6-9702336CC35A> /System/Library/  
PrivateFrameworks/UIFoundation.framework/Versions/A/UIFoundation  
0x7fff6f764000 - 0x7fff6f83dfff com.apple.ViewBridge (401.1 - 401.1)  
<18144EC1-5DEF-369C-8EBA-2826E7142784> /System/Library/  
PrivateFrameworks/ViewBridge.framework/Versions/A/ViewBridge  
0x7fff70015000 - 0x7fff70018fff com.apple.dt.XCTTargetBootstrap (1.0 -  
14490.66) <7AE3457F-AF40-3508-93FB-1D9E31EB1C9D> /System/Library/  
PrivateFrameworks/XCTTargetBootstrap.framework/Versions/A/XCTTargetBootstrap  
0x7fff704d5000 - 0x7fff704d7ffb com.apple.loginsupport (1.0 - 1) <3F8D6334-  
BCD6-36C1-BA20-CC8503A84375> /System/Library/PrivateFrameworks/



login.framework/Versions/A/Frameworks/loginsupport.framework/Versions/A/  
loginsupport  
0x7fff707a1000 - 0x7fff707d5fff libCRFSuite.dylib (41.15.4)  
<406DAC06-0C77-3F90-878B-4D38F11F0256> /usr/lib/libCRFSuite.dylib  
0x7fff707d8000 - 0x7fff707e2ff7 libChineseTokenizer.dylib (28.15.3)  
<9B7F6109-3A5D-3641-9A7E-31D2239D73EE> /usr/lib/libChineseTokenizer.dylib  
0x7fff707e3000 - 0x7fff7086cfff libCoreStorage.dylib (546.50.1)  
<8E643B27-7986-3351-B37E-038FB6794BF9> /usr/lib/libCoreStorage.dylib  
0x7fff70870000 - 0x7fff70871ffb libDiagnosticMessagesClient.dylib (107)  
<A14D0819-0970-34CD-8680-80E4D7FE8C2C> /usr/lib/  
libDiagnosticMessagesClient.dylib  
0x7fff708a8000 - 0x7fff70affff3 libFosl\_dynamic.dylib (18.3.4)  
<1B5DD4E2-8AE0-315E-829E-D5BFCD264EA8> /usr/lib/libFosl\_dynamic.dylib  
0x7fff70b1f000 - 0x7fff70b26fff libMatch.1.dylib (31.200.1) <EF8164CB-  
B599-39D9-9E73-4958A372DC0B> /usr/lib/libMatch.1.dylib  
0x7fff70b50000 - 0x7fff70b6ffff libMobileGestalt.dylib (645.270.1)  
<99A06C8A-97D6-383D-862C-F453BABB48A4> /usr/lib/libMobileGestalt.dylib  
0x7fff70b70000 - 0x7fff70b70fff libOpenScriptingUtil.dylib (179.1) <4D603146-  
EDA5-3A74-9FF8-4F75D8BB9BC6> /usr/lib/libOpenScriptingUtil.dylib  
0x7fff70cb0000 - 0x7fff70cb1ffb libSystem.B.dylib (1252.250.1) <E6C586CE-  
EEFA-3B4B-9316-AC4322AF0E75> /usr/lib/libSystem.B.dylib  
0x7fff70d2d000 - 0x7fff70d2efff libThaiTokenizer.dylib (2.15.1)  
<ADB37DC3-7D9B-3E73-A72A-BCC3433C937A> /usr/lib/libThaiTokenizer.dylib  
0x7fff70d40000 - 0x7fff70d56ffb libapple\_nghttp2.dylib (1.24.1)  
<6F04250A-6686-3FDC-9A8D-290C64B06502> /usr/lib/libapple\_nghttp2.dylib  
0x7fff70d57000 - 0x7fff70d80ffb libarchive.2.dylib (54.250.1)  
<47289946-8504-3966-9127-6CE39993DC2C> /usr/lib/libarchive.2.dylib  
0x7fff70d81000 - 0x7fff70e80fef libate.dylib (1.13.8)  
<461F7EA4-05E2-3091-8905-473A63A75300> /usr/lib/libate.dylib  
0x7fff70e84000 - 0x7fff70e84ff3 libauto.dylib (187)  
<3E3780E1-96F3-3A22-91C5-92F9A5805518> /usr/lib/libauto.dylib  
0x7fff70f54000 - 0x7fff70f64ffb libbsm.0.dylib (39.200.18)  
<CF381E0B-025B-364F-A83D-2527E03F1AA3> /usr/lib/libbsm.0.dylib  
0x7fff70f65000 - 0x7fff70f72fff libbz2.1.0.dylib (38.200.3)  
<272953A1-8D36-329B-BDDDB-E887B347710F> /usr/lib/libbz2.1.0.dylib  
0x7fff70f73000 - 0x7fff70fc6ff7 libc++.1.dylib (400.9.4) <9A60A190-6C34-339F-  
BB3D-AACE942009A4> /usr/lib/libc++.1.dylib  
0x7fff70fc7000 - 0x7fff70fdcff7 libc++abi.dylib (400.17)  
<38C09CED-9090-3719-90F3-04A2749F5428> /usr/lib/libc++abi.dylib  
0x7fff70fdd000 - 0x7fff70fddff3 libcharset.1.dylib (51.200.6)  
<2A27E064-314C-359C-93FC-8A9B06206174> /usr/lib/libcharset.1.dylib  
0x7fff70fde000 - 0x7fff70feffb libcmph.dylib (6.15.1) <9C52B2FE-179F-32AC-  
B87E-2AFC49ABF817> /usr/lib/libcmph.dylib  
0x7fff70fef000 - 0x7fff71007ffb libcompression.dylib (52.250.2)  
<C7BE9843-9B19-33E0-A4A0-D48D0A999E86> /usr/lib/libcompression.dylib  
0x7fff7127c000 - 0x7fff71292fff libcoretls.dylib (155.220.1)  
<4C64BE3E-41E3-3020-8BB7-07E90C0C861C> /usr/lib/libcoretls.dylib  
0x7fff71293000 - 0x7fff71294ff3 libcoretls\_cfhelpers.dylib (155.220.1)  
<0959B3E9-6643-3589-8BB3-21D52CDF0EF1> /usr/lib/libcoretls\_cfhelpers.dylib  
0x7fff7172d000 - 0x7fff71738ff7 libcsfde.dylib (546.50.1)

<7BAF8FCF-33A1-3C7C-8FEB-2020C8ED6063> /usr/lib/libcsfde.dylib  
0x7fff71740000 - 0x7fff71796ff3 libcups.2.dylib (462.12)  
<095619DC-9233-3937-9E50-5F10D917A40D> /usr/lib/libcups.2.dylib  
0x7fff718ca000 - 0x7fff718caff libenergytrace.dylib (17.200.1) <80BB567A-  
FD18-3497-BF97-353F57D98CDD> /usr/lib/libenergytrace.dylib  
0x7fff718cb000 - 0x7fff718e4ffb libexpat.1.dylib (16.1.1)  
<28A385F1-4210-32D2-861B-C1B2189A5294> /usr/lib/libexpat.1.dylib  
0x7fff718fc000 - 0x7fff71901ff7 libgermantok.dylib (17.15.2) <E5F0F794-  
FF27-3D64-AE52-C78C6A84DD67> /usr/lib/libgermantok.dylib  
0x7fff71902000 - 0x7fff71907ff7 libheimdal-asn1.dylib (520.270.1)  
<73F60D6F-76F8-35EF-9C86-9A81225EE4BE> /usr/lib/libheimdal-asn1.dylib  
0x7fff71932000 - 0x7fff71a22fff libiconv.2.dylib (51.200.6)  
<2047C9B7-3F74-3A95-810D-2ED8F0475A99> /usr/lib/libiconv.2.dylib  
0x7fff71a23000 - 0x7fff71c84ffb libicucore.A.dylib (62141.0.1)  
<A0D63918-76E9-3C1B-B255-46F4C1DA7FE8> /usr/lib/libicucore.A.dylib  
0x7fff71cd1000 - 0x7fff71cd2fff liblangid.dylib (128.15.1)  
<22D05C4F-769B-3075-ABCF-44A0EBACE028> /usr/lib/liblangid.dylib  
0x7fff71cd3000 - 0x7fff71cebff3 liblzma.5.dylib (10.200.3)  
<E1F4FD60-1CE4-37B9-AD95-29D348AF1AC0> /usr/lib/liblzma.5.dylib  
0x7fff71d03000 - 0x7fff71da7ff7 libmecab.1.0.0.dylib (779.24.1)  
<A8D0379B-85FA-3B3D-89ED-5CF2C3826AB2> /usr/lib/libmecab.1.0.0.dylib  
0x7fff71da8000 - 0x7fff71facfff libmecabra.dylib (779.24.1)  
<D71F71E0-30E2-3DB3-B636-7DE13D51FB4B> /usr/lib/libmecabra.dylib  
0x7fff72184000 - 0x7fff724d5ff7 libnetwork.dylib (1229.250.15) <72C7E9E3-  
B2BE-3300-BE1B-64606222022C> /usr/lib/libnetwork.dylib  
0x7fff72567000 - 0x7fff72ceffd7 libobjc.A.dylib (756.2) <20942D4E-  
CE6F-376A-8BCD-016F88E4BFD5> /usr/lib/libobjc.A.dylib  
0x7fff72d01000 - 0x7fff72d05ffb libpam.2.dylib (22.200.1)  
<586CF87F-349C-393D-AEED-FB75F94A5EB7> /usr/lib/libpam.2.dylib  
0x7fff72d08000 - 0x7fff72d3dfff libpcap.A.dylib (79.250.1)  
<C0893641-7DFF-3A33-BDAE-190FF54837E8> /usr/lib/libpcap.A.dylib  
0x7fff72d93000 - 0x7fff72d96fff libpmenergy.dylib (194.267.1)  
<533A839F-37DC-3564-87A8-8CDE6243F15E> /usr/lib/libpmenergy.dylib  
0x7fff72d97000 - 0x7fff72d99fff libpmsample.dylib (194.267.1) <8B691606-  
BC20-3DDE-940B-C3937DD72CFE> /usr/lib/libpmsample.dylib  
0x7fff72e56000 - 0x7fff72e6effb libresolv.9.dylib (65.200.2) <893142A5-  
F153-3437-A22D-407EE542B5C5> /usr/lib/libresolv.9.dylib  
0x7fff72e70000 - 0x7fff72eabff3 libsandbox.1.dylib (851.270.1)  
<04B924EF-2385-34DF-807E-93AAD9EF3AAB> /usr/lib/libsandbox.1.dylib  
0x7fff72ebf000 - 0x7fff72ec0ff7 libspindump.dylib (267.3)  
<A584E403-8C95-3841-9C16-E22664A5A63F> /usr/lib/libspindump.dylib  
0x7fff72ec1000 - 0x7fff73092ffb libsqlite3.dylib (274.26)  
<E28DB56E-90D1-3A05-B79A-DC2FFCE8D117> /usr/lib/libsqlite3.dylib  
0x7fff732ab000 - 0x7fff732aef7 libutil.dylib (51.200.4)  
<CE9B18C9-66ED-32D4-9D29-01F8FCB467B0> /usr/lib/libutil.dylib  
0x7fff732af000 - 0x7fff732bcfff libxar.1.dylib (417.1) <39CCF46B-  
C81A-34B1-92A1-58C4E5DA846E> /usr/lib/libxar.1.dylib  
0x7fff732c1000 - 0x7fff733a3ff3 libxml2.2.dylib (32.10)  
<AA4E1B1F-0FDE-3274-9FA5-75446298D1AC> /usr/lib/libxml2.2.dylib  
0x7fff733a4000 - 0x7fff733ccff3 libxslt.1.dylib (16.5) <E330D3A2-

E32B-378A-973E-A8D245C0F712> /usr/lib/libxslt.1.dylib  
0x7fff733cd000 - 0x7fff733dfff7 libz.1.dylib (70.200.4) <B048FC1F-058F-3A08-A1FE-81D5308CB3E6> /usr/lib/libz.1.dylib  
0x7fff73bc3000 - 0x7fff73bc7ff3 libcache.dylib (81) <1987D1E1-DB11-3291-B12A-EBD55848E02D> /usr/lib/system/libcache.dylib  
0x7fff73bc8000 - 0x7fff73bd2ff3 libcommonCrypto.dylib (60118.250.2)  
<1765BB6E-6784-3653-B16B-CB839721DC9A> /usr/lib/system/  
libcommonCrypto.dylib  
0x7fff73bd3000 - 0x7fff73bdaff7 libcompiler\_rt.dylib (63.4) <5212BA7B-B7EA-37B4-AF6E-AC4F507EDFB8> /usr/lib/system/libcompiler\_rt.dylib  
0x7fff73bdb000 - 0x7fff73be4ff7 libcopyfile.dylib (146.250.1)  
<98CD00CD-9B91-3B5C-A9DB-842638050FA8> /usr/lib/system/libcopyfile.dylib  
0x7fff73be5000 - 0x7fff73c69fc3 libcorecrypto.dylib (602.260.2)  
<01464D24-570C-3B83-9D18-467769E0FCDD> /usr/lib/system/libcorecrypto.dylib  
0x7fff73cf0000 - 0x7fff73d29ff7 libdispatch.dylib (1008.270.1) <97273678-E94C-3C8C-89F6-2E2020F4B43B> /usr/lib/system/libdispatch.dylib  
0x7fff73d2a000 - 0x7fff73d56ff7 libdyld.dylib (655.1.1) <002418CC-AD11-3D10-865B-015591D24E6C> /usr/lib/system/libdyld.dylib  
0x7fff73d57000 - 0x7fff73d57ffb libkeymgr.dylib (30)  
<0D0F9CA2-8D5A-3273-8723-59987B5827F2> /usr/lib/system/libkeymgr.dylib  
0x7fff73d58000 - 0x7fff73d64ff3 libkxld.dylib (4903.270.47) <E9E37910-D3C3-3433-B071-674EFF6C0B9A> /usr/lib/system/libkxld.dylib  
0x7fff73d65000 - 0x7fff73d65ff7 liblaunch.dylib (1336.261.2) <2B07E27E-D404-3E98-9D28-BCA641E5C479> /usr/lib/system/liblaunch.dylib  
0x7fff73d66000 - 0x7fff73d6bfff libmacho.dylib (927.0.3)  
<A377D608-77AB-3F6E-90F0-B4F251A5C12F> /usr/lib/system/libmacho.dylib  
0x7fff73d6c000 - 0x7fff73d6effb libquarantine.dylib (86.220.1)  
<6D0BC770-7348-3608-9254-F7FFBD347634> /usr/lib/system/libquarantine.dylib  
0x7fff73d6f000 - 0x7fff73d70ff7 libremovefile.dylib (45.200.2) <9FBEB2FF-EEBE-31BC-BCFC-C71F8D0E99B6> /usr/lib/system/libremovefile.dylib  
0x7fff73d71000 - 0x7fff73d88ff3 libsystem\_asl.dylib (356.200.4)  
<A62A7249-38B8-33FA-9875-F1852590796C> /usr/lib/system/libsystem\_asl.dylib  
0x7fff73d89000 - 0x7fff73d89ff7 libsystem\_blocks.dylib (73)  
<A453E8EE-860D-3CED-B5DC-BE54E9DB4348> /usr/lib/system/  
libsystem\_blocks.dylib  
0x7fff73d8a000 - 0x7fff73e11fff libsystem\_c.dylib (1272.250.1)  
<7EDACF78-2FA3-35B8-B051-D70475A35117> /usr/lib/system/libsystem\_c.dylib  
0x7fff73e12000 - 0x7fff73e15ffb libsystem\_configuration.dylib (963.270.3)  
<2B4A836D-68A4-33E6-8D48-CD4486B03387> /usr/lib/system/  
libsystem\_configuration.dylib  
0x7fff73e16000 - 0x7fff73e19ff7 libsystem\_coreservices.dylib (66)  
<719F75A4-74C5-3BA6-A09E-0C5A3E5889D7> /usr/lib/system/  
libsystem\_coreservices.dylib  
0x7fff73e1a000 - 0x7fff73e20fff libsystem\_darwin.dylib (1272.250.1)  
<EC9B39A5-9592-3577-8997-7DC721D20D8C> /usr/lib/system/  
libsystem\_darwin.dylib  
0x7fff73e21000 - 0x7fff73e27ff7 libsystem\_dnssd.dylib (878.270.2)  
<E9A5ACCF-E35F-3909-AF0A-2A37CD217276> /usr/lib/system/  
libsystem\_dnssd.dylib  
0x7fff73e28000 - 0x7fff73e73ffb libsystem\_info.dylib (517.200.9)

<D09D5AE0-2FDC-3A6D-93EC-729F931B1457> /usr/lib/system/libsystem\_info.dylib  
0x7fff73e74000 - 0x7fff73e9cff7 libsystem\_kernel.dylib (4903.270.47)  
<4195838C-EFEF-3CC9-B459-75032AF7EA1A> /usr/lib/system/  
libsystem\_kernel.dylib  
0x7fff73e9d000 - 0x7fff73ee8ff7 libsystem\_m.dylib (3158.200.7)  
<F19B6DB7-014F-3820-831F-389CCDA06EF6> /usr/lib/system/libsystem\_m.dylib  
0x7fff73ee9000 - 0x7fff73f13fff libsystem\_malloc.dylib (166.270.1)  
<011F3AD0-8E6A-3A89-AE64-6E5F6840F30A> /usr/lib/system/  
libsystem\_malloc.dylib  
0x7fff73f14000 - 0x7fff73f1eff7 libsystem\_networkextension.dylib (767.250.2)  
<FF06F13A-AEFE-3A27-A073-910EF78AEA36> /usr/lib/system/  
libsystem\_networkextension.dylib  
0x7fff73f1f000 - 0x7fff73f26fff libsystem\_notify.dylib (172.200.21) <145B5CFC-  
CF73-33CE-BD3D-E8DDE268FFDE> /usr/lib/system/libsystem\_notify.dylib  
0x7fff73f27000 - 0x7fff73f30fef libsystem\_platform.dylib (177.270.1)  
<9D1FE5E4-EB7D-3B3F-A8D1-A96D9CF1348C> /usr/lib/system/  
libsystem\_platform.dylib  
0x7fff73f31000 - 0x7fff73f3bff7 libsystem\_pthread.dylib (330.250.2)  
<2D5C08FF-484F-3D59-9132-CE1DCB3F76D7> /usr/lib/system/  
libsystem\_pthread.dylib  
0x7fff73f3c000 - 0x7fff73f3fff7 libsystem\_sandbox.dylib (851.270.1)  
<9494594B-5199-3186-82AB-5FF8BED6EE16> /usr/lib/system/  
libsystem\_sandbox.dylib  
0x7fff73f40000 - 0x7fff73f42ff3 libsystem\_secinit.dylib (30.260.2)  
<EF1EA47B-7B22-35E8-BD9B-F7003DCB96AE> /usr/lib/system/  
libsystem\_secinit.dylib  
0x7fff73f43000 - 0x7fff73f4aff3 libsystem\_symptoms.dylib (820.267.1)  
<03F1C2DD-0F5A-3D9D-88F6-B26C0F94EB52> /usr/lib/system/  
libsystem\_symptoms.dylib  
0x7fff73f4b000 - 0x7fff73f60fff libsystem\_trace.dylib (906.260.1)  
<FC761C3B-5434-3A52-912D-F1B15FAA8EB2> /usr/lib/system/  
libsystem\_trace.dylib  
0x7fff73f62000 - 0x7fff73f67ffb libunwind.dylib (35.4) <24A97A67-F017-3CFC-  
B0D0-6BD0224B1336> /usr/lib/system/libunwind.dylib  
0x7fff73f68000 - 0x7fff73f97fff libxpc.dylib (1336.261.2)  
<7DEE2300-6D8E-3C00-9C63-E3E80D56B0C4> /usr/lib/system/libxpc.dylib

#### External Modification Summary:

Calls made by other processes targeting this process:

task\_for\_pid: 0  
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: 1322  
thread\_create: 0  
thread\_set\_state: 0

VM Region Summary:

ReadOnly portion of Libraries: Total=544.0M resident=0K(0%)

swapped\_out\_or\_unallocated=544.0M(100%)

Writable regions: Total=774.9M written=0K(0%) resident=0K(0%)

swapped\_out=0K(0%) unallocated=774.9M(100%)

REGION TYPE	VIRTUAL REGION		SIZE	COUNT (non-coalesced)	
=====	=====	=====			
Activity Tracing	256K	1			
CoreServices	28K	1			
CoreUI image file	388K	4			
Kernel Alloc Once	8K	1			
MALLOC	204.4M	18			
MALLOC guard page	16K	4			
MALLOC_NANO (reserved) (unallocated)	384.0M	1			reserved VM address space
Mach message	4K	1			
Memory Tag 255	156.8M	138			
PROTECTED_MEMORY		4K		1	
STACK GUARD	56.1M	25			
Stack	154.2M	25			
VM_ALLOCATE	172K	3			
__DATA	39.0M	310			
__FONT_DATA	4K	1			
__LINKEDIT	225.3M	8			
__TEXT	318.7M	308			
__UNICODE	564K	1			
mapped file	78.3M	15			
shared memory	632K	9			
=====	=====	=====			
TOTAL	1.6G	875			
TOTAL, minus reserved VM space	1.2G	875			

Model: Macmini6,2, BootROM 280.0.0.0.0, 4 processors, Intel Core i7, 2.3 GHz, 16 GB, SMC 2.8f1

Graphics: kHW\_IntelHD4000Item, Intel HD Graphics 4000, spdisplays\_builtin

Memory Module: BANK 0/DIMM0, 8 GB, DDR3, 1600 MHz, 0x04CD, 0x46412D313630304331312D38475351000000

Memory Module: BANK 1/DIMM0, 8 GB, DDR3, 1600 MHz, 0x04CD, 0x46412D313630304331312D38475351000000

AirPort: spairport\_wireless\_card\_type\_airport\_extreme (0x14E4, 0x10E), Broadcom BCM43xx 1.0 (7.21.190.33 AirPortDriverBrcm4360-1325.2)

Bluetooth: Version 6.0.14d3, 3 services, 27 devices, 1 incoming serial ports

Network Service: Ethernet, Ethernet, en0

PCI Card: pci1b21,612, AHCI Controller, Thunderbolt@195,0,0

Serial ATA Device: SanDisk SDSSDX240GG25, 240.06 GB

Serial ATA Device: Samsung SSD 850 PRO 1TB, 1.02 TB

USB Device: USB 2.0 Bus

USB Device: Hub  
USB Device: USB 2.0 Bus  
USB Device: Hub  
USB Device: Hub  
USB Device: IR Receiver  
USB Device: BCM20702 Hub  
USB Device: Bluetooth USB Host Controller  
USB Device: USB 3.0 Bus  
Thunderbolt Bus: Mac mini, Apple Inc., 23.4  
Thunderbolt Device: Rugged THB USB3, LaCie, 1, 7.3