

Process: DLight [1044]  
Path: /Applications/DLight.app/Contents/MacOS/DLight  
Identifier: com.LightingStudioDevice.DLight  
Version: 4.5.09  
Code Type: X86-64 (Native)  
Parent Process: ??? [1]  
Responsible: DLight [1044]  
User ID: 501

Date/Time: 2024-11-22 19:50:40.220 +0100  
OS Version: macOS 11.7.10 (20G1427)  
Report Version: 12  
Anonymous UUID: 0B3DB2D4-14B6-16EA-C539-B5CACC481335

Sleep/Wake UUID: 9C5E3103-8E82-47AC-B9A5-43ED82923A22

Time Awake Since Boot: 7100 seconds  
Time Since Wake: 660 seconds

System Integrity Protection: enabled

Crashed Thread: 18 thpool-4

Exception Type: EXC\_ARITHMETIC (SIGFPE)  
Exception Codes: EXC\_I386\_DIV (divide by zero)  
Exception Note: EXC\_CORPSE\_NOTIFY

Termination Signal: Floating point exception: 8  
Termination Reason: Namespace SIGNAL, Code 0x8  
Terminating Process: exc handler [1044]

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

0 libsystem\_malloc.dylib 0x00007fff203ced24 nanov2\_allocate\_from\_block + 24  
1 libsystem\_malloc.dylib 0x00007fff203ce500 nanov2\_allocate + 130  
2 libsystem\_malloc.dylib 0x00007fff203d054d nanov2\_calloc + 123  
3 libsystem\_malloc.dylib 0x00007fff203e8ff4 \_malloc\_zone\_calloc + 59  
4 com.apple.CoreFoundation 0x00007fff20622e12 \_CFRuntimeCreateInstance + 294  
5 com.apple.CoreFoundation 0x00007fff2062251c \_\_CFStringCreateImmutableFunnel3 +  
1900  
6 com.apple.CoreFoundation 0x00007fff20631c75 CFStringCreateWithCharactersNoCopy  
+ 45  
7 Tk 0x0000000010ac0346c 0x10aaf5000 + 1107052

Thread 1:

0 libsystem\_pthread.dylib 0x00007fff205a3420 start\_wqthread + 0

Thread 2:

0 libsystem\_pthread.dylib 0x00007fff205a3420 start\_wqthread + 0

Thread 3:

0 libsystem\_pthread.dylib 0x00007fff205a3420 start\_wqthread + 0

Thread 4:

0 libsystem\_pthread.dylib 0x00007fff205a3420 start\_wqthread + 0

Thread 5:

0 libsystem\_kernel.dylib 0x00007fff2057a636 \_\_select + 10  
1 Tcl 0x0000000010aa795c1 0x10a8f2000 + 1603009

Thread 6:: com.apple.NSEventThread

```
0 libsystem_kernel.dylib 0x00007fff2057229a mach_msg_trap + 10
1 libsystem_kernel.dylib 0x00007fff2057260c mach_msg + 60
2 com.apple.CoreFoundation 0x00007fff2069febf __CFRunLoopServiceMachPort + 316
3 com.apple.CoreFoundation 0x00007fff2069e59f __CFRunLoopRun + 1328
4 com.apple.CoreFoundation 0x00007fff2069d9ac CFRunLoopRunSpecific + 563
5 com.apple.AppKit 0x00007fff2302db7a _NSEventThread + 124
6 libsystem_pthread.dylib 0x00007fff205a78fc _pthread_start + 224
7 libsystem_pthread.dylib 0x00007fff205a3443 thread_start + 15
```

Thread 7:

```
0 libsystem_kernel.dylib 0x00007fff20574cbe __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x00007fff205a7e49 _pthread_cond_wait + 1298
2 com.LightingStudioDevice.DLight0x000000010a422fac Thread_AutoSeqRecorder + 172
3 libsystem_pthread.dylib 0x00007fff205a3443 thread_start + 15
```

Thread 8:

```
0 libsystem_kernel.dylib 0x00007fff20574cbe __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x00007fff205a7e49 _pthread_cond_wait + 1298
2 com.LightingStudioDevice.DLight0x000000010a512557 Thread_DMXSend + 71
3 libsystem_pthread.dylib 0x00007fff205a3443 thread_start + 15
```

Thread 9:

```
0 libsystem_kernel.dylib 0x00007fff20574cbe __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x00007fff205a7e49 _pthread_cond_wait + 1298
2 libTurboActivate.dylib 0x000000010b24c252 0x10b23a000 + 74322
3 libTurboActivate.dylib 0x000000010b24b7db 0x10b23a000 + 71643
4 libTurboActivate.dylib 0x000000010b24b5fe 0x10b23a000 + 71166
5 libTurboActivate.dylib 0x000000010b24a20e 0x10b23a000 + 66062
6 libTurboActivate.dylib 0x000000010b2c11cf 0x10b23a000 + 553423
7 libsystem_pthread.dylib 0x00007fff205a78fc _pthread_start + 224
8 libsystem_pthread.dylib 0x00007fff205a3443 thread_start + 15
```

Thread 10:

```
0 libsystem_kernel.dylib 0x00007fff2057229a mach_msg_trap + 10
1 libsystem_kernel.dylib 0x00007fff2057260c mach_msg + 60
2 com.apple.audio.midi.CoreMIDI 0x00007fff34ff2ba6 XServerMachPort::ReceiveMessage(int&,
void*, int&) + 94
3 com.apple.audio.midi.CoreMIDI 0x00007fff35023453 MIDIProcess::MIDIInPortThread::Run() +
111
4 com.apple.audio.midi.CoreMIDI 0x00007fff350094a2 XThread::RunHelper(void*) + 10
5 com.apple.audio.midi.CoreMIDI 0x00007fff3500a61b CAPThread::Entry(CAPThread*) + 77
6 libsystem_pthread.dylib 0x00007fff205a78fc _pthread_start + 224
7 libsystem_pthread.dylib 0x00007fff205a3443 thread_start + 15
```

Thread 11:: AMCP Logging Spool

```
0 libsystem_kernel.dylib 0x00007fff205722d6 semaphore_wait_trap + 10
1 com.apple.audio.caulk 0x00007fff286678da caulk::mach::semaphore::wait_or_error()
+ 16
2 com.apple.audio.caulk 0x00007fff28654836 caulk::semaphore::timed_wait(double) +
110
3 com.apple.audio.caulk 0x00007fff28654784
caulk::concurrent::details::worker_thread::run() + 30
4 com.apple.audio.caulk 0x00007fff28654502 void*
caulk::thread_proxy<std::__1::tuple<caulk::thread::attributes, void
(caulk::concurrent::details::worker_thread::*)>(),
std::__1::tuple<caulk::concurrent::details::worker_thread*> >>(void*) + 45
5 libsystem_pthread.dylib 0x00007fff205a78fc _pthread_start + 224
6 libsystem_pthread.dylib 0x00007fff205a3443 thread_start + 15
```

Thread 12:

0 libsystem\_pthread.dylib 0x00007fff205a3420 start\_wqthread + 0

Thread 13:

0 libsystem\_kernel.dylib 0x00007fff20576c2a kevent + 10  
1 libuv.1.0.0.dylib 0x000000010b21c2e6 uv\_\_io\_poll + 902  
2 libuv.1.0.0.dylib 0x000000010b20ac52 uv\_run + 370  
3 com.LightingStudioDevice.DLight0x000000010a7604e1 reader\_start + 593

Thread 14:: thpool-0

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 com.LightingStudioDevice.DLight0x000000010a3e6cdb thread\_do + 267

Thread 15:: thpool-1

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 com.LightingStudioDevice.DLight0x000000010a3e6cdb thread\_do + 267

Thread 16:: thpool-2

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 com.LightingStudioDevice.DLight0x000000010a3e6cdb thread\_do + 267

Thread 17:: thpool-3

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 com.LightingStudioDevice.DLight0x000000010a3e6cdb thread\_do + 267

Thread 18 Crashed:: thpool-4

0 com.LightingStudioDevice.DLight0x000000010a7938c8 pureDumpOutputPatch2ThisPath + 1064

Thread 19:: thpool-5

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 com.LightingStudioDevice.DLight0x000000010a3e6cdb thread\_do + 267

Thread 20:: thpool-6

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 com.LightingStudioDevice.DLight0x000000010a3e6cdb thread\_do + 267

Thread 21:: thpool-7

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 com.LightingStudioDevice.DLight0x000000010a3e6cdb thread\_do + 267

Thread 22:: thpool-0

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 com.LightingStudioDevice.DLight0x000000010a3e6cdb thread\_do + 267

Thread 23:: thpool-1

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 com.LightingStudioDevice.DLight0x000000010a3e6cdb thread\_do + 267

Thread 24:: thpool-2

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298

2 com.LightingStudioDevice.DLight0x000000010a3e6cdb thread\_do + 267

Thread 25:

0 libsystem\_kernel.dylib 0x00007fff205744aa \_\_psynch\_mutexwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a52ab \_pthread\_mutex\_firstfit\_lock\_wait + 76  
2 libsystem\_pthread.dylib 0x00007fff205a3192 \_pthread\_mutex\_firstfit\_lock\_slow + 204  
3 com.LightingStudioDevice.DLight0x000000010a5205db process\_timer + 30875

Thread 26:

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 libuv.1.0.0.dylib 0x000000010b218ff3 uv\_cond\_wait + 35  
3 libuv.1.0.0.dylib 0x000000010b2063f6 worker + 390  
4 libsystem\_pthread.dylib 0x00007fff205a78fc \_pthread\_start + 224  
5 libsystem\_pthread.dylib 0x00007fff205a3443 thread\_start + 15

Thread 27:

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 libuv.1.0.0.dylib 0x000000010b218ff3 uv\_cond\_wait + 35  
3 libuv.1.0.0.dylib 0x000000010b2063f6 worker + 390  
4 libsystem\_pthread.dylib 0x00007fff205a78fc \_pthread\_start + 224  
5 libsystem\_pthread.dylib 0x00007fff205a3443 thread\_start + 15

Thread 28:

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 libuv.1.0.0.dylib 0x000000010b218ff3 uv\_cond\_wait + 35  
3 libuv.1.0.0.dylib 0x000000010b2063f6 worker + 390  
4 libsystem\_pthread.dylib 0x00007fff205a78fc \_pthread\_start + 224  
5 libsystem\_pthread.dylib 0x00007fff205a3443 thread\_start + 15

Thread 29:

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 libuv.1.0.0.dylib 0x000000010b218ff3 uv\_cond\_wait + 35  
3 libuv.1.0.0.dylib 0x000000010b2063f6 worker + 390  
4 libsystem\_pthread.dylib 0x00007fff205a78fc \_pthread\_start + 224  
5 libsystem\_pthread.dylib 0x00007fff205a3443 thread\_start + 15

Thread 30:: org.libusb.device-hotplug

0 libsystem\_kernel.dylib 0x00007fff2057229a mach\_msg\_trap + 10  
1 libsystem\_kernel.dylib 0x00007fff2057260c mach\_msg + 60  
2 com.apple.CoreFoundation 0x00007fff2069febf \_\_CFRunLoopServiceMachPort + 316  
3 com.apple.CoreFoundation 0x00007fff2069e59f \_\_CFRunLoopRun + 1328  
4 com.apple.CoreFoundation 0x00007fff2069d9ac CFRunLoopRunSpecific + 563  
5 com.apple.CoreFoundation 0x00007fff207242b2 CFRunLoopRun + 40  
6 libusb-1.0.0.dylib 0x000000010b1e2371 darwin\_event\_thread\_main + 337  
7 libsystem\_pthread.dylib 0x00007fff205a78fc \_pthread\_start + 224  
8 libsystem\_pthread.dylib 0x00007fff205a3443 thread\_start + 15

Thread 31:

0 libsystem\_kernel.dylib 0x00007fff20574cbe \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff205a7e49 \_pthread\_cond\_wait + 1298  
2 com.apple.Foundation 0x00007fff2141f18e -[NSObject(NSThreadPerformAdditions)  
performSelector:onThread:withObject:waitUntilDone:modes:] + 807  
3 com.apple.Foundation 0x00007fff214abd91 -[NSObject(NSThreadPerformAdditions)  
performSelectorOnMainThread:withObject:waitUntilDone:modes:] + 87  
4 Tk 0x000000010ac0c66b 0x10aaf5000 + 1144427

Thread 32:

0 libsystem\_pthread.dylib 0x00007fff205a3420 start\_wqthread + 0

Thread 18 crashed with X86 Thread State (64-bit):

rax: 0x0000000000000001 rbx: 0x00007ff14c85a0c8 rcx: 0x0000000000000000 rdx:  
0x0000000000000000  
rdi: 0x0000700005037a98 rsi: 0x000000010a85488a rbp: 0x0000000000000001 rsp:  
0x0000700005037940  
r8: 0x0000000000000002 r9: 0x0000000000000000 r10: 0x0000000000000000 r11:  
0x00006ffefa7e320e  
r12: 0x0000700005037a80 r13: 0x000000010a85488a r14: 0x0000000000000002 r15:  
0x00007ff152cbe040  
rip: 0x000000010a7938c8 rfi: 0x0000000000010246 cr2: 0x000000010af530cd

Logical CPU: 2

Error Code: 0x00000000

Trap Number: 0

Thread 18 instruction stream:

```
0f 86 b2 00 00 00 49 8b-4f 18 48 8b 1c e9 4c 89 .....l.O.H...L.  
ee 48 85 db 0f 84 9e 00-00 00 8b 4b 04 4c 89 ee .H.....K.L..  
49 39 ce 0f 85 8f 00 00-00 48 83 f8 01 75 18 83 i9.....H...u..  
7b 08 00 75 12 4c 89 e7-4c 89 ee 48 c7 c2 ff ff {...u.L..L..H...  
ff ff e8 25 46 05 00 48-8b 44 24 20 48 8b 48 40 ...%F..H.D$ H.H@  
48 83 c1 ff 48 89 ea 48-39 cd 72 06 89 e8 31 d2 H...H..H9.r...1.  
[f7]f1 83 fa 01 74 0b 48-83 f9 01 75 5a 83 fd 01 .....t.H...uZ... <==  
75 55 44 8b 0b be 10 00-00 00 b9 10 00 00 00 48 uUD.....H  
8d 9c 24 20 02 00 00 48-89 df 31 d2 4c 8d 05 ac ..$ ...H..1.L..  
0b 0c 00 31 c0 e8 7c 47-05 00 4c 89 e7 48 89 de ...1..|G..L..H..  
48 c7 c2 ff ff ff e8-c0 45 05 00 48 8d 35 bc H.....E..H.5.  
0a 0c 00 0f 1f 44 00 00-4c 89 e7 48 c7 c2 ff ff .....D..L..H....
```

Thread 18 last branch register state not available.

Binary Images:

```
0x10a3da000 - 0x10a85dfff +com.LightingStudioDevice.DLight (4.5.09)  
<DD0E19CF-9E67-3372-8BFA-2CD1F08F4656> /Applications/DLight.app/Contents/MacOS/  
DLight  
0x10a8f2000 - 0x10aabdbfff +Tcl (9.0.1 - 9.0.1) <15372613-  
AD6E-3A27-975B-48FC8049F27E> /Applications/DLight.app/Contents/Frameworks/  
Tcl.framework/Versions/9.0/Tcl  
0x10aaf5000 - 0x10ac64fff +Tk (9.0.1 - 9.0.1) <539666C7-D928-3759-  
AC48-862F37507316> /Applications/DLight.app/Contents/Frameworks/Tk.framework/Versions/  
9.0/Tk  
0x10acc1000 - 0x10add0fff +libzstd.1.5.6.dylib (0) <AD87AC95-AADA-370B-96F6-  
A6A7E9649BBF> /Applications/DLight.app/Contents/Frameworks/libzstd.1.5.6.dylib  
0x10adf3000 - 0x10ae26fff +liblz4.1.10.0.dylib (0)  
<489F1C16-8ED9-35F4-91A7-51D46F4BBF87> /Applications/DLight.app/Contents/Frameworks/  
liblz4.1.10.0.dylib  
0x10ae3e000 - 0x10af3dfff +libxml2.2.13.5.dylib (0) <069AFFAA-  
B618-351A-8EE5-31E0862D3DC7> /Applications/DLight.app/Contents/Frameworks/  
libxml2.2.13.5.dylib  
0x10af7f000 - 0x10af8afff +libserialport.0.dylib (0)  
<D5F75D3F-9634-356F-9C48-7D2D9DF58C71> /Applications/DLight.app/Contents/Frameworks/  
libserialport.0.dylib  
0x10af9c000 - 0x10b043fff +libarchive.13.7.7.dylib (0) <C45735DA-1FB7-382C-A2E6-  
A95B6B7625E1> /Applications/DLight.app/Contents/Frameworks/libarchive.13.7.7.dylib  
0x10b06d000 - 0x10b0a8fff +libnettle.8.9.dylib (0) <6924C4D9-393A-3630-  
B0A0-2B130AFCE0A7> /Applications/DLight.app/Contents/Frameworks/libnettle.8.9.dylib
```

0x10b0e4000 - 0x10b0effff +liblo.7.5.0.dylib (0)  
<75EF8D01-9D99-3525-82BF-4FBAD506D73B> /Applications/DLight.app/Contents/Frameworks/  
liblo.7.5.0.dylib  
0x10b108000 - 0x10b1affff +libhpdf.2.4.4.dylib (0) <0011480E-AF0E-3197-B283-  
B4FED7A5409D> /Applications/DLight.app/Contents/Frameworks/libhpdf.2.4.4.dylib  
0x10b1d5000 - 0x10b1e8fff +libusb-1.0.0.dylib (0) <91802AA8-F595-3361-A2D6-  
F8256B783B83> /Applications/DLight.app/Contents/Frameworks/libusb-1.0.0.dylib  
0x10b201000 - 0x10b220fff +libuv.1.0.0.dylib (0) <D55D415B-  
B681-3087-8939-9C736CFE3156> /Applications/DLight.app/Contents/Frameworks/  
libuv.1.0.0.dylib  
0x10b23a000 - 0x10b305fff +libTurboActivate.dylib (0) <BE9D0830-8B58-3E1F-  
AB00-11ED9BF95BCA> /Applications/DLight.app/Contents/Frameworks/libTurboActivate.dylib  
0x10b32b000 - 0x10b40afff +libiconv.2.dylib (0) <146212BB-1018-3F98-  
B4C3-3E232DAD398B> /Applications/DLight.app/Contents/Frameworks/libiconv.2.dylib  
0x10b427000 - 0x10b42afff +libcharset.1.dylib (0) <1E05809F-  
E801-3C66-964F-8A41EBA0E2D6> /Applications/DLight.app/Contents/Frameworks/  
libcharset.1.dylib  
0x10b43f000 - 0x10b472fff +libpng16.16.41.0.dylib (0) <5C9636E8-97E1-3F6F-  
B821-132FE3687355> /Applications/DLight.app/Contents/Frameworks/libpng16.16.41.0.dylib  
0x10b48d000 - 0x10b4a4fff +libz.1.3.1.dylib (0) <4C870035-A27B-36AC-AF5C-  
F554B270DDD2> /Applications/DLight.app/Contents/Frameworks/libz.1.3.1.dylib  
0x10d5fc000 - 0x10d603fff com.apple.iokit.IOUSBLib (900.4.2 - 900.4.2) <277BB9D7-  
C63F-3B30-BAD4-496FAE7B8D62> /System/Library/Extensions/IOUSBFamily.kext/Contents/  
PlugIns/IOUSBLib.bundle/Contents/MacOS/IOUSBLib  
0x10d862000 - 0x10d86dfff com.apple.iokit.IOUSBLib (900.4.2 - 900.4.2) <1A3C85C1-  
BA7C-37D8-AE22-EEAF38184990> /System/Library/Extensions/IOUSBHostFamily.kext/  
Contents/PlugIns/IOUSBLib.bundle/Contents/MacOS/IOUSBLib  
0x10db42000 - 0x10db51fff libobjc-trampolines.dylib (824.1) <F3712184-53A8-3943-  
B68D-EE545FE7C0CE> /usr/lib/libobjc-trampolines.dylib  
0x10e305000 - 0x10e3a0fff dyld (852.2) <BD607394-9008-33B9-B98B-A5886668E52C>  
/usr/lib/dyld  
0x11993e000 - 0x119945fff +libtcl9tkdnd2.9.4.dylib (0) <CB2BE081-550C-3F8C-  
AC8F-011C377B0EE9> /Applications/DLight.app/Contents/Resources/tcl\_packages/tkdnd2.9.4/  
libtcl9tkdnd2.9.4.dylib  
0x11b0da000 - 0x11b0e9fff +libtcl9thread3.0.1.dylib (0)  
<47D50DC9-6739-3141-80D5-93E46E1ABA6C> /Applications/DLight.app/Contents/Resources/  
tcl\_packages/thread3.0.1/libtcl9thread3.0.1.dylib  
0x11b10b000 - 0x11b112fff com.apple.audio.AppleHDAHALPlugIn (283.15 - 283.15)  
<5C9A97D6-9A6B-3F33-8C10-C663723B1AE5> /System/Library/Extensions/AppleHDA.kext/  
Contents/PlugIns/AppleHDAHALPlugIn.bundle/Contents/MacOS/AppleHDAHALPlugIn  
0x7fff202df000 - 0x7fff202e0fff libsystem\_blocks.dylib (79) <F5B25F38-FC21-3BF5-  
A147-3B913DA098BE> /usr/lib/system/libsystem\_blocks.dylib  
0x7fff202e1000 - 0x7fff20316fff libxpc.dylib (2038.120.1.701.2) <151C64CA-CA6F-3989-  
A558-796EB6ED0C11> /usr/lib/system/libxpc.dylib  
0x7fff20317000 - 0x7fff2032efff libsystem\_trace.dylib (1277.120.1) <1F20357C-395F-3095-  
B525-AD9403290A92> /usr/lib/system/libsystem\_trace.dylib  
0x7fff2032f000 - 0x7fff203ccfff libcorecrypto.dylib (1000.140.4) <BDD3FF5E-34F8-3AC0-  
A05C-F9AC17C88BBF> /usr/lib/system/libcorecrypto.dylib  
0x7fff203cd000 - 0x7fff203f9fff libsystem\_malloc.dylib (317.140.5) <3AB4C7E9-  
C49C-3EB7-9370-370F3F655024> /usr/lib/system/libsystem\_malloc.dylib  
0x7fff203fa000 - 0x7fff2043efff libdispatch.dylib (1271.120.2) <5D824C33-C5E2-38A8-  
BD00-D934443DBDAB> /usr/lib/system/libdispatch.dylib  
0x7fff2043f000 - 0x7fff20478fff libobjc.A.dylib (824.1) <A0961DED-3477-3856-A6BC-  
CFE2475CB2F4> /usr/lib/libobjc.A.dylib  
0x7fff20479000 - 0x7fff2047bfff libsystem\_featureflags.dylib (28.60.1) <2BAC8770-  
AFC8-3FE2-B6C6-27CE44B2B2BA> /usr/lib/system/libsystem\_featureflags.dylib  
0x7fff2047c000 - 0x7fff20504fff libsystem\_c.dylib (1439.141.1) <BC8BCEEA-  
CA52-32C7-9FF5-E444CF9EF66A> /usr/lib/system/libsystem\_c.dylib  
0x7fff20505000 - 0x7fff2055afff libc++.1.dylib (905.6)  
<5BA6B5ED-7842-3B13-86B0-00EB511CE2FE> /usr/lib/libc++.1.dylib

0x7fff2055b000 - 0x7fff20570fff libc++abi.dylib (905.6) <B96FC1DD-0056-3E11-862A-C0BB8239FEA0> /usr/lib/libc++abi.dylib  
0x7fff20571000 - 0x7fff205a0fff libsystem\_kernel.dylib (7195.141.49.702.12)  
<BA061E84-6D44-3037-832D-E86D783FA917> /usr/lib/system/libsystem\_kernel.dylib  
0x7fff205a1000 - 0x7fff205acfff libsystem\_pthread.dylib (454.120.2.700.1)  
<409239A7-2E4E-31C7-87EB-EE50B7981204> /usr/lib/system/libsystem\_pthread.dylib  
0x7fff205ad000 - 0x7fff205e8fff libdyld.dylib (852.2) <FD8DB5BC-F199-3524-9DC4-DAEC0E94712F> /usr/lib/system/libdyld.dylib  
0x7fff205e9000 - 0x7fff205f2fff libsystem\_platform.dylib (254.80.2)  
<52A77346-8AA5-3BB7-906D-C7503B491CF9> /usr/lib/system/libsystem\_platform.dylib  
0x7fff205f3000 - 0x7fff2061efff libsystem\_info.dylib (542.40.4) <406353B2-E48A-3D20-B08F-0AB26ED8A0B3> /usr/lib/system/libsystem\_info.dylib  
0x7fff2061f000 - 0x7fff20abcfff com.apple.CoreFoundation (6.9 - 1778.105)  
<B4B8042A-9415-3F26-91AC-735C968B0D95> /System/Library/Frameworks/  
CoreFoundation.framework/Versions/A/CoreFoundation  
0x7fff20abd000 - 0x7fff20cf4fff com.apple.LaunchServices (1122.45 - 1122.45)  
<42ED2E08-904B-3B62-B0B6-DACBE4988AAB> /System/Library/Frameworks/  
CoreServices.framework/Versions/A/Frameworks/LaunchServices.framework/Versions/A/  
LaunchServices  
0x7fff20cf5000 - 0x7fff20dc9fff com.apple.gpusw.MetalTools (1.0 - 1)  
<72285C8A-5F98-31A0-9CA1-30CF4387584B> /System/Library/PrivateFrameworks/  
MetalTools.framework/Versions/A/MetalTools  
0x7fff20dca000 - 0x7fff21026fff libBLAS.dylib (1336.140.1) <D4B16233-BAE7-3D63-  
BB59-5DCEC63345EB> /System/Library/Frameworks/Accelerate.framework/Versions/A/  
Frameworks/vecLib.framework/Versions/A/libBLAS.dylib  
0x7fff21027000 - 0x7fff21074fff com.apple.Lexicon-framework (1.0 - 86.2)  
<09EC8AE4-7FC7-3D2D-A6DD-C484B664B1D5> /System/Library/PrivateFrameworks/  
Lexicon.framework/Versions/A/Lexicon  
0x7fff21075000 - 0x7fff210e3fff libSparse.dylib (106) <0FD77742-  
B7DB-3296-9D0F-0DEF7EB4FF7D> /System/Library/Frameworks/Accelerate.framework/  
Versions/A/Frameworks/vecLib.framework/Versions/A/libSparse.dylib  
0x7fff210e4000 - 0x7fff21161fff com.apple.SystemConfiguration (1.20 - 1.20) <D59BEA1F-  
BD5D-383A-8977-64F5B72F16C4> /System/Library/Frameworks/  
SystemConfiguration.framework/Versions/A/SystemConfiguration  
0x7fff21162000 - 0x7fff21196fff libCRFSuite.dylib (50)  
<2DADF4F9-0BD3-33CF-9939-979E69F2453C> /usr/lib/libCRFSuite.dylib  
0x7fff21197000 - 0x7fff213cffff libmecabra.dylib (929.10) <58AA4922-  
A668-3165-802C-5FB4DF848E40> /usr/lib/libmecabra.dylib  
0x7fff213d0000 - 0x7fff2172efff com.apple.Foundation (6.9 - 1778.105) <4F4709DD-  
C198-3AA1-86A0-71D2F2FDD65D> /System/Library/Frameworks/Foundation.framework/  
Versions/C/Foundation  
0x7fff2172f000 - 0x7fff21817fff com.apple.LanguageModeling (1.0 - 247.3)  
<EAAF99AF-2D5F-3EC5-B7F7-41D7236A09F3> /System/Library/PrivateFrameworks/  
LanguageModeling.framework/Versions/A/LanguageModeling  
0x7fff21818000 - 0x7fff2194efff com.apple.CoreDisplay (237.4 - 237.4) <CDD47724-  
D213-3665-BD34-A51F374AE94F> /System/Library/Frameworks/CoreDisplay.framework/  
Versions/A/CoreDisplay  
0x7fff2194f000 - 0x7fff21bbffff com.apple.audio.AudioToolboxCore (1.0 - 1181.72.5)  
<541A108B-D52C-3F7B-B004-F31E16243BAF> /System/Library/PrivateFrameworks/  
AudioToolboxCore.framework/Versions/A/AudioToolboxCore  
0x7fff21bc0000 - 0x7fff21da5fff com.apple.CoreText (677.6.0.4 - 677.6.0.4)  
<1E81E372-02B3-3E9C-BB48-33DC80E49158> /System/Library/Frameworks/  
CoreText.framework/Versions/A/CoreText  
0x7fff21da6000 - 0x7fff22437fff com.apple.audio.CoreAudio (5.0 - 5.0) <A5ED9C97-  
E177-388F-AED8-D760C6963377> /System/Library/Frameworks/CoreAudio.framework/Versions/  
A/CoreAudio  
0x7fff22438000 - 0x7fff2278ffff com.apple.security (7.0 - 59754.141.1.702.3) <5A52B8E8-  
B1AF-3F29-AC97-5DBEE8C6A6AC> /System/Library/Frameworks/Security.framework/Versions/  
A/Security

0x7fff22790000 - 0x7fff229effff libicucore.A.dylib (66112.1) <9F2A881A-25DA-3386-9DCE-D2B67C2A4141> /usr/lib/libicucore.A.dylib  
0x7fff229f0000 - 0x7fff229f9fff libsystem\_darwin.dylib (1439.141.1)  
<75592BEC-777B-381F-8C07-15B8A4C712A7> /usr/lib/system/libsystem\_darwin.dylib  
0x7fff229fa000 - 0x7fff22ce5fff com.apple.CoreServices.CarbonCore (1307.3 - 1307.3)  
<76566083-9F9C-3055-812A-079693A69D32> /System/Library/Frameworks/  
CoreServices.framework/Versions/A/Frameworks/CarbonCore.framework/Versions/A/CarbonCore  
0x7fff22ce6000 - 0x7fff22d24fff com.apple.CoreServicesInternal (476.1.1 - 476.1.1)  
<66BDFBFC-32CC-3015-B7B7-A44800B7C864> /System/Library/PrivateFrameworks/  
CoreServicesInternal.framework/Versions/A/CoreServicesInternal  
0x7fff22d25000 - 0x7fff22d5ffff com.apple.CSSStore (1122.45 - 1122.45) <65919E05-  
BE7E-39AC-8768-B32E41E325C0> /System/Library/PrivateFrameworks/  
CoreServicesStore.framework/Versions/A/CoreServicesStore  
0x7fff22d60000 - 0x7fff22e0efff com.apple.framework.IOKit (2.0.2 - 1845.120.6)  
<A395F442-1253-3CA9-953F-7A235EEB7F67> /System/Library/Frameworks/IOKit.framework/  
Versions/A/IOKit  
0x7fff22e0f000 - 0x7fff22e1afff libsystem\_notify.dylib (279.40.4) <02E22D9D-01E2-361C-  
BB9A-B5BE18D28280> /usr/lib/system/libsystem\_notify.dylib  
0x7fff22e1b000 - 0x7fff22e68fff libsandbox.1.dylib (1441.141.13.701.2) <2ABD4C26-  
BAB5-3E5E-AC6A-57D8B8808707> /usr/lib/libsandbox.1.dylib  
0x7fff22e69000 - 0x7fff23bb4fff com.apple.AppKit (6.9 - 2022.70.111) <FA68A033-  
FD64-3F0B-8869-5C42CB9C6BE4> /System/Library/Frameworks/AppKit.framework/Versions/C/  
AppKit  
0x7fff23bb5000 - 0x7fff23e03fff com.apple.UIFoundation (1.0 - 729) <55B6D90D-  
A0ED-38D7-B858-1068A31C1C09> /System/Library/PrivateFrameworks/  
UIFoundation.framework/Versions/A/UIFoundation  
0x7fff23e04000 - 0x7fff23e16fff com.apple.UniformTypeIdentifiers (637 - 637) <CD0F9B05-  
DF9A-3961-AAF8-78A0A63C9BA9> /System/Library/Frameworks/  
UniformTypeIdentifiers.framework/Versions/A/UniformTypeIdentifiers  
0x7fff23e17000 - 0x7fff23fa1fff com.apple.desktopservices (1.21 - 1346.6.1)  
<CC3C6040-8A52-3BF9-8E70-92F71F6A3E45> /System/Library/PrivateFrameworks/  
DesktopServicesPriv.framework/Versions/A/DesktopServicesPriv  
0x7fff24281000 - 0x7fff24907fff libnetwork.dylib (2288.140.9) <2DE517EE-E318-366B-  
A7FA-AD5F62D007CB> /usr/lib/libnetwork.dylib  
0x7fff24908000 - 0x7fff24da5fff com.apple.CFNetwork (1240.0.4.5 - 1240.0.4.5)  
<83B8DEAA-82EE-36DD-ADF8-45E8A807BC21> /System/Library/Frameworks/  
CFNetwork.framework/Versions/A/CFNetwork  
0x7fff24da6000 - 0x7fff24db4fff libsystem\_networkextension.dylib (1295.140.4.701.1)  
<9C5A85AC-C593-34FD-8481-5CFC05DE3897> /usr/lib/system/  
libsystem\_networkextension.dylib  
0x7fff24db5000 - 0x7fff24db5fff libenergytrace.dylib (22.100.1) <EDE247D7-22AC-3339-  
AC3E-04A5BD13E3F2> /usr/lib/libenergytrace.dylib  
0x7fff24db6000 - 0x7fff24e12fff libMobileGestalt.dylib (978.140.1)  
<AC0BF1F3-5052-3FD8-808D-CBF55B3F7551> /usr/lib/libMobileGestalt.dylib  
0x7fff24e13000 - 0x7fff24e29fff libsystem\_asl.dylib (385.0.2) <88F4051D-1CF5-314E-  
A952-247C38996E16> /usr/lib/system/libsystem\_asl.dylib  
0x7fff24e2a000 - 0x7fff24e42fff com.apple.TCC (1.0 - 1) <898C8BE6-EBC0-3BEB-  
B898-2EF336802530> /System/Library/PrivateFrameworks/TCC.framework/Versions/A/TCC  
0x7fff24e43000 - 0x7fff251a8fff com.apple.SkyLight (1.600.0 - 588.11)  
<370EFABF-8439-32C8-9136-0CB058CEE1A1> /System/Library/PrivateFrameworks/  
SkyLight.framework/Versions/A/SkyLight  
0x7fff251a9000 - 0x7fff25832fff com.apple.CoreGraphics (2.0 - 1463.19.1)  
<C911B812-7401-3EAF-B365-A9B7B98B708A> /System/Library/Frameworks/  
CoreGraphics.framework/Versions/A/CoreGraphics  
0x7fff25833000 - 0x7fff2592afff com.apple.ColorSync (4.13.0 - 3473.8.1) <B66E5ABE-  
B72B-3607-8FB6-3CE54142829A> /System/Library/Frameworks/ColorSync.framework/Versions/  
A/ColorSync  
0x7fff2592b000 - 0x7fff25986fff com.apple.HIServices (1.22 - 716) <76A6ECCF-9098-3A1F-  
A80B-40408A9AA4A5> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/  
Frameworks/HIServices.framework/Versions/A/HIServices

0x7fff25d2d000 - 0x7fff2614cfff com.apple.CoreData (120 - 1048)  
<6D7D0B7E-7646-3F79-8108-0C1D11821749> /System/Library/Frameworks/  
CoreData.framework/Versions/A/CoreData  
0x7fff2614d000 - 0x7fff26162fff com.apple.ProtocolBuffer (1 - 285.24.10.20.1) <6EC4B8BC-  
C44A-3211-A0B5-A7298518231B> /System/Library/PrivateFrameworks/  
ProtocolBuffer.framework/Versions/A/ProtocolBuffer  
0x7fff26163000 - 0x7fff26317fff libsqlite3.dylib (321.4) <2CBF5CD2-BECF-331B-904C-  
A88A54C6F6ED> /usr/lib/libsqlite3.dylib  
0x7fff26318000 - 0x7fff26394fff com.apple.Accounts (113 - 113) <1021C0F9-F834-33DB-  
A66D-EE4391C58740> /System/Library/Frameworks/Accounts.framework/Versions/A/Accounts  
0x7fff26395000 - 0x7fff263acfff com.apple.commonutilities (8.0 - 900)  
<4D28711F-3425-31EB-A9D5-3FA489461EA3> /System/Library/PrivateFrameworks/  
CommonUtilities.framework/Versions/A/CommonUtilities  
0x7fff263ad000 - 0x7fff2642cfff com.apple.BaseBoard (526 - 526)  
<8ABD1C28-584C-33E7-8BE8-4EFC5EEF1575> /System/Library/PrivateFrameworks/  
BaseBoard.framework/Versions/A/BaseBoard  
0x7fff2642d000 - 0x7fff26475fff com.apple.RunningBoardServices (1.0 - 505.100.9)  
<BE0AEF0C-A31A-32F1-8157-9560A1A24633> /System/Library/PrivateFrameworks/  
RunningBoardServices.framework/Versions/A/RunningBoardServices  
0x7fff26476000 - 0x7fff264eafff com.apple.AE (918.6 - 918.6) <677BFC57-B830-3090-9470-  
A21CB2A77C76> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/  
AE.framework/Versions/A/AE  
0x7fff264eb000 - 0x7fff264f1fff libdns\_services.dylib (1310.140.1) <EABE9A6A-96DE-3A2E-  
B0E0-17F277A65757> /usr/lib/libdns\_services.dylib  
0x7fff264f2000 - 0x7fff264f9fff libsystem\_symptoms.dylib (1431.140.1)  
<E9CB193F-260B-3835-B76E-A2209343FA1E> /usr/lib/system/libsystem\_symptoms.dylib  
0x7fff264fa000 - 0x7fff26685fff com.apple.Network (1.0 - 1) <6A3C9CBC-DE8E-3D0A-  
BA52-316E70255DCD> /System/Library/Frameworks/Network.framework/Versions/A/Network  
0x7fff26686000 - 0x7fff266b5fff com.apple.analyticsd (1.0 - 1) <23CB7B45-967B-37B3-  
AF21-21B4885790CC> /System/Library/PrivateFrameworks/CoreAnalytics.framework/Versions/A/  
CoreAnalytics  
0x7fff266b6000 - 0x7fff266b8fff libDiagnosticMessagesClient.dylib (112)  
<8CE0D64A-597F-3048-80C3-590D866D067A> /usr/lib/libDiagnosticMessagesClient.dylib  
0x7fff266b9000 - 0x7fff26705fff com.apple.spotlight.metadata.utilities (1.0 - 2150.30)  
<9B61E5D5-27C3-3282-A650-A2D15FA76FF7> /System/Library/PrivateFrameworks/  
MetadataUtilities.framework/Versions/A/MetadataUtilities  
0x7fff26706000 - 0x7fff267a0fff com.apple.Metadata (10.7.0 - 2150.30)  
<FEBC2256-7D84-3F2E-A770-A8665F62E20A> /System/Library/Frameworks/  
CoreServices.framework/Versions/A/Frameworks/Metadata.framework/Versions/A/Metadata  
0x7fff267a1000 - 0x7fff267a7fff com.apple.DiskArbitration (2.7 - 2.7) <21325211-  
A5F7-3AB9-BDFE-6B6DC06E587E> /System/Library/Frameworks/DiskArbitration.framework/  
Versions/A/DiskArbitration  
0x7fff267a8000 - 0x7fff26e0ffff com.apple.vImage (8.1 - 544.6) <1DD123D7-  
ACC3-3FCB-838E-C91C6E4D31B8> /System/Library/Frameworks/Accelerate.framework/  
Versions/A/Frameworks/vImage.framework/Versions/A/vImage  
0x7fff26e10000 - 0x7fff270edfff com.apple.QuartzCore (1.11 - 927.24) <C2F144F0-  
B972-390B-B0DC-51B79F3B4DF2> /System/Library/Frameworks/QuartzCore.framework/  
Versions/A/QuartzCore  
0x7fff270ee000 - 0x7fff2712ffff libFontRegistry.dylib (309.0.0.2) <D13D1774-9FC2-3A3B-  
BFD0-8ABFAF9AE1E0> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/  
Frameworks/ATS.framework/Versions/A/Resources/libFontRegistry.dylib  
0x7fff27130000 - 0x7fff27270fff com.apple.coreui (2.1 - 692.1) <0E2AE064-  
FD25-31B4-97EC-BA0AC0C16169> /System/Library/PrivateFrameworks/CoreUI.framework/  
Versions/A/CoreUI  
0x7fff27271000 - 0x7fff2735cfff com.apple.ViewBridge (553.1 - 553.1)  
<AC1840D6-7482-385E-ABDF-5BE8DC38C612> /System/Library/PrivateFrameworks/  
ViewBridge.framework/Versions/A/ViewBridge  
0x7fff2735d000 - 0x7fff27368fff com.apple.PerformanceAnalysis (1.278.3 - 278.3)  
<24DDF51B-8405-30AF-9879-5172C325BF0C> /System/Library/PrivateFrameworks/  
PerformanceAnalysis.framework/Versions/A/PerformanceAnalysis

0x7fff27369000 - 0x7fff27378fff com.apple.OpenDirectory (11.7 - 230.40.1) <B7BB547E-B00F-37B3-A4A8-AF414F029E64> /System/Library/Frameworks/OpenDirectory.framework/Versions/A/OpenDirectory

0x7fff27379000 - 0x7fff27398fff com.apple.CFOpenDirectory (11.7 - 230.40.1) <E4682D99-DD7C-3C74-A0A1-E561B6E616C6> /System/Library/Frameworks/OpenDirectory.framework/Versions/A/Frameworks/CFOpenDirectory.framework/Versions/A/CFOpenDirectory

0x7fff27399000 - 0x7fff273a5fff com.apple.CoreServices.FSEvents (1290.120.6 - 1290.120.6) <78184C84-4633-3867-AACD-8F0256F40D5A> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/FSEvents.framework/Versions/A/FSEvents

0x7fff273a6000 - 0x7fff273cafff com.apple.coreservices.SharedFileList (144 - 144) <243CAB7D-EA1A-3322-9833-B4B24F63AB3E> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SharedFileList.framework/Versions/A/SharedFileList

0x7fff273cb000 - 0x7fff273cdfff libapp\_launch\_measurement.dylib (14.1) <2AE731D8-757E-3A23-8375-9D266B762CC3> /usr/lib/libapp\_launch\_measurement.dylib

0x7fff273ce000 - 0x7fff27415fff com.apple.CoreAutoLayout (1.0 - 21.10.1) <32846C89-8FED-3225-B370-34FB1DA82A85> /System/Library/PrivateFrameworks/CoreAutoLayout.framework/Versions/A/CoreAutoLayout

0x7fff27416000 - 0x7fff274f8fff libxml2.2.dylib (34.26) <29CE75F5-D4D3-35BD-9B89-3B8970980C55> /usr/lib/libxml2.2.dylib

0x7fff274f9000 - 0x7fff27546fff com.apple.CoreVideo (1.8 - 0.0) <FE8A9F52-4140-36D8-BE09-800E75857EAD> /System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo

0x7fff27547000 - 0x7fff27549fff com.apple.loginsupport (1.0 - 1) <FF0F8335-44A1-30C6-A005-5B50FAEC72CF> /System/Library/PrivateFrameworks/login.framework/Versions/A/Frameworks/loginsupport.framework/Versions/A/loginsupport

0x7fff2754a000 - 0x7fff27571fff com.apple.aps.framework (4.0 - 4.0) <AB586FD6-9C10-323B-A585-DCB42153B8E2> /System/Library/PrivateFrameworks/ApplePushService.framework/Versions/A/ApplePushService

0x7fff27572000 - 0x7fff2758dfff com.apple.UserManagement (1.0 - 1) <DCDC3E80-E995-3091-A68C-957984CB100B> /System/Library/PrivateFrameworks/UserManagement.framework/Versions/A/UserManagement

0x7fff2758e000 - 0x7fff2771ffff com.apple.cloudkit.CloudKit (990 - 990) <732C028A-288F-3DCB-AE2A-591E60F0D5C8> /System/Library/Frameworks/CloudKit.framework/Versions/A/CloudKit

0x7fff28484000 - 0x7fff28500fff com.apple.corelocation (2420.19.23 - 2420.19.23) <958D7B80-9E0B-31A4-A5ED-DCB20F4A571C> /System/Library/Frameworks/CoreLocation.framework/Versions/A/CoreLocation

0x7fff28501000 - 0x7fff28511fff libsystem\_containermanager.dylib (318.100.4.700.1) <45445167-AFC7-3406-A858-9AE8D8F45907> /usr/lib/system/libsystem\_containermanager.dylib

0x7fff28512000 - 0x7fff28523fff com.apple.IOSurface (290.8.2 - 290.8.2) <B98B7126-FFF8-343F-BE66-32212DE3BEBE> /System/Library/Frameworks/IOSurface.framework/Versions/A/IOSurface

0x7fff28524000 - 0x7fff2852dfff com.apple.IOAccelerator (442.10 - 442.10) <19FBA808-F918-3BB2-BE78-A1B0D10D724D> /System/Library/PrivateFrameworks/IOAccelerator.framework/Versions/A/IOAccelerator

0x7fff2852e000 - 0x7fff28651fff com.apple.Metal (244.303 - 244.303) <A9397F90-E221-397B-BA10-B52135A72D68> /System/Library/Frameworks/Metal.framework/Versions/A/Metal

0x7fff28652000 - 0x7fff2866efff com.apple.audio.caulk (1.0 - 70) <A8D1B95D-91AF-3FF5-9CD7-93661045C83A> /System/Library/PrivateFrameworks/caulk.framework/Versions/A/caulk

0x7fff2866f000 - 0x7fff28759fff com.apple.CoreMedia (1.0 - 2780.10.4.1.1) <237F9A0B-FE1F-3E4D-BE4D-8E27989EA845> /System/Library/Frameworks/CoreMedia.framework/Versions/A/CoreMedia

0x7fff2875a000 - 0x7fff288b6fff libFontParser.dylib (305.6.0.6) <E2A105F9-8B39-3A45-94CE-6BF2DB31EB25> /System/Library/PrivateFrameworks/FontServices.framework/libFontParser.dylib

0x7fff288b7000 - 0x7fff288b2fff com.apple.HIToolbox (2.1.1 - 1062) <621A473B-BE8A-3381-970A-25F253BE208A> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox

0x7fff28bb3000 - 0x7fff28bc6fff com.apple.framework.DFRFoundation (1.0 - 267)  
<C10A9E83-76B8-35E7-9604-F29855DD76D8> /System/Library/PrivateFrameworks/  
DFRFoundation.framework/Versions/A/DFRFoundation  
0x7fff28bc7000 - 0x7fff28bcafff com.apple.dt.XCTTargetBootstrap (1.0 - 18119.2)  
<41D5117E-E262-3638-B01E-494487E7DB39> /System/Library/PrivateFrameworks/  
XCTTargetBootstrap.framework/Versions/A/XCTTargetBootstrap  
0x7fff28bcb000 - 0x7fff28bf4fff com.apple.CoreSVG (1.0 - 149)  
<6215F1BD-17B3-3B6E-8FB1-3C0AD5AD3C26> /System/Library/PrivateFrameworks/  
CoreSVG.framework/Versions/A/CoreSVG  
0x7fff28bf5000 - 0x7fff28e32fff com.apple.ImageIO (3.3.0 - 2130.16.2) <15C8679A-  
DFE6-3664-977F-A82A97FD59C1> /System/Library/Frameworks/ImageIO.framework/Versions/A/  
ImageIO  
0x7fff28e33000 - 0x7fff291aefff com.apple.CoreImage (16.3.0 - 1140.2)  
<3C2DE86C-89FA-3EC1-ACFE-6BE95F54B123> /System/Library/Frameworks/  
CoreImage.framework/Versions/A/CoreImage  
0x7fff291af000 - 0x7fff29215fff com.apple.MetalPerformanceShaders.MPSCore (1.0 - 1)  
<02F2E0C6-0C0F-3390-A63B-189832967015> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSCore.framework/Versions/A/  
MPSCore  
0x7fff29216000 - 0x7fff29219fff libsystem\_configuration.dylib (1109.140.1)  
<53B71513-3009-3A8C-A5AA-9C15DD0AB54E> /usr/lib/system/libsystem\_configuration.dylib  
0x7fff2921a000 - 0x7fff2921efff libsystem\_sandbox.dylib (1441.141.13.701.2)  
<1E19BC49-484C-32BB-8BB7-99D41C63F86E> /usr/lib/system/libsystem\_sandbox.dylib  
0x7fff2921f000 - 0x7fff29220fff com.apple.AggregateDictionary (1.0 - 1)  
<CD5E6E8F-7AB6-345E-9243-D5D674DC0225> /System/Library/PrivateFrameworks/  
AggregateDictionary.framework/Versions/A/AggregateDictionary  
0x7fff29221000 - 0x7fff29224fff com.apple.AppleSystemInfo (3.1.5 - 3.1.5) <15CBB967-  
FAAE-3A22-A87F-4833A9D835E3> /System/Library/PrivateFrameworks/  
AppleSystemInfo.framework/Versions/A/AppleSystemInfo  
0x7fff29225000 - 0x7fff29226fff liblangid.dylib (136)  
<D6DDBEB6-7A9A-3F00-8DEF-18934CFC0A08> /usr/lib/liblangid.dylib  
0x7fff29227000 - 0x7fff292cbfff com.apple.CoreNLP (1.0 - 245.2) <F40C2289-9A6D-3C55-  
A6DA-FFAD41636415> /System/Library/PrivateFrameworks/CoreNLP.framework/Versions/A/  
CoreNLP  
0x7fff292cc000 - 0x7fff292d2fff com.apple.LinguisticData (1.0 - 399)  
<E6DC793D-3133-3D9B-BCF8-E4A628E45586> /System/Library/PrivateFrameworks/  
LinguisticData.framework/Versions/A/LinguisticData  
0x7fff292d3000 - 0x7fff2997bfff libBNNS.dylib (288.100.5)  
<1E45AC70-6C75-3F27-9252-40DF6B2D674A> /System/Library/Frameworks/  
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBNNS.dylib  
0x7fff2997c000 - 0x7fff29b4efff libvDSP.dylib (760.100.3) <7F1276C0-C9F6-3C6F-  
A0F7-1EB4EA666BD8> /System/Library/Frameworks/Accelerate.framework/Versions/A/  
Frameworks/vecLib.framework/Versions/A/libvDSP.dylib  
0x7fff29b4f000 - 0x7fff29b60fff com.apple.CoreEmoji (1.0 - 128.4)  
<011AA15B-6988-3F36-81A3-2B52B561D6E0> /System/Library/PrivateFrameworks/  
CoreEmoji.framework/Versions/A/CoreEmoji  
0x7fff29b61000 - 0x7fff29b6bfff com.apple.IOMobileFramebuffer (343.0.0 - 343.0.0)  
<28991DA2-1726-3F77-A9C5-4BB5AAEFA166> /System/Library/PrivateFrameworks/  
IOMobileFramebuffer.framework/Versions/A/IOMobileFramebuffer  
0x7fff29b6c000 - 0x7fff29c3efff com.apple.framework.CoreWLAN (16.0 - 1657)  
<EE71D82C-D346-324E-9F86-D9AC7228F000> /System/Library/Frameworks/  
CoreWLAN.framework/Versions/A/CoreWLAN  
0x7fff29c3f000 - 0x7fff29e40fff com.apple.CoreUtils (6.6 - 660.37) <AFBD39B7-  
ACE2-3DF2-9110-881D940BD4B5> /System/Library/PrivateFrameworks/CoreUtils.framework/  
Versions/A/CoreUtils  
0x7fff29e41000 - 0x7fff29e63fff com.apple.MobileKeyBag (2.0 - 1.0)  
<104A49DA-4F43-3D53-B537-F28E10F0C4E4> /System/Library/PrivateFrameworks/  
MobileKeyBag.framework/Versions/A/MobileKeyBag

0x7fff29e64000 - 0x7fff29e74fff com.apple.AssertionServices (1.0 - 505.100.9) <1B805E53-D42F-3019-88F0-64D3BD287DDB> /System/Library/PrivateFrameworks/  
AssertionServices.framework/Versions/A/AssertionServices  
0x7fff29e75000 - 0x7fff29f00fff com.apple.securityfoundation (6.0 - 55240.40.4)  
<D1E23625-27EF-37F4-93B8-E3162C1943BA> /System/Library/Frameworks/  
SecurityFoundation.framework/Versions/A/SecurityFoundation  
0x7fff29f01000 - 0x7fff29f0afff com.apple.coreservices.BackgroundTaskManagement (1.0 -  
104) <8CF5B495-3026-3CE1-9EFC-8D7D71380A43> /System/Library/PrivateFrameworks/  
BackgroundTaskManagement.framework/Versions/A/BackgroundTaskManagement  
0x7fff29f0b000 - 0x7fff29f0ffff com.apple.xpc.ServiceManagement (1.0 - 1)  
<D561E8B7-690C-3D18-A1E8-C4B01B8B9C11> /System/Library/Frameworks/  
ServiceManagement.framework/Versions/A/ServiceManagement  
0x7fff29f10000 - 0x7fff29f12fff libquarantine.dylib (119.40.4) <21C63859-6DFB-3463-9ADF-  
BB44FB28067C> /usr/lib/system/libquarantine.dylib  
0x7fff29f13000 - 0x7fff29f1efff libCheckFix.dylib (31) <1C2B822D-29D6-36E2-BBA3-  
F72DE49E038B> /usr/lib/libCheckFix.dylib  
0x7fff29f1f000 - 0x7fff29f36fff libcoretls.dylib (169.100.1) <FC8265A0-9659-35D9-  
BA6F-6507A44742FE> /usr/lib/libcoretls.dylib  
0x7fff29f37000 - 0x7fff29f47fff libbsm.0.dylib (68.40.1) <0CF67F8A-268D-320A-A3A4-  
D7C2D9AB8027> /usr/lib/libbsm.0.dylib  
0x7fff29f48000 - 0x7fff29f91fff libmecab.dylib (929.10) <47A982DF-1436-366E-  
AC45-1DA068832AED> /usr/lib/libmecab.dylib  
0x7fff29f92000 - 0x7fff29f97fff libgermantok.dylib (24)  
<189F508A-723B-345D-918F-178CF15077F3> /usr/lib/libgermantok.dylib  
0x7fff29f98000 - 0x7fff29fadfff libLinearAlgebra.dylib (1336.140.1) <27358E5F-256F-309F-  
AAC8-BAC4A56C7BF4> /System/Library/Frameworks/Accelerate.framework/Versions/A/  
Frameworks/vecLib.framework/Versions/A/libLinearAlgebra.dylib  
0x7fff29fae000 - 0x7fff2a1ccfff com.apple.MetalPerformanceShaders.MPSNeuralNetwork  
(1.0 - 1) <B7F8218A-2DA2-35A4-9200-3BD52CCF125C> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSNeuralNetwork.framework/  
Versions/A/MPSNeuralNetwork  
0x7fff2a1cd000 - 0x7fff2a21cfff com.apple.MetalPerformanceShaders.MPSRayIntersector  
(1.0 - 1) <3993AC67-62B4-3E49-B5BF-E8F814CE6C97> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSRayIntersector.framework/  
Versions/A/MPSRayIntersector  
0x7fff2a21d000 - 0x7fff2a37efff com.apple.MLCompute (1.0 - 1)  
<6026D664-0453-321F-81FE-A40AD902849E> /System/Library/Frameworks/  
MLCompute.framework/Versions/A/MLCompute  
0x7fff2a37f000 - 0x7fff2a3b5fff com.apple.MetalPerformanceShaders.MPSMatrix (1.0 - 1)  
<A194A321-8DD9-3051-97EC-3C4630946007> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSMatrix.framework/Versions/A/  
MPSMatrix  
0x7fff2a3b6000 - 0x7fff2a40cfff com.apple.MetalPerformanceShaders.MPSNDArray (1.0 - 1)  
<A72429D4-3BED-34DD-BEDE-322A0975A8BC> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSNDArray.framework/Versions/  
A/MPSNDArray  
0x7fff2a40d000 - 0x7fff2a49dfff com.apple.MetalPerformanceShaders.MPSImage (1.0 - 1)  
<0B333F06-FAD5-3689-9017-15334AD4F51C> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSImage.framework/Versions/A/  
MPSImage  
0x7fff2a49e000 - 0x7fff2a4adfff com.apple.AppleFSCompression (125 - 1.0)  
<1C5279EE-8F78-386E-9E4D-24A3785CACA2> /System/Library/PrivateFrameworks/  
AppleFSCompression.framework/Versions/A/AppleFSCompression  
0x7fff2a4ae000 - 0x7fff2a4bafff libbz2.1.0.dylib (44) <6E82D414-3810-36CF-94FF-  
B1BDF48DB501> /usr/lib/libbz2.1.0.dylib  
0x7fff2a4bb000 - 0x7fff2a4bffff libsystem\_coreservices.dylib (127.1) <6D84FA08-  
CB2B-34E1-9AB4-A54E82CB9161> /usr/lib/system/libsystem\_coreservices.dylib  
0x7fff2a4c0000 - 0x7fff2a4edfff com.apple.CoreServices.OSServices (1122.45 - 1122.45)  
<097586DB-22C5-323A-BC5C-5AF75613846D> /System/Library/Frameworks/  
CoreServices.framework/Versions/A/Frameworks/OSServices.framework/Versions/A/OSServices

0x7fff2a4ee000 - 0x7fff2a61dfff com.apple.AuthKit (1.0 - 1) <C678E6CB-DAE9-3AD0-9AA2-9D192426C184> /System/Library/PrivateFrameworks/AuthKit.framework/Versions/A/AuthKit  
0x7fff2a61e000 - 0x7fff2a64cfff com.apple.UserNotifications (1.0 - 348.5) <6A934689-A2B7-3E21-A523-CE1534B5D58B> /System/Library/Frameworks/UserNotifications.framework/Versions/A/UserNotifications  
0x7fff2a6bc000 - 0x7fff2a6cefff libz.1.dylib (76.140.1) <A2FF8D14-1632-3047-9829-CC90239F97FF> /usr/lib/libz.1.dylib  
0x7fff2a6cf000 - 0x7fff2a716fff libsystem\_m.dylib (3186.100.3) <1836B380-C579-3195-BC3F-77404D432186> /usr/lib/system/libsystem\_m.dylib  
0x7fff2a717000 - 0x7fff2a717fff libcharset.1.dylib (59) <3A46C22D-E678-356B-9BAD-6E837704D662> /usr/lib/libcharset.1.dylib  
0x7fff2a718000 - 0x7fff2a71dfff libmacho.dylib (980) <F7BDAFE5-4E49-39DD-8F94-CD5E49C91A90> /usr/lib/system/libmacho.dylib  
0x7fff2a71e000 - 0x7fff2a739fff libkxld.dylib (7195.141.49.702.12) <6585C769-FACC-3E47-844B-C7011292F3C5> /usr/lib/system/libkxld.dylib  
0x7fff2a73a000 - 0x7fff2a745fff libcommonCrypto.dylib (60178.120.3) <B057F752-3057-394D-A3F6-AA11A04A6392> /usr/lib/system/libcommonCrypto.dylib  
0x7fff2a746000 - 0x7fff2a750fff libunwind.dylib (201) <9D6A6228-8DC3-3521-B458-4EDE4A9F5E65> /usr/lib/system/libunwind.dylib  
0x7fff2a751000 - 0x7fff2a758fff liboah.dylib (203.58) <AC9E8A76-FCAA-3F97-802A-D22EF770463B> /usr/lib/liboah.dylib  
0x7fff2a759000 - 0x7fff2a763fff libcopyfile.dylib (173.40.2) <BD7EAE7B-28C1-36DF-96B8-F506D50DFF28> /usr/lib/system/libcopyfile.dylib  
0x7fff2a764000 - 0x7fff2a76bfff libcompiler\_rt.dylib (102.2) <BA910DC2-C697-3DAD-9A70-7C8CD5217AC3> /usr/lib/system/libcompiler\_rt.dylib  
0x7fff2a76c000 - 0x7fff2a76efff libsystem\_collections.dylib (1439.141.1) <21F2EF42-56ED-3E0F-9C29-94E0888DC52C> /usr/lib/system/libsystem\_collections.dylib  
0x7fff2a76f000 - 0x7fff2a771fff libsystem\_secinit.dylib (87.60.1) <E976428F-F9E2-334B-AA91-9AAD40234718> /usr/lib/system/libsystem\_secinit.dylib  
0x7fff2a772000 - 0x7fff2a774fff libremovefile.dylib (49.120.1) <5AC9F8EC-F0E8-3D8A-ADB5-96B5FB581896> /usr/lib/system/libremovefile.dylib  
0x7fff2a775000 - 0x7fff2a775fff libkeymgr.dylib (31) <9FBE08F6-0679-3976-AFDC-1EAF40C3958F> /usr/lib/system/libkeymgr.dylib  
0x7fff2a776000 - 0x7fff2a77dfff libsystem\_dnssd.dylib (1310.140.1) <8C4D6C93-285F-3587-A986-5BB96A1C664F> /usr/lib/system/libsystem\_dnssd.dylib  
0x7fff2a77e000 - 0x7fff2a783fff libcache.dylib (83) <56DCEFF5-111E-32FD-B4E9-E148507C4FEC> /usr/lib/system/libcache.dylib  
0x7fff2a784000 - 0x7fff2a785fff libSystem.B.dylib (1292.120.1) <A8E7368E-58FA-31E5-8D4D-FC2FED6100E6> /usr/lib/libSystem.B.dylib  
0x7fff2a786000 - 0x7fff2a789fff libfakelink.dylib (3) <6002BC93-3627-366E-8D21-A552D56CB215> /usr/lib/libfakelink.dylib  
0x7fff2a78a000 - 0x7fff2a78afff com.apple.SoftLinking (1.0 - 1) <3D0CEDFD-B263-39CA-8B31-E0A498D05EB3> /System/Library/PrivateFrameworks/SoftLinking.framework/Versions/A/SoftLinking  
0x7fff2a78b000 - 0x7fff2a7c2fff libpcap.A.dylib (98.100.3) <236EE73F-6D38-38E0-9BC0-B427DEB7F9FD> /usr/lib/libpcap.A.dylib  
0x7fff2a7c3000 - 0x7fff2a8b3fff libiconv.2.dylib (59) <DEE0153A-BDF9-33CA-B8C7-3C39DB906B5E> /usr/lib/libiconv.2.dylib  
0x7fff2a8b4000 - 0x7fff2a8c5fff libcmph.dylib (8) <83A69507-07D1-387F-9D06-1011E7909EAC> /usr/lib/libcmph.dylib  
0x7fff2a8c6000 - 0x7fff2a937fff libarchive.2.dylib (83.100.2) <45B577F5-0064-3E73-89B8-BE4A121B214F> /usr/lib/libarchive.2.dylib  
0x7fff2a938000 - 0x7fff2a99ffff com.apple.SearchKit (1.4.1 - 1.4.1) <7C264603-379D-38BF-A3EC-49C01059C5E5> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/Versions/A/SearchKit  
0x7fff2a9a0000 - 0x7fff2a9a1fff libThaiTokenizer.dylib (3) <BA265C01-176E-3F7D-97F6-7FAABB0CAEC8> /usr/lib/libThaiTokenizer.dylib

0x7fff2a9a2000 - 0x7fff2a9c4fff com.apple.applesauce (1.0 - 16.28)  
<EAFF4FEC-51F3-3D0D-9D99-E62E75937F1B> /System/Library/PrivateFrameworks/  
AppleSauce.framework/Versions/A/AppleSauce  
0x7fff2a9c5000 - 0x7fff2a9dcfff libapple\_nghttp2.dylib (1.41) <AC9520D7-D54F-3031-9503-  
FEA5A5ED5E56> /usr/lib/libapple\_nghttp2.dylib  
0x7fff2a9dd000 - 0x7fff2a9f3fff libSparseBLAS.dylib (1336.140.1) <7D926256-  
F187-33CA-87D6-74F1660C438A> /System/Library/Frameworks/Accelerate.framework/Versions/  
A/Frameworks/vecLib.framework/Versions/A/libSparseBLAS.dylib  
0x7fff2a9f4000 - 0x7fff2a9f5fff  
com.apple.MetalPerformanceShaders.MetalPerformanceShaders (1.0 - 1) <9BFE310E-  
E910-3228-BDF5-21A7C4468D89> /System/Library/Frameworks/  
MetalPerformanceShaders.framework/Versions/A/MetalPerformanceShaders  
0x7fff2a9f6000 - 0x7fff2a9fbfff libpam.2.dylib (28.40.1.700.1) <564320AF-69E5-3FEE-BE3A-  
E500B9B6786F> /usr/lib/libpam.2.dylib  
0x7fff2a9fc000 - 0x7fff2aa1bfff libcompression.dylib (96.120.1)  
<F36054C1-6074-3A22-82EF-6F4A2A52599C> /usr/lib/libcompression.dylib  
0x7fff2aa1c000 - 0x7fff2aa21fff libQuadrature.dylib (7) <256CB21E-2878-3F22-B4B5-  
E1FB60D64C9E> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/  
vecLib.framework/Versions/A/libQuadrature.dylib  
0x7fff2aa22000 - 0x7fff2adbffff libLAPACK.dylib (1336.140.1) <02F2D4D1-8763-32D1-  
B5F9-9DD439EFC8E8> /System/Library/Frameworks/Accelerate.framework/Versions/A/  
Frameworks/vecLib.framework/Versions/A/libLAPACK.dylib  
0x7fff2adc0000 - 0x7fff2ae0ffff com.apple.DictionaryServices (1.2 - 341) <FB843860-  
C7D5-3060-B50E-303A3CBAE9A9> /System/Library/Frameworks/CoreServices.framework/  
Versions/A/Frameworks/DictionaryServices.framework/Versions/A/DictionaryServices  
0x7fff2ae10000 - 0x7fff2ae28fff liblzma.5.dylib (16) <455C9083-014D-3037-  
AC54-1395F3796734> /usr/lib/liblzma.5.dylib  
0x7fff2ae29000 - 0x7fff2ae2afff libcoretls\_cfhelpers.dylib (169.100.1)  
<6760D250-2628-3DA2-A8A4-6F438E09527A> /usr/lib/libcoretls\_cfhelpers.dylib  
0x7fff2ae2b000 - 0x7fff2af26fff com.apple.APFS (1677.141.3 - 1677.141.3) <E4B0DF0F-  
E1A5-3FEF-A2A6-8105AD54D95A> /System/Library/PrivateFrameworks/APFS.framework/  
Versions/A/APFS  
0x7fff2af27000 - 0x7fff2af35fff libxar.1.dylib (452.140.1) <9E460111-1BBC-31FE-8CAF-  
FA8AEC22C1E9> /usr/lib/libxar.1.dylib  
0x7fff2af36000 - 0x7fff2af39fff libutil.dylib (58.40.3) <B5961283-0856-3D78-AE9C-  
EAFB6A903569> /usr/lib/libutil.dylib  
0x7fff2af3a000 - 0x7fff2af62fff libxslt.1.dylib (17.10) <52B300FD-  
B3F6-3689-9554-98B543A298C7> /usr/lib/libxslt.1.dylib  
0x7fff2af63000 - 0x7fff2af6dfff libChineseTokenizer.dylib (37.1) <62BC78D3-1400-3366-  
A04E-C8BEE6AC00B5> /usr/lib/libChineseTokenizer.dylib  
0x7fff2af6e000 - 0x7fff2b02bfff libvMisc.dylib (760.100.3) <560739C2-D16B-36CA-89F4-  
BD4DD2192333> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/  
vecLib.framework/Versions/A/libvMisc.dylib  
0x7fff2b02c000 - 0x7fff2b0c3fff libate.dylib (3.0.6) <CCD85C79-E892-339A-B0AB-  
E385D4F635F5> /usr/lib/libate.dylib  
0x7fff2b0c4000 - 0x7fff2b0cbfff libIOReport.dylib (64.100.1) <0997845A-1FF3-35B3-  
A5ED-2FB16D07F624> /usr/lib/libIOReport.dylib  
0x7fff2b0cc000 - 0x7fff2b0dffff com.apple.CrashReporterSupport (10.13 - 15053.1)  
<146251D8-7623-3944-86B2-36EE47BD982E> /System/Library/PrivateFrameworks/  
CrashReporterSupport.framework/Versions/A/CrashReporterSupport  
0x7fff2b196000 - 0x7fff2b1ccfff com.apple.pluginkit.framework (1.0 - 1) <3A37B687-  
BDC8-315B-996D-7601E168DE47> /System/Library/PrivateFrameworks/PlugInKit.framework/  
Versions/A/PlugInKit  
0x7fff2b1cd000 - 0x7fff2b1d4fff libMatch.1.dylib (38) <48FD1C03-C887-3052-9641-  
BF27E829577E> /usr/lib/libMatch.1.dylib  
0x7fff2b1d5000 - 0x7fff2b260fff libCoreStorage.dylib (554.140.2) <A8AC005D-0E07-33B5-  
B441-C0D208F740E8> /usr/lib/libCoreStorage.dylib  
0x7fff2b261000 - 0x7fff2b2b4fff com.apple.AppleVAFramework (6.1.3 - 6.1.3)  
<1D2A99E8-473C-3C56-BD50-98549FDC8932> /System/Library/PrivateFrameworks/  
AppleVA.framework/Versions/A/AppleVA

0x7fff2b2b5000 - 0x7fff2b2cefff libexpat.1.dylib (26.141.1) <0416D6BA-2AEB-3BBA-8584-FA28E62E8007> /usr/lib/libexpat.1.dylib  
0x7fff2b2cf000 - 0x7fff2b2d8fff libheimdal-asn1.dylib (597.140.4) <60E659ED-BF63-3853-868D-D82D981AA955> /usr/lib/libheimdal-asn1.dylib  
0x7fff2b2d9000 - 0x7fff2b2edfff com.apple.IconFoundation (479.4 - 479.4) <71915E97-2F3E-36EE-B000-0EE7B258DD29> /System/Library/PrivateFrameworks/IconFoundation.framework/Versions/A/IconFoundation  
0x7fff2b2ee000 - 0x7fff2b35afff com.apple.IconServices (479.4 - 479.4) <C3E66299-D698-3AF5-B34D-D2782F91E106> /System/Library/PrivateFrameworks/IconServices.framework/Versions/A/IconServices  
0x7fff2b35b000 - 0x7fff2b3f9fff com.apple.MediaExperience (1.0 - 1) <F5328457-1856-3DA3-B254-EC4FBBA7799F> /System/Library/PrivateFrameworks/MediaExperience.framework/Versions/A/MediaExperience  
0x7fff2b3fa000 - 0x7fff2b422fff com.apple.persistentconnection (1.0 - 1.0) <CF93C3EC-D1D1-3BAE-92B1-5D85A969F748> /System/Library/PrivateFrameworks/PersistentConnection.framework/Versions/A/PersistentConnection  
0x7fff2b423000 - 0x7fff2b431fff com.apple.GraphVisualizer (1.0 - 100.1) <928039C0-8548-38A0-BBE9-6AA807CCE7B7> /System/Library/PrivateFrameworks/GraphVisualizer.framework/Versions/A/GraphVisualizer  
0x7fff2b432000 - 0x7fff2b84dfff com.apple.vision.FaceCore (4.3.2 - 4.3.2) <13FFCD22-55DB-301B-9C6F-03C94266591B> /System/Library/PrivateFrameworks/FaceCore.framework/Versions/A/FaceCore  
0x7fff2b84e000 - 0x7fff2b895fff com.apple.OTSVG (1.0 - 677.6.0.4) <F89F3381-E8B0-3964-995E-6213AD6955B2> /System/Library/PrivateFrameworks/OTSVG.framework/Versions/A/OTSVG  
0x7fff2b896000 - 0x7fff2b89cfff com.apple.xpc.AppServerSupport (1.0 - 2038.120.1.701.2) <C50E01B1-3B25-3237-A424-0E1FEBC3A890> /System/Library/PrivateFrameworks/AppServerSupport.framework/Versions/A/AppServerSupport  
0x7fff2b89d000 - 0x7fff2b8affff libhvf.dylib (1.0 - \${CURRENT\_PROJECT\_VERSION}) <24525668-9221-3A7B-8C64-CD4E418049DA> /System/Library/PrivateFrameworks/FontServices.framework/libhvf.dylib  
0x7fff2b8b0000 - 0x7fff2b8b2fff libspindump.dylib (295.3) <E090FDF1-6C64-39B9-A750-63EC6AB7E0C1> /usr/lib/libspindump.dylib  
0x7fff2b8b3000 - 0x7fff2b973fff com.apple.Heimdal (4.0 - 2.0) <52976F1C-2F22-397A-8F21-38BEB3061DC2> /System/Library/PrivateFrameworks/Heimdal.framework/Versions/A/Heimdal  
0x7fff2b974000 - 0x7fff2b98efff com.apple.login (3.0 - 3.0) <B0C12EE3-A89F-3844-B00C-082D8796B000> /System/Library/PrivateFrameworks/login.framework/Versions/A/login  
0x7fff2bb0f000 - 0x7fff2bb12fff libodfde.dylib (26) <D01C7A0C-DC65-3E8C-89AF-95DAE92E8362> /usr/lib/libodfde.dylib  
0x7fff2bb13000 - 0x7fff2bb4ffff com.apple.bom (14.0 - 235.3) <B849E4CE-F977-3F27-857C-8000AD4FE041> /System/Library/PrivateFrameworks/Bom.framework/Versions/A/Bom  
0x7fff2bb50000 - 0x7fff2bb99fff com.apple.AppleJPEG (1.0 - 1) <2A8FF19B-B937-3F0B-A59B-A9A8B24F53E6> /System/Library/PrivateFrameworks/AppleJPEG.framework/Versions/A/AppleJPEG  
0x7fff2bb9a000 - 0x7fff2bc79fff libJP2.dylib (2130.16.2) <967ABC46-39E1-38CC-8BE5-FDE37AFB77BD> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJP2.dylib  
0x7fff2bc7a000 - 0x7fff2bc7dfff com.apple.WatchdogClient.framework (1.0 - 98.120.2) <2907CD2F-A115-34CF-BB9D-DCFEBAEE78F3> /System/Library/PrivateFrameworks/WatchdogClient.framework/Versions/A/WatchdogClient  
0x7fff2bc7e000 - 0x7fff2bcb4fff com.apple.MultitouchSupport.framework (4440.3.1 - 4440.3.1) <9F19F332-ADC4-3D35-A9ED-C62AC334A704> /System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport  
0x7fff2bcb5000 - 0x7fff2be13fff com.apple.VideoToolbox (1.0 - 2780.10.4.1.1) <774F6519-3AF4-3B1C-BCA8-72B287B8CF05> /System/Library/Frameworks/VideoToolbox.framework/Versions/A/VideoToolbox  
0x7fff2be14000 - 0x7fff2be47fff libAudioToolboxUtility.dylib (1181.72.5) <F1E3759E-BE9B-30CE-97F0-669ECD0F012F> /usr/lib/libAudioToolboxUtility.dylib

0x7fff2be48000 - 0x7fff2be68fff libPng.dylib (2130.16.2) <BE17D73D-2A4F-3A46-85DE-A523D58A82F5> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib

0x7fff2be69000 - 0x7fff2becafff libTIFF.dylib (2130.16.2) <48B3B58D-BC6F-3D7B-988C-729475BFACCA> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libTIFF.dylib

0x7fff2becb000 - 0x7fff2bee7fff com.apple.IOPresentment (58 - 37) <BA4B88DD-52FF-3F07-82E2-533E7D6548C0> /System/Library/PrivateFrameworks/IOPresentment.framework/Versions/A/IOPresentment

0x7fff2bee8000 - 0x7fff2beeffff com.apple.GPUWrangler (6.3.6 - 6.3.6) <D41B27C4-9FC6-3F2F-8C65-06F9ED6EE43D> /System/Library/PrivateFrameworks/GPUWrangler.framework/Versions/A/GPUWrangler

0x7fff2bef0000 - 0x7fff2bef3fff libRadiance.dylib (2130.16.2) <5B7B2CA5-D6ED-3A8E-97BC-A3D99EE023F9> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libRadiance.dylib

0x7fff2bef4000 - 0x7fff2bef9fff com.apple.DSEExternalDisplay (3.1 - 380) <85C7B7A3-8E61-3773-A7A1-0E594C390144> /System/Library/PrivateFrameworks/DSEExternalDisplay.framework/Versions/A/DSEExternalDisplay

0x7fff2befa000 - 0x7fff2bf1efff libJPEG.dylib (2130.16.2) <164FF5FC-2979-394D-8474-D35A20394794> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJPEG.dylib

0x7fff2bf1f000 - 0x7fff2bf4efff com.apple.ATSUI (1.0 - 1) <D64FE353-AFFA-3B55-8E85-F222434E2FC1> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATSUI.framework/Versions/A/ATSUI

0x7fff2bf4f000 - 0x7fff2bf53fff libGIF.dylib (2130.16.2) <3EDEAB7F-7268-3DA5-898D-1C21579DC859> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libGIF.dylib

0x7fff2bf54000 - 0x7fff2bf5dfff com.apple.CMCaptureCore (1.0 - 82.6) <E96DDCE5-8BCF-392D-84C6-87D76BC9DF9A> /System/Library/PrivateFrameworks/CMCaptureCore.framework/Versions/A/CMCaptureCore

0x7fff2bf5e000 - 0x7fff2bfa5fff com.apple.print.framework.PrintCore (16.1 - 531.1) <D8F84239-11A0-311F-A66C-99C87F99D879> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/PrintCore.framework/Versions/A/PrintCore

0x7fff2bfa6000 - 0x7fff2c073fff com.apple.TextureIO (3.10.9 - 3.10.9) <3AC1D19C-DACE-33A7-9C89-BDD3D38A7080> /System/Library/PrivateFrameworks/TextureIO.framework/Versions/A/TextureIO

0x7fff2c074000 - 0x7fff2c07cfff com.apple.InternationalSupport (1.0 - 61.1) <D4CAEFD9-602F-3112-AD33-A674F2A6EC7F> /System/Library/PrivateFrameworks/InternationalSupport.framework/Versions/A/InternationalSupport

0x7fff2c07d000 - 0x7fff2c0f7fff com.apple.datadetectorscore (8.0 - 674) <3B902938-2B3E-31A5-A57B-151BBB5D8BC8> /System/Library/PrivateFrameworks/DataDetectorsCore.framework/Versions/A/DataDetectorsCore

0x7fff2c0f8000 - 0x7fff2c155fff com.apple.UserActivity (439 - 439) <59BC012A-4927-3FB9-9AEF-75F0096A1548> /System/Library/PrivateFrameworks/UserActivity.framework/Versions/A/UserActivity

0x7fff2c156000 - 0x7fff2c8f2fff com.apple.MediaToolbox (1.0 - 2780.10.4.1.1) <7603673A-4FFE-38E3-B614-9C46514F2D98> /System/Library/Frameworks/MediaToolbox.framework/Versions/A/MediaToolbox

0x7fff2cd33000 - 0x7fff2cd99fff com.apple.imfoundation (10.0 - 1000) <9033822C-E350-3F33-8D3E-CE37F7EADC7E> /System/Library/PrivateFrameworks/IMFoundation.framework/Versions/A/IMFoundation

0x7fff2cd9a000 - 0x7fff2cdc2fff com.apple.locationsupport (2420.19.23 - 2420.19.23) <3A08E563-896C-36BA-A111-F9581DCAC8BD> /System/Library/PrivateFrameworks/LocationSupport.framework/Versions/A/LocationSupport

0x7fff2cdc3000 - 0x7fff2cdf4fff libSessionUtility.dylib (76.69) <9CA8B6AC-ADC8-3805-A7AE-2532B3C0EBB0> /System/Library/PrivateFrameworks/AudioSession.framework/libSessionUtility.dylib

0x7fff2cdf5000 - 0x7fff2cf29fff com.apple.audio.toolbox.AudioToolbox (1.14 - 1.14)  
<99F6F2D8-189D-398C-A38C-B6B49F66A6E8> /System/Library/Frameworks/  
AudioToolbox.framework/Versions/A/AudioToolbox  
0x7fff2cf2a000 - 0x7fff2cf8ffff com.apple.audio.AudioSession (1.0 - 76.69)  
<85C29DF5-2A9A-3029-8AF5-91E83074C414> /System/Library/PrivateFrameworks/  
AudioSession.framework/Versions/A/AudioSession  
0x7fff2cf90000 - 0x7fff2cfa2fff libAudioStatistics.dylib (27.64) <C46ED1DB-C7F4-3E56-  
B992-25821F9B1CE1> /usr/lib/libAudioStatistics.dylib  
0x7fff2cfa3000 - 0x7fff2cfb2fff com.apple.speech.synthesis.framework (9.0.66 - 9.0.66)  
<1746AB65-AAAA-3BAB-AAD3-C158FB532798> /System/Library/Frameworks/  
ApplicationServices.framework/Versions/A/Frameworks/SpeechSynthesis.framework/Versions/A/  
SpeechSynthesis  
0x7fff2cfb3000 - 0x7fff2d01ffff com.apple.ApplicationServices.ATS (377 - 516)  
<484D4858-74A8-3541-91E5-2C74F70A3824> /System/Library/Frameworks/  
ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/ATS  
0x7fff2d020000 - 0x7fff2d038fff libresolv.9.dylib (68.2)  
<78461752-674E-35D5-94D6-17E627802577> /usr/lib/libresolv.9.dylib  
0x7fff2d039000 - 0x7fff2d04cfff libsasl2.2.dylib (214)  
<F5DA519A-3F95-3E66-948D-0DF12C6FEA69> /usr/lib/libsasl2.2.dylib  
0x7fff2d16b000 - 0x7fff2d24aff libSMC.dylib (20) <038349BC-2D55-3E20-B3C3-  
BFEEA36E730A> /usr/lib/libSMC.dylib  
0x7fff2d24b000 - 0x7fff2d2aaaff libcups.2.dylib (494.7) <0006C772-A113-37BC-A8AD-  
A7B96DE21EE2> /usr/lib/libcups.2.dylib  
0x7fff2d2ab000 - 0x7fff2d2baff com.apple.LangAnalysis (1.7.0 - 254) <EEF814D5-  
A3F9-3FF4-8F1B-D6083AFAEC52> /System/Library/Frameworks/ApplicationServices.framework/  
Versions/A/Frameworks/LangAnalysis.framework/Versions/A/LangAnalysis  
0x7fff2d2bb000 - 0x7fff2d2c5fff com.apple.NetAuth (6.2 - 6.2) <2FB90509-3BD8-39CF-  
BE6A-5490F84FF284> /System/Library/PrivateFrameworks/NetAuth.framework/Versions/A/  
NetAuth  
0x7fff2d2c6000 - 0x7fff2d2cdfff com.apple.ColorSyncLegacy (4.13.0 - 1) <00861A68-  
F725-3E01-BDB9-64823636DD90> /System/Library/Frameworks/ApplicationServices.framework/  
Versions/A/Frameworks/ColorSyncLegacy.framework/Versions/A/ColorSyncLegacy  
0x7fff2d2ce000 - 0x7fff2d2d9fff com.apple.QD (4.0 - 416) <AAE33CA8-0995-3BA3-  
B5CE-4ED19706BB44> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/  
Frameworks/QD.framework/Versions/A/QD  
0x7fff2d2da000 - 0x7fff2d92eff com.apple.audio.AudioResourceArbitration (1.0 - 1)  
<09E26A64-0C70-38AD-B9C9-7F8847E1F09F> /System/Library/PrivateFrameworks/  
AudioResourceArbitration.framework/Versions/A/AudioResourceArbitration  
0x7fff2d92f000 - 0x7fff2d93aff com.apple.perfdata (1.0 - 67.40.1) <4A3F192A-2416-3D16-  
B318-A160264359DE> /System/Library/PrivateFrameworks/perfdata.framework/Versions/A/  
perfdata  
0x7fff2d93b000 - 0x7fff2d949fff libperfcheck.dylib (41) <7D626792-9A87-3A1F-BE6E-  
C7D8FE62B800> /usr/lib/libperfcheck.dylib  
0x7fff2d94a000 - 0x7fff2d959fff com.apple.Kerberos (3.0 - 1) <69B24A09-0788-3ACA-  
A01C-358746980694> /System/Library/Frameworks/Kerberos.framework/Versions/A/Kerberos  
0x7fff2d95a000 - 0x7fff2d9aaff com.apple.GSS (4.0 - 2.0) <5C6BCBC8-F041-3588-  
AC99-94CD85737E2B> /System/Library/Frameworks/GSS.framework/Versions/A/GSS  
0x7fff2d9ab000 - 0x7fff2d9bbfff com.apple.CommonAuth (4.0 - 2.0)  
<82E6D81F-8B40-3986-B5F2-CF151AD8C06C> /System/Library/PrivateFrameworks/  
CommonAuth.framework/Versions/A/CommonAuth  
0x7fff2da11000 - 0x7fff2da30fff com.apple.security.KeychainCircle.KeychainCircle (1.0 - 1)  
<F062C5DC-304D-304A-8C4E-D86622352382> /System/Library/PrivateFrameworks/  
KeychainCircle.framework/Versions/A/KeychainCircle  
0x7fff2da31000 - 0x7fff2da39fff com.apple.CorePhoneNumbers (1.0 - 1) <463A5379-  
F673-3712-8422-9A0DA38D75E5> /System/Library/PrivateFrameworks/  
CorePhoneNumbers.framework/Versions/A/CorePhoneNumbers  
0x7fff2db8c000 - 0x7fff2db8cfff liblaunch.dylib (2038.120.1.701.2)  
<B79B00B1-954F-3EC4-9E22-A24E25CAE88D> /usr/lib/system/liblaunch.dylib

0x7fff2e111000 - 0x7fff2e212fff com.apple.ids (10.0 - 1000) <390E9536-FF0A-3989-87C6-9F8EB4AE3EAE> /System/Library/PrivateFrameworks/IDS.framework/Versions/A/IDS

0x7fff2e213000 - 0x7fff2e372fff com.apple.idsfoundation (10.0 - 1000) <4542B0E4-850F-3E06-8902-DACD459452E0> /System/Library/PrivateFrameworks/IDSFoundation.framework/Versions/A/IDSFoundation

0x7fff2e373000 - 0x7fff2e4befff com.apple.Sharing (1630 - 1630) <35DFD4B9-28E6-35BE-AD57-6959C23715B4> /System/Library/PrivateFrameworks/Sharing.framework/Versions/A/Sharing

0x7fff2e4bf000 - 0x7fff2e5e0fff com.apple.Bluetooth (8.0.5 - 8.0.5d7) <173115D9-072B-3205-8A79-419EE173EB9E> /System/Library/Frameworks/IOBluetooth.framework/Versions/A/IOBluetooth

0x7fff2e5fa000 - 0x7fff2e653fff com.apple.ProtectedCloudStorage (1.0 - 1) <D3CB43FC-19DA-37A6-A823-62B5D8F3714A> /System/Library/PrivateFrameworks/ProtectedCloudStorage.framework/Versions/A/ProtectedCloudStorage

0x7fff2e8b3000 - 0x7fff2fdaefff com.apple.GeoServices (1.0 - 1757.26.6.2.4) <5C31712D-D343-333E-B2EB-EF7DA50B95B4> /System/Library/PrivateFrameworks/GeoServices.framework/Versions/A/GeoServices

0x7fff2fdaf000 - 0x7fff2fdbaff com.apple.DirectoryService.Framework (11.7 - 230.40.1) <B446CFAA-7AE6-3FB5-A3AF-BF7E46674205> /System/Library/Frameworks/DirectoryService.framework/Versions/A/DirectoryService

0x7fff2fdbb000 - 0x7fff2fde2fff com.apple.RemoteViewServices (2.0 - 163) <960463A4-6F65-3E89-8918-FA77BF9F6ADC> /System/Library/PrivateFrameworks/RemoteViewServices.framework/Versions/A/RemoteViewServices

0x7fff2fde3000 - 0x7fff2fdf2fff com.apple.SpeechRecognitionCore (6.1.25 - 6.1.25) <08338B73-5E68-33E3-93DC-F5BAF287CF82> /System/Library/PrivateFrameworks/SpeechRecognitionCore.framework/Versions/A/SpeechRecognitionCore

0x7fff2fdf3000 - 0x7fff2fdfaff com.apple.speech.recognition.framework (6.0.3 - 6.0.3) <927F7D7F-8BD2-3EF2-A239-C20010C2149E> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/Versions/A/SpeechRecognition

0x7fff30028000 - 0x7fff30028fff libsystem\_product\_info\_filter.dylib (8.40.1) <BB06C92C-6BD7-310C-A176-DC0DCE8D9F2B> /usr/lib/system/libsystem\_product\_info\_filter.dylib

0x7fff30100000 - 0x7fff30100fff com.apple.Accelerate.vecLib (3.11 - vecLib 3.11) <F46E0ACF-7524-3CA3-A64A-5DDF6081EB67> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/vecLib

0x7fff30126000 - 0x7fff30126fff com.apple.CoreServices (1122.45 - 1122.45) <05DA2462-9BFC-38D9-820A-8842710471D6> /System/Library/Frameworks/CoreServices.framework/Versions/A/CoreServices

0x7fff302e2000 - 0x7fff302e2fff com.apple.Accelerate (1.11 - Accelerate 1.11) <3D8DECC6-19B3-3A32-98CF-EB07536D1635> /System/Library/Frameworks/Accelerate.framework/Versions/A/Accelerate

0x7fff30323000 - 0x7fff3032eff com.apple.MediaAccessibility (1.0 - 130) <92C16B96-57FF-3C72-8532-A1D01DAB02F6> /System/Library/Frameworks/MediaAccessibility.framework/Versions/A/MediaAccessibility

0x7fff3032f000 - 0x7fff3034eff com.apple.networking.AlgosScoreFramework (1.0 - 1) <FB7065AB-1D6E-322E-AFDA-626D2A2BAFEB> /System/Library/PrivateFrameworks/AlgosScoreFramework.framework/Versions/A/AlgosScoreFramework

0x7fff3034f000 - 0x7fff30353fff com.apple.AppleSRP (5.0 - 1) <07D9751D-89E5-37C3-8DBA-764CF8EAD2EB> /System/Library/PrivateFrameworks/AppleSRP.framework/Versions/A/AppleSRP

0x7fff30354000 - 0x7fff3035ffff com.apple.frameworks.CoreDaemon (1.3 - 1.3) <A0235B63-1146-385F-8EEC-2E02CF1C24C0> /System/Library/PrivateFrameworks/CoreDaemon.framework/Versions/B/CoreDaemon

0x7fff30360000 - 0x7fff30397fff com.apple.framework.SystemAdministration (1.0 - 1.0) <6AF03A38-E38A-3716-8C1A-92786ABC185E> /System/Library/PrivateFrameworks/SystemAdministration.framework/Versions/A/SystemAdministration

0x7fff30b25000 - 0x7fff30b8aff com.apple.CoreBluetooth (1.0 - 1) <EABA3795-3E43-3CA7-BA08-530E2934608E> /System/Library/Frameworks/CoreBluetooth.framework/Versions/A/CoreBluetooth

0x7fff30b8b000 - 0x7fff30b94fff com.apple.SymptomDiagnosticReporter (1.0 - 79.120.1)  
<D764B1B5-3D72-3E24-AD98-47FD4716F03B> /System/Library/PrivateFrameworks/  
SymptomDiagnosticReporter.framework/Versions/A/SymptomDiagnosticReporter  
0x7fff30ba8000 - 0x7fff30bb4fff com.apple.AppleIDAuthSupport (1.0 - 1)  
<B3A39FB5-40F3-381D-B7E1-B679241F5643> /System/Library/PrivateFrameworks/  
AppleIDAuthSupport.framework/Versions/A/AppleIDAuthSupport  
0x7fff30bb5000 - 0x7fff30c5dfff com.apple.DiscRecording (9.0.3 - 9030.4.5)  
<2EB0A304-1C88-350B-BDFA-B9F73767D44C> /System/Library/Frameworks/  
DiscRecording.framework/Versions/A/DiscRecording  
0x7fff30c5e000 - 0x7fff30c91fff com.apple.MediaKit (16 - 927.40.2)  
<058F1A64-1627-3D16-89D3-5BF269940F83> /System/Library/PrivateFrameworks/  
MediaKit.framework/Versions/A/MediaKit  
0x7fff30c92000 - 0x7fff30d7dfff com.apple.DiskManagement (14.0 - 1733.140.2)  
<037C755C-7622-37EC-9795-50169FBA1374> /System/Library/PrivateFrameworks/  
DiskManagement.framework/Versions/A/DiskManagement  
0x7fff30d7e000 - 0x7fff31138fff com.apple.CoreAUC (326.2.0 - 326.2.0)  
<0CFEFD7D-9BF4-3064-9253-AD0BAAE8CD12> /System/Library/PrivateFrameworks/  
CoreAUC.framework/Versions/A/CoreAUC  
0x7fff31139000 - 0x7fff3113cfff com.apple.Mangrove (1.0 - 25) <C1E6FEFE-27BE-30AE-  
B3E3-956F10DC7997> /System/Library/PrivateFrameworks/Mangrove.framework/Versions/A/  
Mangrove  
0x7fff3113d000 - 0x7fff3116afff com.apple.CoreAVCHD (6.1.0 - 6100.4.1)  
<47E1E6AC-51A7-321B-AD27-059C19AEE425> /System/Library/PrivateFrameworks/  
CoreAVCHD.framework/Versions/A/CoreAVCHD  
0x7fff3116b000 - 0x7fff312bafff com.apple.FileProvider (349.141.2.700.1 - 349.141.2.700.1)  
<8A840A12-246F-36D5-ADAC-DEE495B068FF> /System/Library/Frameworks/  
FileProvider.framework/Versions/A/FileProvider  
0x7fff312bb000 - 0x7fff312ddfff com.apple.GenerationalStorage (2.0 - 323)  
<A5B45271-8338-3884-AFA9-0DDEB7C8D2E5> /System/Library/PrivateFrameworks/  
GenerationalStorage.framework/Versions/A/GenerationalStorage  
0x7fff319b6000 - 0x7fff319d1fff com.apple.ExtensionKit (19.4 - 19.4) <3D8624C1-  
F1B4-3C35-94CB-6DABBAD9C57C> /System/Library/PrivateFrameworks/  
ExtensionKit.framework/Versions/A/ExtensionKit  
0x7fff319d2000 - 0x7fff319d8fff com.apple.ExtensionFoundation (19.4 - 19.4)  
<5AFFB8B7-6E22-37A9-9532-9E819057024E> /System/Library/PrivateFrameworks/  
ExtensionFoundation.framework/Versions/A/ExtensionFoundation  
0x7fff31b27000 - 0x7fff31b66fff com.apple.AppleVPAAFramework (3.26.1 - 3.26.1)  
<C3FE5C23-5F60-314D-982B-1220E31630F9> /System/Library/PrivateFrameworks/  
AppleVPA.framework/Versions/A/AppleVPA  
0x7fff31c19000 - 0x7fff31c54fff com.apple.DebugSymbols (195.1 - 195.1)  
<CE654754-3ECE-3E2C-9194-5AE0CF9C3BE9> /System/Library/PrivateFrameworks/  
DebugSymbols.framework/Versions/A/DebugSymbols  
0x7fff31c55000 - 0x7fff31d0afff com.apple.CoreSymbolication (12.5 - 64544.81.1)  
<47B26D54-12C1-32BF-BF40-062AAEB11699> /System/Library/PrivateFrameworks/  
CoreSymbolication.framework/Versions/A/CoreSymbolication  
0x7fff31d0b000 - 0x7fff31d14fff com.apple.CoreTime (284.0.4) <28FC6634-B10D-3C3A-  
A82B-9FD35A4EFA5D> /System/Library/PrivateFrameworks/CoreTime.framework/Versions/A/  
CoreTime  
0x7fff32c19000 - 0x7fff32c7cfff com.apple.framework.Apple80211 (17.0 - 1728)  
<9C381425-3738-3E47-B32C-B66ACF7B7FE8> /System/Library/PrivateFrameworks/  
Apple80211.framework/Versions/A/Apple80211  
0x7fff32c7d000 - 0x7fff32dcefff com.apple.CoreWiFi (3.0 - 341)  
<70C6B86C-96C5-3FE0-90AA-C13AAE870524> /System/Library/PrivateFrameworks/  
CoreWiFi.framework/Versions/A/CoreWiFi  
0x7fff32dea000 - 0x7fff32e21fff com.apple.LDAPFramework (2.4.28 - 194.5)  
<A6A23188-4E78-324D-AC83-4D1B369CDA8B> /System/Library/Frameworks/LDAP.framework/  
Versions/A/LDAP  
0x7fff32e22000 - 0x7fff32e23fff com.apple.TrustEvaluationAgent (2.0 - 35)  
<C15D3431-4020-38D7-9677-79168A19CF98> /System/Library/PrivateFrameworks/  
TrustEvaluationAgent.framework/Versions/A/TrustEvaluationAgent

0x7fff32e24000 - 0x7fff32f29fff libcrypto.44.dylib (56.60.4)  
<315105B0-9082-3E3E-9712-59041639F2B0> /usr/lib/libcrypto.44.dylib  
0x7fff32f2a000 - 0x7fff32f57fff libssl.46.dylib (56.60.4)  
<DD65496C-2F6C-33F1-8A10-188BD25B72D2> /usr/lib/libssl.46.dylib  
0x7fff32f58000 - 0x7fff33007fff com.apple.DiskImagesFramework (595.140.1 - 595.140.1)  
<74EB2DC2-B200-3EC5-AF0D-B65462505D72> /System/Library/PrivateFrameworks/  
DiskImages.framework/Versions/A/DiskImages  
0x7fff3303f000 - 0x7fff3304efff com.apple.RemoteServiceDiscovery (1.0 - 1.120.1)  
<770FE929-BBEB-37E0-9BF1-288A41809A4A> /System/Library/PrivateFrameworks/  
RemoteServiceDiscovery.framework/Versions/A/RemoteServiceDiscovery  
0x7fff330ac000 - 0x7fff330affff com.apple.help (1.3.8 - 71) <745DA416-7B89-391F-9D7B-  
EBD78DB63056> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/  
Help.framework/Versions/A/Help  
0x7fff330b0000 - 0x7fff330b7fff com.apple.EFILogin (2.0 - 2) <5379A1B7-201D-333C-  
BCF5-005C4B30EE14> /System/Library/PrivateFrameworks/EFILogin.framework/Versions/A/  
EFILogin  
0x7fff330b8000 - 0x7fff330c3fff libcsfde.dylib (554.140.2) <71B9E18E-  
B9B1-3E17-933E-64ADF6F7B5D7> /usr/lib/libcsfde.dylib  
0x7fff330c4000 - 0x7fff3313dfff libcurl.4.dylib (121.140.1.701.1)  
<657F9DE5-7F3C-3C4A-9A26-D1A531F61509> /usr/lib/libcurl.4.dylib  
0x7fff3313e000 - 0x7fff33145fff com.apple.LoginUIKitCore (4.0 - 4.0) <4D4C9A7E-7E09-3BFF-  
A080-805AAAD8287F> /System/Library/PrivateFrameworks/LoginUIKit.framework/Versions/A/  
Frameworks/LoginUIKitCore.framework/Versions/A/LoginUIKitCore  
0x7fff33315000 - 0x7fff33315fff com.apple.ApplicationServices (48 - 50) <59E17F70-  
AB03-320D-B955-8F87F2C40898> /System/Library/Frameworks/ApplicationServices.framework/  
Versions/A/ApplicationServices  
0x7fff3362a000 - 0x7fff3362afff libHeimdalProxy.dylib (79) <69042CA5-  
B0DE-392D-8B32-51446EA228C5> /System/Library/Frameworks/Kerberos.framework/Versions/  
A/Libraries/libHeimdalProxy.dylib  
0x7fff336dd000 - 0x7fff336ddfff com.apple.audio.units.AudioUnit (1.14 - 1.14)  
<1A2C9DDE-749F-3134-9F0A-2BC6C4E08AC0> /System/Library/Frameworks/  
AudioUnit.framework/Versions/A/AudioUnit  
0x7fff33786000 - 0x7fff3378bfff com.apple.PushKit (1.0 - 1) <FDBA00A7-699D-3BF7-  
A038-13FC6F384E42> /System/Library/Frameworks/PushKit.framework/Versions/A/PushKit  
0x7fff3378c000 - 0x7fff337bffff com.apple.C2 (1.3 - 573)  
<83D1DC55-8A4A-39A6-8850-243044E35DD4> /System/Library/PrivateFrameworks/  
C2.framework/Versions/A/C2  
0x7fff346ae000 - 0x7fff346fefff com.apple.ChunkingLibrary (334.1 - 334.1)  
<EE9D29D9-4BA8-3B6D-9AEC-5C9A90FD8AD2> /System/Library/PrivateFrameworks/  
ChunkingLibrary.framework/Versions/A/ChunkingLibrary  
0x7fff34f5c000 - 0x7fff34f5efff com.apple.ConstantClasses (1.0 - 1) <1D70F38F-  
BAAF-37C2-9C3C-8FBEAADB5F85> /System/Library/PrivateFrameworks/  
ConstantClasses.framework/Versions/A/ConstantClasses  
0x7fff34fe1000 - 0x7fff3504cfff com.apple.audio.midi.CoreMIDI (2.0 - 88)  
<EBC0D7E2-7AF2-3CC8-BF26-FB1FBFFDDE3E> /System/Library/Frameworks/  
CoreMIDI.framework/Versions/A/CoreMIDI  
0x7fff35112000 - 0x7fff35115fff com.apple.Cocoa (6.11 - 23) <EC936D1A-AFF9-35F7-  
B82B-CCDB4C3A04A1> /System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa  
0x7fff36548000 - 0x7fff36578fff libtidy.A.dylib (18.2) <864F6C8B-F273-37C5-82F5-  
E7D645A33B90> /usr/lib/libtidy.A.dylib  
0x7fff3659a000 - 0x7fff365adfff com.apple.Engram (1.0 - 1) <238A4F38-B4EF-33C1-B71E-  
BE6462921F8D> /System/Library/PrivateFrameworks/Engram.framework/Versions/A/Engram  
0x7fff365ae000 - 0x7fff365d1fff com.apple.openscripting (1.7 - 190.1) <D0430B21-  
C855-3DE4-A512-0708FC1CB9AE> /System/Library/Frameworks/Carbon.framework/Versions/A/  
Frameworks/OpenScripting.framework/Versions/A/OpenScripting  
0x7fff365d2000 - 0x7fff365d5fff com.apple.securityhi (9.0 - 55008)  
<4A0776E2-2CA9-3EFE-8653-1E96644D9B43> /System/Library/Frameworks/Carbon.framework/  
Versions/A/Frameworks/SecurityHI.framework/Versions/A/SecurityHI

0x7fff365d6000 - 0x7fff365d9fff com.apple.ink.framework (10.15 - 227) <FDCF3900-B1C0-32E2-8C9B-C8E6D43B1374> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Ink.framework/Versions/A/Ink

0x7fff365da000 - 0x7fff365ddfff com.apple.CommonPanels (1.2.6 - 101) <5A909E1B-3060-3C41-8B93-EB2CAD9BAA61> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/CommonPanels.framework/Versions/A/CommonPanels

0x7fff365de000 - 0x7fff365e5fff com.apple.ImageCapture (1711.5.2.1 - 1711.5.2.1) <321754DF-D200-39D3-A184-FF13D4802A70> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/A/ImageCapture

0x7fff38d52000 - 0x7fff38d52fff com.apple.marco (10.0 - 1000) <41A68210-9468-3F31-B16D-B7B72AE479C0> /System/Library/PrivateFrameworks/Marco.framework/Versions/A/Marco

0x7fff3940e000 - 0x7fff3941cfff com.apple.accessibility.AXCoreUtilities (1.0 - 1) <A29D2D7D-C252-356C-AFEF-F9D45BD963C6> /System/Library/PrivateFrameworks/AXCoreUtilities.framework/Versions/A/AXCoreUtilities

0x7fff3941d000 - 0x7fff39434fff libAccessibility.dylib (2885.49.1) <A93FC701-CC65-3154-B595-4F3A5F288A79> /usr/lib/libAccessibility.dylib

0x7fff3cb3a000 - 0x7fff3cb3dfff com.apple.print.framework.Print (15 - 271) <C3581434-D285-320A-977F-77070BFC5F3B> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Print.framework/Versions/A/Print

0x7fff3cb3e000 - 0x7fff3cb41fff com.apple.Carbon (160 - 164) <C916A7BB-B2B4-3248-B3EA-5A59C066D68B> /System/Library/Frameworks/Carbon.framework/Versions/A/Carbon

0x7fff3cdf4000 - 0x7fff3ce13fff com.apple.private.SystemPolicy (1.0 - 1) <89781097-BA30-3186-B368-3830D1FE4FC0> /System/Library/PrivateFrameworks/SystemPolicy.framework/Versions/A/SystemPolicy

0x7fff3cf60000 - 0x7fff3cfb6fff com.apple.AccessibilitySharedSupport (1.0 - 1) <C4FB3D94-D6B9-37A4-9D8A-415DC2A236D7> /System/Library/PrivateFrameworks/AccessibilitySharedSupport.framework/Versions/A/AccessibilitySharedSupport

0x7fff3d731000 - 0x7fff3d73cfff com.apple.MallocStackLogging (1.0 - 1) <291B4FD0-38AF-3075-AACE-E632AC32D915> /System/Library/PrivateFrameworks/MallocStackLogging.framework/Versions/A/MallocStackLogging

0x7fff3d751000 - 0x7fff3d763fff libmis.dylib (274.140.2) <D8990A31-A5AE-3535-BE5E-3EE9A8D0C9F9> /usr/lib/libmis.dylib

0x7fff3fdd4000 - 0x7fff3fe51fff com.apple.TextInput (1.0 - 1.0) <177BC119-8BE7-3091-9017-AC5500DC82C2> /System/Library/PrivateFrameworks/TextInput.framework/Versions/A/TextInput

0x7fff41415000 - 0x7fff41433fff libCGInterfaces.dylib (544.6) <91BB95A8-5FD1-30DF-9B9C-D93C8F2A3F57> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/Libraries/libCGInterfaces.dylib

0x7fff47b3d000 - 0x7fff47b7efff com.apple.osanalytics.OSAnalytics (1.0 - 1) <4A29103B-7A09-313F-9406-F21F29DAB78E> /System/Library/PrivateFrameworks/OSAnalytics.framework/Versions/A/OSAnalytics

0x7fff515d0000 - 0x7fff515fdfff com.apple.HelpData (2.3 - 201.1) <D20FDF65-560B-3563-9CE4-F6EFD68FEEB3> /System/Library/PrivateFrameworks/HelpData.framework/Versions/A/HelpData

0x7fff515fe000 - 0x7fff51618fff com.apple.shortcut (2.16 - 118) <6EEDEF60-40C5-3164-88D3-87CB8D081F39> /System/Library/PrivateFrameworks/Shortcut.framework/Versions/A/Shortcut

0x7fff51619000 - 0x7fff516b8fff com.apple.Symbolication (12.5 - 64544.70.3) <7AFDB643-479C-37EE-BE8F-DD67EE9A3D94> /System/Library/PrivateFrameworks/Symbolication.framework/Versions/A/Symbolication

0x7fff5cef2000 - 0x7fff5cf01fff libSimplifiedChineseConverter.dylib (90) <457E6290-B8E9-3881-8323-80E49B33DFF3> /System/Library/CoreServices/Encodings/libSimplifiedChineseConverter.dylib

0x7fff6bab3000 - 0x7fff6bab9fff libCoreFSCache.dylib (200.12) <B6360761-3B05-35AE-8E0C-F819414FD093> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCoreFSCache.dylib

```

0x7fff6baba000 - 0x7fff6babefff libCoreVMClient.dylib (200.12)
<4D617E02-85B8-3BC2-82FE-5CEA77809181> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Libraries/libCoreVMClient.dylib
0x7fff6babf000 - 0x7fff6bacefff com.apple.opengl (18.5.9 - 18.5.9) <610E765C-8C0D-3422-
AD6E-636D3EBD2AD0> /System/Library/Frameworks/OpenGL.framework/Versions/A/OpenGL
0x7fff6bacf000 - 0x7fff6bad1fff libCVMSPPluginSupport.dylib (18.5.9)
<C7B33518-2685-3985-ABCB-FC3B0105748C> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Libraries/libCVMSPPluginSupport.dylib
0x7fff6bad2000 - 0x7fff6badaff libGFXShared.dylib (18.5.9) <AD53ED9A-
C694-3EF4-863E-898E88F6D84C> /System/Library/Frameworks/OpenGL.framework/Versions/A/
Libraries/libGFXShared.dylib
0x7fff6badb000 - 0x7fff6bb0eff libGLImage.dylib (18.5.9) <6C478ED9-E513-3E43-B9F1-
D15A20A0EE85> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/
libGLImage.dylib
0x7fff6bb0f000 - 0x7fff6bb4bfff libGLU.dylib (18.5.9) <D5473328-FD13-36A5-9CAC-
CF4F59CDAA29> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/
libGLU.dylib
0x7fff6bce0000 - 0x7fff6bceaff libGL.dylib (18.5.9) <08A0476A-D04F-3816-
AA4D-11EC2467F748> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/
libGL.dylib
0x7fff6d12a000 - 0x7fff6d182fff com.apple.opencl (4.6 - 4.6) <8C87D26C-12C6-33E8-
AE32-45B699667DB3> /System/Library/Frameworks/OpenCL.framework/Versions/A/OpenCL
0x7fff77719000 - 0x7fff77720fff libRosetta.dylib (203.58) <AC9E8A76-FCAA-3F97-802A-
D22EF770463B> /usr/lib/libRosetta.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: 0
thread_create: 0
thread_set_state: 0

```

VM Region Summary:

ReadOnly portion of Libraries: Total=749.5M resident=0K(0%)

swapped\_out\_or\_unallocated=749.5M(100%)

Writable regions: Total=1.4G written=0K(0%) resident=0K(0%) swapped\_out=0K(0%)

unallocated=1.4G(100%)

REGION TYPE	VIRTUAL REGION	
	SIZE	COUNT (non-coalesced)
=====	=====	=====
Accelerate framework	256K	2
Activity Tracing	256K	1
CG backing stores	2880K	6
CG image	32.7M	40
CG raster data	47.9M	4
CoreAnimation	4636K	19
CoreGraphics	12K	2
CoreUI image data	1948K	16
Foundation	16K	1
Kernel Alloc Once	8K	1
MALLOC	912.7M	321
MALLOC guard page	32K	6

MALLOC_NANO (reserved)	384.0M	1	reserved VM address space (unallocated)
STACK GUARD	56.1M	33	
Stack	61.3M	33	
VM_ALLOCATE	128K	23	
__DATA	14.9M	365	
__DATA_CONST	15.3M	219	
__DATA_DIRTY	784K	117	
__FONT_DATA	4K	1	
__LINKEDIT	502.3M	48	
__OBJC_RO	70.3M	1	
__OBJC_RW	2496K	2	
__TEXT	247.4M	369	
__UNICODE	588K	1	
mapped file	554.0M	66	
shared memory	752K	14	
=====	=====	=====	
TOTAL	2.8G	1712	
TOTAL, minus reserved VM space	2.5G	1712	

Model: MacBookPro11,1, BootROM 478.0.0.0.0, 2 processors, Dual-Core Intel Core i5, 2,6 GHz, 8 GB, SMC 2.16f68

Graphics: kHW\_IntelIrisItem, Intel Iris, spdisplays\_builtin

Memory Module: BANK 0/DIMM0, 4 GB, DDR3, 1600 MHz, 0x80AD, 0x484D54343531533641465238412D50422020

Memory Module: BANK 1/DIMM0, 4 GB, DDR3, 1600 MHz, 0x80AD, 0x484D54343531533641465238412D50422020

AirPort: spairport\_wireless\_card\_type\_airport\_extreme (0x14E4, 0x112), Broadcom BCM43xx 1.0 (7.77.111.1 AirPortDriverBrcmNIC-1680.11)

Bluetooth: Version 8.0.5d7, 3 services, 27 devices, 1 incoming serial ports

Network Service: Wi-Fi, AirPort, en0

Serial ATA Device: APPLE SSD SD0128F, 121,33 GB

USB Device: USB 3.0 Bus

USB Device: Apple Internal Keyboard / Trackpad

USB Device: BRCM20702 Hub

USB Device: Bluetooth USB Host Controller

USB Device: USB 2.0 Hub

USB Device: USB Keyboard

USB Device: DMX USB PRO

Thunderbolt Bus: MacBook Pro, Apple Inc., 17.2