

Process: OOTP Baseball 22 [10616]
Path: /Applications/OOTP Baseball
22.app/Contents/MacOS/OOTP Baseball 22
Identifier: com.ootpdevelopments.ootp22macqlm
Version: 22.3.42 (42)
Code Type: X86-64 (Native)
Parent Process: ??? [1]
Responsible: OOTP Baseball 22 [10616]
User ID: 501

Date/Time: 2021-04-26 18:01:10.204 -0700
OS Version: macOS 11.2.3 (20D91)
Report Version: 12
Anonymous UUID: 1C516E62-7272-AC43-5822-C847B4FB7855

Sleep/Wake UUID: D772B8A1-6274-447C-848A-0EAD7151907C

Time Awake Since Boot: 100000 seconds
Time Since Wake: 1100 seconds

System Integrity Protection: enabled

Crashed Thread: 1

Exception Type: EXC_BAD_ACCESS (SIGBUS)
Exception Codes: KERN_PROTECTION_FAILURE at
0x0000700007473000
Exception Note: EXC_CORPSE_NOTIFY

Termination Signal: Bus error: 10
Termination Reason: Namespace SIGNAL, Code 0xa
Terminating Process: exc handler [10616]

VM Regions Near 0x700007473000:

Stack 7000073f1000-700007473000 [520K]
rw-/rwx SM=COW thread 1
--> STACK GUARD 700007473000-700007474000 [4K]
---/rwx SM=NUL stack guard for thread 2
Stack 700007474000-7000074f6000 [520K]
rw-/rwx SM=COW thread 2

Thread 0:: Dispatch queue: com.apple.main-thread
0 libsystem_kernel.dylib 0x00007fff20316e7e
mach_msg_trap + 10
1 libsystem_kernel.dylib 0x00007fff203171f0 mach_msg +
60
2 com.apple.CoreFoundation 0x00007fff20443bf7
__CFRunLoopServiceMachPort + 316

```

3   com.apple.CoreFoundation          0x00007fff204422ca
   __CFRunLoopRun + 1315
4   com.apple.CoreFoundation          0x00007fff204416ce
   CFRunLoopRunSpecific + 563
5   com.apple.HIToolbox               0x00007fff286c9630
   RunCurrentEventLoopInMode + 292
6   com.apple.HIToolbox               0x00007fff286c942c
   ReceiveNextEventCommon + 709
7   com.apple.HIToolbox               0x00007fff286c914f
   _BlockUntilNextEventMatchingListInModeWithFilter + 64
8   com.apple.AppKit                  0x00007fff22c619b1
   _DPSNextEvent + 883
9   com.apple.AppKit                  0x00007fff22c60177 -
   [NSApplication(NSEvent)
   _nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1366
10  com.apple.AppKit                  0x00007fff22c5268a -
   [NSApplication run] + 586
11  com.oootpdevelopments.ootp22macqlm 0x0000000010af9730c
   0x10aela000 + 1561356
12  libdyld.dylib                     0x00007fff20366621 start + 1

```

Thread 1 Crashed:

```

0   libsystem_platform.dylib          0x00007fff2038d0a9
   _platform_memmove$VARIANT$Haswell + 41
1   com.oootpdevelopments.ootp22macqlm 0x0000000010af8df44
   0x10aela000 + 1523524
2   com.oootpdevelopments.ootp22macqlm 0x0000000010af8dd76
   0x10aela000 + 1523062
3   ???                                0x000000000010afcfcfb 0 +
   17497339

```

Thread 2:: com.apple.NSEventThread

```

0   libsystem_kernel.dylib            0x00007fff20316e7e
   mach_msg_trap + 10
1   libsystem_kernel.dylib            0x00007fff203171f0 mach_msg +
   60
2   com.apple.CoreFoundation          0x00007fff20443bf7
   __CFRunLoopServiceMachPort + 316
3   com.apple.CoreFoundation          0x00007fff204422ca
   __CFRunLoopRun + 1315
4   com.apple.CoreFoundation          0x00007fff204416ce
   CFRunLoopRunSpecific + 563
5   com.apple.AppKit                  0x00007fff22de77c6
   _NSEventThread + 124
6   libsystem_pthread.dylib            0x00007fff2034b950
   _pthread_start + 224
7   libsystem_pthread.dylib            0x00007fff2034747b
   thread_start + 15

```

Thread 3:

```
0  libsystem_kernel.dylib          0x00007fff203198e2
   __psynch_cvwait + 10
1  libsystem_pthread.dylib          0x00007fff2034be6f
   _pthread_cond_wait + 1254
2  libc++.1.dylib                  0x00007fff202b2cf2
   std::__1::condition_variable::wait(std::__1::unique_lock<std::__1::mutex>&) + 18
3  com.ootpdevelopments.ootp22macqlm 0x000000010c9367eb
   0x10aela000 + 28428267
4  com.ootpdevelopments.ootp22macqlm 0x000000010aeca911
   0x10aela000 + 723217
5  libsystem_pthread.dylib          0x00007fff2034b950
   _pthread_start + 224
6  libsystem_pthread.dylib          0x00007fff2034747b
   thread_start + 15
```

Thread 4:

```
0  libsystem_kernel.dylib          0x00007fff203198e2
   __psynch_cvwait + 10
1  libsystem_pthread.dylib          0x00007fff2034be6f
   _pthread_cond_wait + 1254
2  libc++.1.dylib                  0x00007fff202b2cf2
   std::__1::condition_variable::wait(std::__1::unique_lock<std::__1::mutex>&) + 18
3  com.ootpdevelopments.ootp22macqlm 0x000000010c9367eb
   0x10aela000 + 28428267
4  com.ootpdevelopments.ootp22macqlm 0x000000010aeca911
   0x10aela000 + 723217
5  libsystem_pthread.dylib          0x00007fff2034b950
   _pthread_start + 224
6  libsystem_pthread.dylib          0x00007fff2034747b
   thread_start + 15
```

Thread 5:

```
0  libsystem_kernel.dylib          0x00007fff203198e2
   __psynch_cvwait + 10
1  libsystem_pthread.dylib          0x00007fff2034be6f
   _pthread_cond_wait + 1254
2  libc++.1.dylib                  0x00007fff202b2cf2
   std::__1::condition_variable::wait(std::__1::unique_lock<std::__1::mutex>&) + 18
3  com.ootpdevelopments.ootp22macqlm 0x000000010c9367eb
   0x10aela000 + 28428267
4  com.ootpdevelopments.ootp22macqlm 0x000000010aeca911
   0x10aela000 + 723217
```

```
5  libsystem_pthread.dylib          0x00007fff2034b950
   _pthread_start + 224
6  libsystem_pthread.dylib          0x00007fff2034747b
   thread_start + 15
```

Thread 6:

```
0  libsystem_kernel.dylib           0x00007fff203198e2
   __psynch_cvwait + 10
1  libsystem_pthread.dylib          0x00007fff2034be6f
   _pthread_cond_wait + 1254
2  libc++.1.dylib                   0x00007fff202b2cf2
   std::__1::condition_variable::wait(std::__1::unique_lock<std::__1::mutex>&) + 18
3  com.ootpdevelopments.ootp22macqlm 0x000000010c9367eb
   0x10aela000 + 28428267
4  com.ootpdevelopments.ootp22macqlm 0x000000010aeca911
   0x10aela000 + 723217
5  libsystem_pthread.dylib          0x00007fff2034b950
   _pthread_start + 224
6  libsystem_pthread.dylib          0x00007fff2034747b
   thread_start + 15
```

Thread 7:

```
0  libsystem_kernel.dylib           0x00007fff203198e2
   __psynch_cvwait + 10
1  libsystem_pthread.dylib          0x00007fff2034be6f
   _pthread_cond_wait + 1254
2  libc++.1.dylib                   0x00007fff202b2cf2
   std::__1::condition_variable::wait(std::__1::unique_lock<std::__1::mutex>&) + 18
3  com.ootpdevelopments.ootp22macqlm 0x000000010c9367eb
   0x10aela000 + 28428267
4  com.ootpdevelopments.ootp22macqlm 0x000000010aeca911
   0x10aela000 + 723217
5  libsystem_pthread.dylib          0x00007fff2034b950
   _pthread_start + 224
6  libsystem_pthread.dylib          0x00007fff2034747b
   thread_start + 15
```

Thread 8:

```
0  libsystem_kernel.dylib           0x00007fff203198e2
   __psynch_cvwait + 10
1  libsystem_pthread.dylib          0x00007fff2034be6f
   _pthread_cond_wait + 1254
2  libc++.1.dylib                   0x00007fff202b2cf2
   std::__1::condition_variable::wait(std::__1::unique_lock<std::__1::mutex>&) + 18
```

```

3   com.ootpdevelopments.ootp22macqlm    0x0000000010c9367eb
0x10aela000 + 28428267
4   com.ootpdevelopments.ootp22macqlm    0x0000000010aeca911
0x10aela000 + 723217
5   libsystem_pthread.dylib              0x00007fff2034b950
_pthread_start + 224
6   libsystem_pthread.dylib              0x00007fff2034747b
thread_start + 15

```

Thread 9:

```

0   libsystem_kernel.dylib              0x00007fff20316ed2
semaphore_timedwait_trap + 10
1   libdispatch.dylib                  0x00007fff201a0cda
_dispatch_sema4_timedwait + 76
2   libdispatch.dylib                  0x00007fff201a1106
_dispatch_semaphore_wait_slow + 58
3   com.ootpdevelopments.ootp22macqlm    0x0000000010bb6627d
0x10aela000 + 13943421
4   com.ootpdevelopments.ootp22macqlm    0x0000000010bb17279
0x10aela000 + 13619833
5   com.ootpdevelopments.ootp22macqlm    0x0000000010bb173dc
0x10aela000 + 13620188
6   libsystem_pthread.dylib              0x00007fff2034b950
_pthread_start + 224
7   libsystem_pthread.dylib              0x00007fff2034747b
thread_start + 15

```

Thread 10:

```

0   libsystem_kernel.dylib              0x00007fff20316ed2
semaphore_timedwait_trap + 10
1   libdispatch.dylib                  0x00007fff201a0cda
_dispatch_sema4_timedwait + 76
2   libdispatch.dylib                  0x00007fff201a1106
_dispatch_semaphore_wait_slow + 58
3   com.ootpdevelopments.ootp22macqlm    0x0000000010bb6627d
0x10aela000 + 13943421
4   com.ootpdevelopments.ootp22macqlm    0x0000000010bb16690
0x10aela000 + 13616784
5   com.ootpdevelopments.ootp22macqlm    0x0000000010bb16ae5
0x10aela000 + 13617893
6   libsystem_pthread.dylib              0x00007fff2034b950
_pthread_start + 224
7   libsystem_pthread.dylib              0x00007fff2034747b
thread_start + 15

```

Thread 11:

```

0   libsystem_kernel.dylib              0x00007fff203198e2
__psynch_cvwait + 10

```

```

1  libsystem_pthread.dylib          0x00007fff2034be6f
   _pthread_cond_wait + 1254
2  libc++.1.dylib                  0x00007fff202b2d83
   std::__1::condition_variable::__do_timed_wait(std::__1::unique_lo
   cks<std::__1::mutex>&,
   std::__1::chrono::time_point<std::__1::chrono::system_clock,
   std::__1::chrono::duration<long long, std::__1::ratio<1l,
   1000000000l> > >) + 93
3  com.ootpdevelopments.ootp22macqlm 0x0000000010b9dad1e
   0x10aela000 + 12324126
4  com.ootpdevelopments.ootp22macqlm 0x0000000010b9dabfd void*
   std::__1::__thread_proxy<std::__1::tuple<std::__1::unique_ptr<st
   d::__1::__thread_struct,
   std::__1::default_delete<std::__1::__thread_struct> >,
   IoThreadHolder::Start():>'lambda'(> >)(void*) + 45
5  libsystem_pthread.dylib          0x00007fff2034b950
   _pthread_start + 224
6  libsystem_pthread.dylib          0x00007fff2034747b
   thread_start + 15

```

Thread 12:: AMCP Logging Spool

```

0  libsystem_kernel.dylib          0x00007fff20316eba
   semaphore_wait_trap + 10
1  com.apple.audio.caulk           0x00007fff2844992a
   caulk::mach::semaphore::wait_or_error() + 16
2  com.apple.audio.caulk           0x00007fff284366e6
   caulk::semaphore::timed_wait(double) + 110
3  com.apple.audio.caulk           0x00007fff28436634
   caulk::concurrent::details::worker_thread::run() + 30
4  com.apple.audio.caulk           0x00007fff284363c0 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          0x00007fff2034b950
   _pthread_start + 224
6  libsystem_pthread.dylib          0x00007fff2034747b
   thread_start + 15

```

Thread 13:: com.apple.audio.IOThread.client

```

0  libsystem_kernel.dylib          0x00007fff20316e7e
   mach_msg_trap + 10
1  libsystem_kernel.dylib          0x00007fff203171f0 mach_msg +
   60
2  com.apple.audio.CoreAudio        0x00007fff21e3add5
   HALB_MachPort::SendMessageWithSimpleReply(unsigned int,
   unsigned int, int, int&, bool, unsigned int) + 111

```

```

3   com.apple.audio.CoreAudio      0x00007fff21cd6467 invocation
function for block in
HALC_ProxyIOContext::HALC_ProxyIOContext(unsigned int, unsigned
int) + 3435
4   com.apple.audio.CoreAudio      0x00007fff21e79f2a
HALB_IOThread::Entry(void*) + 72
5   libsystem_pthread.dylib        0x00007fff2034b950
_pthread_start + 224
6   libsystem_pthread.dylib        0x00007fff2034747b
thread_start + 15

```

Thread 14:

```

0   libsystem_pthread.dylib        0x00007fff20347458
start_wqthread + 0

```

Thread 1 crashed with X86 Thread State (64-bit):

```

   rax: 0x000070000746e368   rbx: 0x0000000000000004   rcx:
0x000000000ffffb5e5   rdx: 0x000000000fffffec
   rdi: 0x0000700007472d6f   rsi: 0x0000700007473000   rbp:
0x000070000746e2a0   rsp: 0x000070000746e2a0
   r8: 0x000070000746e368   r9: 0x000070000746e470   r10:
0x0000600003b6c298   r11: 0xfffffffffffffd6f
   r12: 0x000070000746e364   r13: 0x000070000746e35c   r14:
0x000000000fffffec   r15: 0x000070000746e470
   rip: 0x00007fff2038d0a9   rfl: 0x0000000000010202   cr2:
0x0000700007473000

```

```

Logical CPU:      1
Error Code:      0x00000004 (no mapping for user data read)
Trap Number:     14

```

Thread 1 instruction stream:

```

c1 48 83 c1 10 3d ff ff-00 00 74 db f7 d0 0f bc
.H...=.....t.....
c0 48 01 c1 48 0f b6 44-0f f0 4c 0f b6 44 0e f0
.H..H..D..L..D..
4c 29 c0 5d c3 90 90 90-90 90 90 90 90 90 90
L).].....
90 90 90 90 90 90 90 55-48 89 e5 49 89 fb 49 29
.....UH..I..I)
f3 48 89 f8 49 39 d3 72-1b 48 83 fa 60 76 2f 48
.H..I9.r.H..`v/H
81 fa 00 40 00 00 0f 82-cb 00 00 00 48 89 d1 fc
...@.....H...
[f3]a4 5d c3 48 39 fe 74-f9 48 01 d6 48 01 d7 48
..].H9.t.H..H..H   <==
83 fa 60 0f 82 8c 01 00-00 e9 a9 01 00 00 48 83
..`.....H.

```

```

fa 10 76 56 c5 f8 10 4c-16 f0 48 83 ea 20 76 2a  ..vV...L..H..
v*
c5 fc 10 06 c5 fc 11 07-48 83 c6 20 48 83 c7 20  ....H..
H..
48 83 ea 20 72 14 c5 fc-10 06 c5 fc 11 07 48 83  H..
r.....H.
c6 20 48 83 c7 20 48 83-ea 20 48 83 c2 10 7e 0c  . H.. H..
H...~.

```

Thread 1 last branch register state not available.

Binary Images:

```

0x10a00000 - 0x10cf79fff
+com.ootpdevelopments.ootp22macqlm (22.3.42 - 42) <85410F8D-
165C-3AD7-BFB7-747962135A6A> /Applications/OOTP Baseball
22.app/Contents/MacOS/OOTP Baseball 22
0x10f770000 - 0x10f777fff
com.apple.audio.AppleHDAHALPlugIn (283.15 - 283.15) <D73F0F5F-
5ECF-3392-B621-AE75EC8BEC02>
/System/Library/Extensions/AppleHDA.kext/Contents/PlugIns/AppleH
DAHALPlugIn.bundle/Contents/MacOS/AppleHDAHALPlugIn
0x10f788000 - 0x10f8ebfff
com.apple.audio.units.Components (1.14 - 1.14) <8C3B07AD-A96B-
383A-94DC-902CCE4CD511>
/System/Library/Components/CoreAudio.component/Contents/MacOS/Co
reAudio
0x112543000 - 0x112552fff libobjc-
trampolines.dylib (818.2) <29187EF9-2BD6-3ABF-8088-DE708721B612>
/usr/lib/libobjc-trampolines.dylib
0x1126ad000 - 0x1127b0fff
com.apple.AMDRadeonX4000GLDriver (4.2.15 - 4.0.2) <1BEB9469-
2071-3976-9823-A65AFA195A13>
/System/Library/Extensions/AMDRadeonX4000GLDriver.bundle/Content
s/MacOS/AMDRadeonX4000GLDriver
0x114335000 - 0x1143d0fff dyld (832.7.3)
<0D4EA85F-7E30-338B-9215-314A5A5539B6> /usr/lib/dyld
0x11b0a9000 - 0x11b658fff
com.apple.audio.AudioDSPComponents (1.0 - 1) <1A7FCA3F-190C-
32F0-A48D-1524A11B0910>
/System/Library/Components/AudioDSP.component/Contents/MacOS/Aud
ioDSP
0x7fff20080000 - 0x7fff20081fff libsystem_blocks.dylib
(78) <E644CAA0-65B7-36E4-8041-520F3301F3DB>
/usr/lib/system/libsystem_blocks.dylib
0x7fff20082000 - 0x7fff200b7fff libxpc.dylib
(2038.80.3) <70F26262-01AA-3CEC-9FAD-2701D24096F0>
/usr/lib/system/libxpc.dylib

```

```

    0x7fff200b8000 -      0x7fff200cffff  libsystem_trace.dylib
(1277.80.2) <87FEF600-48D9-31C9-B8FC-D5249B2AE95D>
/usr/lib/system/libsystem_trace.dylib
    0x7fff200d0000 -      0x7fff2016ffff  libcorecrypto.dylib
(1000.80.5) <1EB11CFB-ABD7-36DD-97C7-C112A6601416>
/usr/lib/system/libcorecrypto.dylib
    0x7fff20170000 -      0x7fff2019cfff  libsystem_malloc.dylib
(317.40.8) <A498D1EF-E43D-310C-84E8-9C0AADA0C475>
/usr/lib/system/libsystem_malloc.dylib
    0x7fff2019d000 -      0x7fff201e1fff  libdispatch.dylib
(1271.40.12) <AD988EEA-1A2F-3404-9A6E-390FC2504223>
/usr/lib/system/libdispatch.dylib
    0x7fff201e2000 -      0x7fff2021afff  libobjc.A.dylib (818.2)
<EB6B543F-D42C-3FB2-A2EC-43407C5F80D3> /usr/lib/libobjc.A.dylib
    0x7fff2021b000 -      0x7fff2021dfff  libsystem_featureflags.dylib (28.60.1) <9CECB43A-094E-3CA9-B730-
24DEA1A6DE05> /usr/lib/system/libsystem_featureflags.dylib
    0x7fff2021e000 -      0x7fff202a6fff  libsystem_c.dylib
(1439.40.11) <4AF71812-4099-3E96-B271-1F259491A2B2>
/usr/lib/system/libsystem_c.dylib
    0x7fff202a7000 -      0x7fff202fcfff  libc++.1.dylib (904.4)
<B217D905-4F9C-3DE0-8844-88FAA3C2C851> /usr/lib/libc++.1.dylib
    0x7fff202fd000 -      0x7fff20315fff  libc++abi.dylib (904.4)
<3C9FE530-3CD2-3A64-8A36-70816AEBDF0D> /usr/lib/libc++abi.dylib
    0x7fff20316000 -      0x7fff20344fff  libsystem_kernel.dylib
(7195.81.3) <AB413518-ECDE-3F04-A61C-278D3CF43076>
/usr/lib/system/libsystem_kernel.dylib
    0x7fff20345000 -      0x7fff20350fff  libsystem_pthread.dylib
(454.80.2) <B989DF6C-ADFE-3AF9-9C91-07D2521F9E47>
/usr/lib/system/libsystem_pthread.dylib
    0x7fff20351000 -      0x7fff2038bfff  libdyld.dylib (832.7.3)
<4641E48F-75B5-3CC7-8263-47BF79F15394>
/usr/lib/system/libdyld.dylib
    0x7fff2038c000 -      0x7fff20395fff  libsystem_platform.dylib (254.80.2) <1C3E1A0A-92A8-3CDE-B622-
8940B43A5DF2> /usr/lib/system/libsystem_platform.dylib
    0x7fff20396000 -      0x7fff203c1fff  libsystem_info.dylib
(542.40.3) <0C96CFE8-71F5-3335-8423-581BC3DE5846>
/usr/lib/system/libsystem_info.dylib
    0x7fff203c2000 -      0x7fff2085dfff  com.apple.CoreFoundation (6.9 - 1774.101) <2A0E160E-9EE6-3B23-
8832-6979A16EC250>
/System/Library/Frameworks/CoreFoundation.framework/Versions/A/C
oreFoundation
    0x7fff2085e000 -      0x7fff20a8dfff  com.apple.LaunchServices (1122.11 - 1122.11) <9ACD5692-3B92-
3E6E-8B24-56ADCC911556>

```

```

/System/Library/Frameworks/CoreServices.framework/Versions/A/Fra
meworks/LaunchServices.framework/Versions/A/LaunchServices
    0x7fff20a8e000 -      0x7fff20b61fff
com.apple.gpusw.MetalTools (1.0 - 1) <B1FDD261-7707-3E20-A6C2-
99D9AF46356B>
/System/Library/PrivateFrameworks/MetalTools.framework/Versions/
A/MetalTools
    0x7fff20b62000 -      0x7fff20dc5fff  libBLAS.dylib
(1336.40.1) <92702864-A5C6-3E22-86F6-DB329532674A>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frame
works/vecLib.framework/Versions/A/libBLAS.dylib
    0x7fff20dc6000 -      0x7fff20e13fff  com.apple.Lexicon-
framework (1.0 - 86.1) <2F429EBD-1BD2-3057-B760-8A81546DBD6F>
/System/Library/PrivateFrameworks/Lexicon.framework/Versions/A/L
exicon
    0x7fff20e14000 -      0x7fff20e82fff  libSparse.dylib (106)
<B889DE4E-7356-3CC8-A13E-68D15E2024DF>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frame
works/vecLib.framework/Versions/A/libSparse.dylib
    0x7fff20e83000 -      0x7fff20f00fff
com.apple.SystemConfiguration (1.20 - 1.20) <3518EA0E-C32D-32CC-
81B9-0F3C83B6430C>
/System/Library/Frameworks/SystemConfiguration.framework/Version
s/A/SystemConfiguration
    0x7fff20f01000 -      0x7fff20f36fff  libCRFSuite.dylib (50)
<970D1F7B-5DBD-355F-80D8-C820AA1626D2>
/usr/lib/libCRFSuite.dylib
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(929.1.1) <102A0AD8-D119-340B-B652-B75F0AAB1C7E>
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    0x7fff2116f000 -      0x7fff214d2fff  com.apple.Foundation
(6.9 - 1774.101) <8D9081B3-3F6A-31A0-9B20-1AE5CD8DD747>
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ation
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936D-EC0F95BA3FB0>
/System/Library/PrivateFrameworks/LanguageModeling.framework/Ver
sions/A/LanguageModeling
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(231.3 - 231.3) <6DD6A260-800F-3284-842C-8E4CB9EA47FF>
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Display
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com.apple.audio.AudioToolboxCore (1.0 - 1180.25) <DEE2C5BA-BFD1-
349F-A10A-B10717BA8F7C>
/System/Library/PrivateFrameworks/AudioToolboxCore.framework/Ver
sions/A/AudioToolboxCore

```

0x7fff2196e000 - 0x7fff21b56fff com.apple.CoreText
 (677.3.0.4 - 677.3.0.4) <9A8DC9A0-1A80-3A26-ACA0-A245D3FFF921>
 /System/Library/Frameworks/CoreText.framework/Versions/A/CoreText

0x7fff21b57000 - 0x7fff221fbfff
 com.apple.audio.CoreAudio (5.0 - 5.0) <801E2D1E-7EA5-37DA-8F44-B6D7DD3CE5B9>
 /System/Library/Frameworks/CoreAudio.framework/Versions/A/CoreAudio

0x7fff221fc000 - 0x7fff2254dfff com.apple.security (7.0
 - 59754.80.3) <B377D7C7-EDB6-3737-B492-E9872F4C6469>
 /System/Library/Frameworks/Security.framework/Versions/A/Security

0x7fff2254e000 - 0x7fff227affff libicucore.A.dylib
 (66109) <8F8D8A8B-4EE0-3C09-9F45-725A1FBDD38C>
 /usr/lib/libicucore.A.dylib

0x7fff227b0000 - 0x7fff227b9fff libsystem_darwin.dylib
 (1439.40.11) <E016D8F7-C87F-36F8-B8A0-6A61B8E4BACB>
 /usr/lib/system/libsystem_darwin.dylib

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 com.apple.CoreServices.CarbonCore (1307 - 1307) <B857EADF-D517-34E8-8053-34C0E6695250>
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 com.apple.CoreServicesInternal (476 - 476) <0DA95074-B315-3B84-B8A3-BAEDC4471A2C>
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0x7fff22ae1000 - 0x7fff22b1bfff com.apple.CSSStore
 (1122.11 - 1122.11) <89992991-8538-380B-B2B8-4EA997CBFDBE>
 /System/Library/PrivateFrameworks/CoreServicesStore.framework/Versions/A/CoreServicesStore

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 /System/Library/Frameworks/IOKit.framework/Versions/A/IOKit

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 (279.40.4) <B2BF20C7-448A-3FBD-A2F5-AB7618D173F6>
 /usr/lib/system/libsystem_notify.dylib

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 (1441.60.4) <591F41F3-1FE9-354F-A1F9-BC0CC73333DA>
 /usr/lib/libsandbox.1.dylib

0x7fff22c23000 - 0x7fff23985fff com.apple.AppKit (6.9 -
 2022.30.122) <EA4B3536-A5AF-3E5D-A8E3-A3F795F34F05>
 /System/Library/Frameworks/AppKit.framework/Versions/C/AppKit

0x7fff23986000 - 0x7fff23bdafff com.apple.UIFoundation
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```

/System/Library/PrivateFrameworks/UIFoundation.framework/Versions/A/UIFoundation
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/System/Library/Frameworks/UniformTypeIdentifiers.framework/Versions/A/UniformTypeIdentifiers
    0x7fff23bee000 -      0x7fff23d78fff
com.apple.desktopservices (1.18 - 1346.3.1) <2144B85E-A433-3F9E-A25D-E8F9D7B6D175>
/System/Library/PrivateFrameworks/DesktopServicesPriv.framework/Versions/A/DesktopServicesPriv
    0x7fff23d8c000 -      0x7fff23f89fff  com.apple.CoreDuet (1.0 - 1) <04A7E521-0C5A-30B6-9BF1-5C5377C3F16C>
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    0x7fff23f8a000 -      0x7fff24044fff  libboringssl.dylib (351.40.2) <FA735124-8EAE-3531-82E0-C1719E4F2F9E>
/usr/lib/libboringssl.dylib
    0x7fff24045000 -      0x7fff24688fff  libnetwork.dylib (2288.80.2) <A3F1E999-6D61-32D7-B3F7-67832CEA53CD>
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    0x7fff24b36000 -      0x7fff24b36fff  libenergytrace.dylib (22) <33A9FBF3-A2D3-3ECE-9370-B0ADDE3896DE>
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    0x7fff24b37000 -      0x7fff24b92fff  libMobileGestalt.dylib (978.80.1) <C4C7A5DC-C3AD-374D-902A-B6DED14FBB67>
/usr/lib/libMobileGestalt.dylib
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/usr/lib/system/libsystem_asl.dylib
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/System/Library/PrivateFrameworks/TCC.framework/Versions/A/TCC
    0x7fff24bc2000 -      0x7fff24f28fff  com.apple.SkyLight (1.600.0 - 570.7) <8034EAA7-787C-3A3E-A301-FF90376F247D>
/System/Library/PrivateFrameworks/SkyLight.framework/Versions/A/SkyLight
    0x7fff24f29000 -      0x7fff255bcfff  com.apple.CoreGraphics (2.0 - 1463.3.2) <29845645-F6F2-34E0-AC0D-C659773C78ED>

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    0x7fff256b4000 -      0x7fff2570ffff  com.apple.HIServices
(1.22 - 714) <780B2B09-80A6-32C8-B9E5-024988196E00>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/HIServices.framework/Versions/A/HIServices
    0x7fff25abb000 -      0x7fff25ed9fff  com.apple.CoreData (120
- 1044.3) <7BE9684B-4439-3008-A2A7-4093BBCA180A>
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com.apple.ProtocolBuffer (1 - 285.23.11.29.1) <58CD91DC-64A9-
3A97-AE41-6EA30308D617>
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(321.1) <ACCC6A4C-3257-38A4-8AFB-BA73D906205B>
/usr/lib/libsqlite3.dylib
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- 113) <BCB8494A-A340-30A1-928C-9B53E953328D>
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9CF687AE7218>
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(526 - 526) <3A964BB6-7AB8-3B5D-BAF6-40F56D2BA393>
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350A-BEBB-AB779BD3F405>
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    0x7fff26215000 -      0x7fff2628afff  com.apple.AE (918.0.1 -
918.0.1) <9B6B42DB-8768-343B-B10E-A9A5710280CD>
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    0x7fff2628b000 -      0x7fff26291fff  libdns_services.dylib
(1310.80.1) <97EB5DFD-BB41-3834-BF09-1F597D84F324>
/usr/lib/libdns_services.dylib
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0x7fff26292000 - 0x7fff26299fff
libsystem_symptoms.dylib (1431.40.36) <BC85B46C-02EE-31FF-861D-F0DE01E8F6CF> /usr/lib/system/libsystem_symptoms.dylib
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0x7fff2641f000 - 0x7fff26443fff com.apple.analyticsd (1.0 - 1) <4FFF906A-FE79-38F9-B777-AE878A0C99F1>
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libDiagnosticMessagesClient.dylib (112) <20EDB261-69C7-3E4A-8C00-878814186A62> /usr/lib/libDiagnosticMessagesClient.dylib
0x7fff26447000 - 0x7fff26493fff
com.apple.spotlight.metadata.utilities (1.0 - 2150.7.5) <FB7BF527-2D95-3E82-AAD8-D42B33DAC0F0>
/System/Library/PrivateFrameworks/MetadataUtilities.framework/Versions/A/MetadataUtilities
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com.apple.DiskArbitration (2.7 - 2.7) <ACFCD23E-05DF-3F96-BCFA-E294AAAFD2CE>
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/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontRegistry.dylib
0x7fff26eea000 - 0x7fff2702bfff com.apple.coreui (2.1 - 690) <6DB427BB-44CA-3002-A3FF-77F0FEFC2A51>
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/System/Library/PrivateFrameworks/ViewBridge.framework/Versions/A/ViewBridge

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Versions/A/PerformanceAnalysis
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enDirectory
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ameworks/CFOpenDirectory.framework/Versions/A/CFOpenDirectory
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com.apple.coreservices.SharedFileList (144 - 144) <C861FAD6-
D3A5-302C-88AE-B2813F7201A7>
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meworks/SharedFileList.framework/Versions/A/SharedFileList
0x7fff27182000 - 0x7fff27184fff
libapp_launch_measurement.dylib (14.1) <2BBB708C-4D91-364E-ABD0-
39BF198688A6> /usr/lib/libapp_launch_measurement.dylib
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com.apple.CoreAutoLayout (1.0 - 21.10.1) <7A2E42E6-3AF2-3ECB-
8A16-5C4AC41206EE>
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ons/A/CoreAutoLayout
0x7fff271ce000 - 0x7fff272b0fff libxml2.2.dylib (34.9)
<E0BF29C7-869B-3DD5-82AE-F36E6398091A> /usr/lib/libxml2.2.dylib
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(1.8 - 408.4) <50857F8D-C7CC-3609-B0DB-FC3C7382243B>
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deo
0x7fff272fe000 - 0x7fff27300fff com.apple.loginsupport
(1.0 - 1) <B149BCAF-854C-3820-809D-15C6077FFB8B>
/System/Library/PrivateFrameworks/login.framework/Versions/A/Fra
meworks/loginsupport.framework/Versions/A/loginsupport
0x7fff27301000 - 0x7fff27329fff com.apple.aps.framework
(4.0 - 4.0) <D86ED827-F22D-3A52-B055-251478B29AE1>
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sions/A/ApplePushService
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com.apple.UserManagement (1.0 - 1) <B6B35079-3860-384F-B7A2-

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libsystem_containermanager.dylib (318.80.2) <6F08275F-B912-3D8E-9D74-4845158AE4F3>
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    0x7fff2853b000 -    0x7fff28697fff libFontParser.dylib
(305.3.0.1) <2CD3B3C9-7022-34DD-BF53-D48D79DEF726>
/System/Library/PrivateFrameworks/FontServices.framework/libFontParser.dylib
    0x7fff28698000 -    0x7fff28997fff com.apple.HIToolbox
(2.1.1 - 1061.2) <82B316E1-E47F-334D-8C33-DB1B7E8A4F71>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox
    0x7fff28998000 -    0x7fff289abfff
com.apple.framework.DFRFoundation (1.0 - 265) <4B26DB42-BFDD-3B0D-8966-3D0926A3A5B7>
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ersions/A/XCTTargetBootstrap
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- 149) <D88B5A7D-F9F7-36C2-A346-87D7163605A0>
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oreSVG
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(3.3.0 - 2130.3.5) <3558ABA9-6522-36A8-A49D-8641A9D7FCE1>
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sions/A/Frameworks/MPSCore.framework/Versions/A/MPSCore
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libsystem_configuration.dylib (1109.60.2) <4917D824-4DE8-32CC-
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(1441.60.4) <5F7F3DD1-4B38-310C-AA8F-19FF1B0F5276>
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com.apple.AggregateDictionary (1.0 - 1) <E6C1A91D-4ADE-33CB-
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ersions/A/AggregateDictionary
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com.apple.AppleSystemInfo (3.1.5 - 3.1.5) <4F8A1D06-3EFF-3174-
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ions/A/AppleSystemInfo
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<E8044658-AE79-3930-A902-07A38BB22382> /usr/lib/liblangid.dylib
    0x7fff29000000 -      0x7fff290a0fff  com.apple.CoreNLP (1.0
- 245.1) <6C49B26B-CB39-3504-AD5E-9C3333FFE086>
/System/Library/PrivateFrameworks/CoreNLP.framework/Versions/A/C
oreNLP
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com.apple.LinguisticData (1.0 - 399) <B059FF7F-731A-38F1-884A-
588C6C8CA7F2>
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ons/A/LinguisticData

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0x7fff290a8000 - 0x7fff29765fff libBNNS.dylib
(288.80.1) <C5CD30D8-114B-3104-9020-E5C05E68CEE8>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBNNS.dylib
0x7fff29766000 - 0x7fff29939fff libvDSP.dylib
(760.40.6) <4CCEE561-A72B-33BC-B9F9-77A6CF2E7AF0>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvDSP.dylib
0x7fff2993a000 - 0x7fff2994cfff com.apple.CoreEmoji
(1.0 - 128) <D43F3FFA-6692-3D56-ACBA-DDA40C566DDE>
/System/Library/PrivateFrameworks/CoreEmoji.framework/Versions/A/CoreEmoji
0x7fff2994d000 - 0x7fff29957fff
com.apple.IOMobileFramebuffer (343.0.0 - 343.0.0) <B15E9DA1-1C81-3ECF-94C7-FD137AD6C5E2>
/System/Library/PrivateFrameworks/IOMobileFramebuffer.framework/Versions/A/IOMobileFramebuffer
0x7fff29958000 - 0x7fff29a2afff
com.apple.framework.CoreWLAN (16.0 - 1657) <35927D28-3324-3CAB-9255-276A7022EADC>
/System/Library/Frameworks/CoreWLAN.framework/Versions/A/CoreWLAN
0x7fff29a2b000 - 0x7fff29c2afff com.apple.CoreUtils
(6.5 - 650.6) <184C48A4-7F66-395B-81DB-DAA1641383CF>
/System/Library/PrivateFrameworks/CoreUtils.framework/Versions/A/CoreUtils
0x7fff29c2b000 - 0x7fff29c4dfff com.apple.MobileKeyBag
(2.0 - 1.0) <0F83FED4-709A-37A0-9E04-EFFD71CB1272>
/System/Library/PrivateFrameworks/MobileKeyBag.framework/Version s/A/MobileKeyBag
0x7fff29c4e000 - 0x7fff29c5efff
com.apple.AssertionServices (1.0 - 505.80.1) <A00B802D-7BB8-3F6B-A79D-E9697F7D0ABB>
/System/Library/PrivateFrameworks/AssertionServices.framework/Versions/A/AssertionServices
0x7fff29c5f000 - 0x7fff29cebfff
com.apple.securityfoundation (6.0 - 55240.40.4) <72AC63B1-0B72-394F-97E8-BA9B114DD0A9>
/System/Library/Frameworks/SecurityFoundation.framework/Versions /A/SecurityFoundation
0x7fff29cec000 - 0x7fff29cf5fff
com.apple.coreservices.BackgroundTaskManagement (1.0 - 104) <EC15118E-62BD-3C24-A880-3B9B74318B0B>
/System/Library/PrivateFrameworks/BackgroundTaskManagement.frame work/Versions/A/BackgroundTaskManagement
0x7fff29cf6000 - 0x7fff29cfafff
com.apple.xpc.ServiceManagement (1.0 - 1) <FD031028-B702-3909-B2AF-3916404DD4A8>

```

/System/Library/Frameworks/ServiceManagement.framework/Versions/
A/ServiceManagement
    0x7fff29cfb000 -      0x7fff29cfdfff  libquarantine.dylib
(119.40.2) <40D35D75-524B-3DA6-8159-E7E0FA66F5BC>
/usr/lib/system/libquarantine.dylib
    0x7fff29cfe000 -      0x7fff29d09fff  libCheckFix.dylib (31)
<74E17BB2-1A3C-3574-92DD-63ABE39E3FF9>
/usr/lib/libCheckFix.dylib
    0x7fff29d0a000 -      0x7fff29d21fff  libcoretls.dylib (169)
<B33BEF87-3275-356D-9815-D0E94122D2EB> /usr/lib/libcoretls.dylib
    0x7fff29d22000 -      0x7fff29d32fff  libbsm.0.dylib
(68.40.1) <D71EF121-D4B0-306E-9843-9FAFD558E3A4>
/usr/lib/libbsm.0.dylib
    0x7fff29d33000 -      0x7fff29d7cfff  libmecab.dylib
(929.1.1) <1F424683-4213-3594-9BF5-EFCCCDAA83A5>
/usr/lib/libmecab.dylib
    0x7fff29d7d000 -      0x7fff29d82fff  libgermantok.dylib (24)
<E40EFA11-E95C-36D1-A8BE-8CA5B1DD179D>
/usr/lib/libgermantok.dylib
    0x7fff29d83000 -      0x7fff29d98fff  libLinearAlgebra.dylib
(1336.40.1) <0D017F3F-6FD6-38DB-AA14-A64523A4D093>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frame
works/vecLib.framework/Versions/A/libLinearAlgebra.dylib
    0x7fff29d99000 -      0x7fff29fc0fff
com.apple.MetalPerformanceShaders.MPSNeuralNetwork (1.0 - 1)
<8FA469B3-48BE-315B-B3A0-C868CD541608>
/System/Library/Frameworks/MetalPerformanceShaders.framework/Ver
sions/A/Frameworks/MPSNeuralNetwork.framework/Versions/A/MPSNeur
alNetwork
    0x7fff29fc1000 -      0x7fff2a010fff
com.apple.MetalPerformanceShaders.MPSRayIntersector (1.0 - 1)
<613BB6F1-3588-3E25-B523-059022FBE56E>
/System/Library/Frameworks/MetalPerformanceShaders.framework/Ver
sions/A/Frameworks/MPSRayIntersector.framework/Versions/A/MPSRay
Intersector
    0x7fff2a011000 -      0x7fff2a158fff  com.apple.MLCompute
(1.0 - 1) <01B968D9-A464-3667-8B8E-C99AEBAlFF79>
/System/Library/Frameworks/MLCompute.framework/Versions/A/MLComp
ute
    0x7fff2a159000 -      0x7fff2a18ffff
com.apple.MetalPerformanceShaders.MPSMatrix (1.0 - 1) <B988D5F6-
4E54-335D-A654-12C74FD668EA>
/System/Library/Frameworks/MetalPerformanceShaders.framework/Ver
sions/A/Frameworks/MPSMatrix.framework/Versions/A/MPSMatrix
    0x7fff2a190000 -      0x7fff2a1cdfff
com.apple.MetalPerformanceShaders.MPSNDArray (1.0 - 1)
<51ECDE6B-39F8-3BAB-ADC1-84C958F40A3F>

```

/System/Library/Frameworks/MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSNDArray.framework/Versions/A/MPSNDArray
0x7fff2a1ce000 - 0x7fff2a25efff
com.apple.MetalPerformanceShaders.MPSImage (1.0 - 1) <D009508B-DCDF-3421-B1CB-40FDF4A68E93>
/System/Library/Frameworks/MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSImage.framework/Versions/A/MPSImage
0x7fff2a25f000 - 0x7fff2a26efff
com.apple.AppleFSCompression (125 - 1.0) <879A04AA-F9A1-3640-A9EF-F5D0813C852A>
/System/Library/PrivateFrameworks/AppleFSCompression.framework/Versions/A/AppleFSCompression
0x7fff2a26f000 - 0x7fff2a27cfff libbz2.1.0.dylib (44)
<E163D5F9-E202-3A53-817B-8BC40B9293C0> /usr/lib/libbz2.1.0.dylib
0x7fff2a27d000 - 0x7fff2a281fff
libsystem_coreservices.dylib (127) <529A0663-A936-309C-9318-1B04B7F70658> /usr/lib/system/libsystem_coreservices.dylib
0x7fff2a282000 - 0x7fff2a2affff
com.apple.CoreServices.OSServices (1122.11 - 1122.11) <8D30829B-426E-361E-B2A9-5850F1E5513D>
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/OSServices.framework/Versions/A/OSServices
0x7fff2a2b0000 - 0x7fff2a3e1fff com.apple.AuthKit (1.0 - 1) <4A9B2D94-7AB0-3417-8D4E-A9C6C31C31D4>
/System/Library/PrivateFrameworks/AuthKit.framework/Versions/A/AuthKit
0x7fff2a485000 - 0x7fff2a497fff libz.1.dylib (76)
<6E2BD7A3-DC55-3183-BBF7-3AC367BC1834> /usr/lib/libz.1.dylib
0x7fff2a498000 - 0x7fff2a4dffff libsystem_m.dylib (3186.40.2) <DD26CC5C-AFF6-305F-A567-14909DD57163>
/usr/lib/system/libsystem_m.dylib
0x7fff2a4e0000 - 0x7fff2a4e0fff libcharset.1.dylib (59)
<D14F9D24-693A-37F0-8F92-D260248EB282>
/usr/lib/libcharset.1.dylib
0x7fff2a4e1000 - 0x7fff2a4e6fff libmacho.dylib (973.4)
<C2584BC4-497B-3170-ADDF-21B8E10B4DFD>
/usr/lib/system/libmacho.dylib
0x7fff2a4e7000 - 0x7fff2a502fff libkxld.dylib (7195.81.3) <DE05C188-D9FE-30DC-8299-DF3DC9F837A5>
/usr/lib/system/libkxld.dylib
0x7fff2a503000 - 0x7fff2a50efff libcommonCrypto.dylib (60178.40.2) <822A29CE-BF54-35AD-BB15-8FAECB800C7D>
/usr/lib/system/libcommonCrypto.dylib
0x7fff2a50f000 - 0x7fff2a519fff libunwind.dylib (200.10) <1D0A4B4A-4370-3548-8DC1-42A7B4BD45D3>
/usr/lib/system/libunwind.dylib
0x7fff2a51a000 - 0x7fff2a521fff liboah.dylib (203.30)
<44C477D9-013F-3A6D-A9FE-68A89214E6A5> /usr/lib/liboah.dylib

```

0x7fff2a522000 - 0x7fff2a52cfff libcopyfile.dylib
(173.40.2) <39DBE613-135B-3AFE-A6AF-7898A37F70C2>
/usr/lib/system/libcopyfile.dylib
0x7fff2a52d000 - 0x7fff2a534fff libcompiler_rt.dylib
(102.2) <62EE1D14-5ED7-3CEC-81C0-9C93833641F1>
/usr/lib/system/libcompiler_rt.dylib
0x7fff2a535000 - 0x7fff2a537fff
libsystem_collections.dylib (1439.40.11) <C53D5E0C-0C4F-3B35-
A24B-E0D7101A3F95> /usr/lib/system/libsystem_collections.dylib
0x7fff2a538000 - 0x7fff2a53afff libsystem_secinit.dylib
(87.60.1) <E05E35BC-1BAB-365B-8BEE-D774189EFD3B>
/usr/lib/system/libsystem_secinit.dylib
0x7fff2a53b000 - 0x7fff2a53dfff libremovefile.dylib
(49.40.3) <5CC12A16-82CB-32F0-9040-72CFC88A48DF>
/usr/lib/system/libremovefile.dylib
0x7fff2a53e000 - 0x7fff2a53efff libkeymgr.dylib (31)
<803F6AED-99D5-3CCF-B0FA-361BCF14C8C0>
/usr/lib/system/libkeymgr.dylib
0x7fff2a53f000 - 0x7fff2a546fff libsystem_dnssd.dylib
(1310.80.1) <E0A0CAB3-6779-3C83-AC67-046CFE69F9C2>
/usr/lib/system/libsystem_dnssd.dylib
0x7fff2a547000 - 0x7fff2a54cfff libcache.dylib (83)
<1A98B064-8FED-39CF-BB2E-5BDA1EF5B65A>
/usr/lib/system/libcache.dylib
0x7fff2a54d000 - 0x7fff2a54efff libSystem.B.dylib
(1292.60.1) <83503CE0-32B1-36DB-A4F0-3CC6B7BCF50A>
/usr/lib/libSystem.B.dylib
0x7fff2a54f000 - 0x7fff2a552fff libfakelink.dylib (3)
<D939A124-9FD5-37A2-B03B-72E98CBC98FE>
/usr/lib/libfakelink.dylib
0x7fff2a553000 - 0x7fff2a553fff com.apple.SoftLinking
(1.0 - 1) <EF2AC5FF-B98D-3252-ABA8-2FC721CBA942>
/System/Library/PrivateFrameworks/SoftLinking.framework/Versions
/A/SoftLinking
0x7fff2a554000 - 0x7fff2a58bfff libpcap.A.dylib
(98.40.1) <DE5787F8-D011-3E71-8323-936B35976D9E>
/usr/lib/libpcap.A.dylib
0x7fff2a58c000 - 0x7fff2a67cfff libiconv.2.dylib (59)
<AD10ECF4-E137-3152-9612-7EC548D919E8> /usr/lib/libiconv.2.dylib
0x7fff2a67d000 - 0x7fff2a68efff libcmph.dylib (8)
<A5D1EBB3-70A1-3ECA-A3C7-E97FBAD36ECF> /usr/lib/libcmph.dylib
0x7fff2a68f000 - 0x7fff2a700fff libarchive.2.dylib
(83.40.4) <9061C767-43FD-3483-9C48-73973AF82DC1>
/usr/lib/libarchive.2.dylib
0x7fff2a701000 - 0x7fff2a768fff com.apple.SearchKit
(1.4.1 - 1.4.1) <6243D4C0-3572-30A6-889A-B8690A5EAC24>
/System/Library/Frameworks/CoreServices.framework/Versions/A/Fra
meworks/SearchKit.framework/Versions/A/SearchKit

```

```

    0x7fff2a769000 -      0x7fff2a76afff  libThaiTokenizer.dylib
(3) <47CDE3EE-60AB-38CE-9494-5CC047CACA7F>
/usr/lib/libThaiTokenizer.dylib
    0x7fff2a76b000 -      0x7fff2a792fff  com.apple.applesauce
(1.0 - 16.26) <4A637FE0-A740-32F0-AE70-4593F6DF1573>
/System/Library/PrivateFrameworks/AppleSauce.framework/Versions/
A/AppleSauce
    0x7fff2a793000 -      0x7fff2a7aafff  libapple_nghttp2.dylib
(1.41) <A2F6DE8D-2B38-3669-A16E-E1BD54108F24>
/usr/lib/libapple_nghttp2.dylib
    0x7fff2a7ab000 -      0x7fff2a7bdfff  libSparseBLAS.dylib
(1336.40.1) <FC45F7FD-6B10-3F8D-A553-F57C757F6717>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frame
works/vecLib.framework/Versions/A/libSparseBLAS.dylib
    0x7fff2a7be000 -      0x7fff2a7bffff
com.apple.MetalPerformanceShaders.MetalPerformanceShaders (1.0 -
1) <F37DBCE9-20CD-33D4-806B-93B326E08422>
/System/Library/Frameworks/MetalPerformanceShaders.framework/Ver
sions/A/MetalPerformanceShaders
    0x7fff2a7c0000 -      0x7fff2a7c4fff  libpam.2.dylib
(28.40.1) <FA3308D0-E7B4-3A2C-AE39-0E085F6CDEE0>
/usr/lib/libpam.2.dylib
    0x7fff2a7c5000 -      0x7fff2a7ddfff  libcompression.dylib
(96.40.6) <9C42DB2C-0A6D-38CE-BB8D-899A9B34B695>
/usr/lib/libcompression.dylib
    0x7fff2a7de000 -      0x7fff2a7e3fff  libQuadrature.dylib (7)
<55EE1866-623B-3C10-91FB-C8B06EB83995>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frame
works/vecLib.framework/Versions/A/libQuadrature.dylib
    0x7fff2a7e4000 -      0x7fff2ab80fff  libLAPACK.dylib
(1336.40.1) <2F92E8CD-396D-3665-88EB-41A4E1A9CB31>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frame
works/vecLib.framework/Versions/A/libLAPACK.dylib
    0x7fff2ab81000 -      0x7fff2abcbfff
com.apple.DictionaryServices (1.2 - 341) <5D0B1BB2-995B-32EB-
AE75-F5F27127ACAF>
/System/Library/Frameworks/CoreServices.framework/Versions/A/Fra
meworks/DictionaryServices.framework/Versions/A/DictionaryServic
es
    0x7fff2abd0000 -      0x7fff2abe8fff  liblzma.5.dylib (16)
<168D84A7-8E54-361E-9161-B661D96C0C9A> /usr/lib/liblzma.5.dylib
    0x7fff2abe9000 -      0x7fff2abeafff
libcoretls_cfhelpers.dylib (169) <80AF345B-1989-3C88-AEF4-
8FF18A366A9C> /usr/lib/libcoretls_cfhelpers.dylib
    0x7fff2abeb000 -      0x7fff2ace5fff  com.apple.APFS
(1677.81.1 - 1677.81.1) <E48CCAAC-34B5-377E-8E5D-06CDBD411C2F>
/System/Library/PrivateFrameworks/APFS.framework/Versions/A/APFS

```

```

0x7fff2ace6000 - 0x7fff2acf3fff libxar.1.dylib (452)
<FAA7B36E-21EC-3ADF-AA6A-E3742737CA3A> /usr/lib/libxar.1.dylib
0x7fff2acf4000 - 0x7fff2acf7fff libutil.dylib (58.40.2)
<0A268749-08E7-3551-8969-442210651CCA> /usr/lib/libutil.dylib
0x7fff2acf8000 - 0x7fff2ad20fff libxslt.1.dylib (17.3)
<1C5219FB-B504-3658-B23B-2C45A3BA28F1> /usr/lib/libxslt.1.dylib
0x7fff2ad21000 - 0x7fff2ad2bfff
libChineseTokenizer.dylib (37) <718400BF-9911-3CB6-8CCE-
4C2D7C35D80A> /usr/lib/libChineseTokenizer.dylib
0x7fff2ad2c000 - 0x7fff2adeafff libvMisc.dylib
(760.40.6) <9D11FCFC-6C30-32B6-864B-9CC3ED7D1143>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvMisc.dylib
0x7fff2adeb000 - 0x7fff2ae83fff libate.dylib (3.0.4)
<42707DFB-86A4-3F56-A5AF-E6DAA7E49DC7> /usr/lib/libate.dylib
0x7fff2ae84000 - 0x7fff2ae8bfff libIOReport.dylib (64)
<8DEEA01D-B715-340A-900E-B448AB22720E>
/usr/lib/libIOReport.dylib
0x7fff2ae8c000 - 0x7fff2aebafff
com.apple.CrashReporterSupport (10.13 - 15047.1) <EA306EDB-2A02-
3FB6-8812-F5EAA337AEE6>
/System/Library/PrivateFrameworks/CrashReporterSupport.framework
/Versions/A/CrashReporterSupport
0x7fff2aebb000 - 0x7fff2aed1fff com.apple.AppSSOCore
(1.0 - 1) <E139CDF0-B351-3974-AD53-D297B063DC2C>
/System/Library/PrivateFrameworks/AppSSOCore.framework/Versions/
A/AppSSOCore
0x7fff2af71000 - 0x7fff2afa6fff
com.apple.pluginkit.framework (1.0 - 1) <343BA2F7-C204-3C30-
BAC1-C85CC0A8DCFF>
/System/Library/PrivateFrameworks/PlugInKit.framework/Versions/A
/PlugInKit
0x7fff2afa7000 - 0x7fff2afaefff libMatch.1.dylib (38)
<DE8B7844-BFB2-3E3E-9FD0-1C9AD1DC1736> /usr/lib/libMatch.1.dylib
0x7fff2afaf000 - 0x7fff2b03afff libCoreStorage.dylib
(554) <044E6815-6340-31D5-BEE9-760C354E92A3>
/usr/lib/libCoreStorage.dylib
0x7fff2b03b000 - 0x7fff2b08efff
com.apple.AppleVAFramework (6.1.3 - 6.1.3) <E3BE877B-1C78-3ABF-
8C41-66FE9B6971C7>
/System/Library/PrivateFrameworks/AppleVA.framework/Versions/A/A
ppleVA
0x7fff2b08f000 - 0x7fff2b0a8fff libexpat.1.dylib (26)
<1D978F91-674E-3A44-8A93-773C7E3E513C> /usr/lib/libexpat.1.dylib
0x7fff2b0a9000 - 0x7fff2b0b2fff libheimdal-asn1.dylib
(597.80.1) <8F6CD867-FB45-375D-82C1-E0AE79558C8C>
/usr/lib/libheimdal-asn1.dylib

```

```

    0x7fff2b0b3000 -      0x7fff2b0c7fff
com.apple.IconFoundation (479.3 - 479.3) <3563C4B4-ABF6-3DE0-
8381-D3667DFE2B80>
/System/Library/PrivateFrameworks/IconFoundation.framework/Versi
ons/A/IconFoundation
    0x7fff2b0c8000 -      0x7fff2b135fff  com.apple.IconServices
(479.3 - 479.3) <B6859735-701D-307E-8061-298BA2296E47>
/System/Library/PrivateFrameworks/IconServices.framework/Version
s/A/IconServices
    0x7fff2b136000 -      0x7fff2b1d3fff
com.apple.MediaExperience (1.0 - 1) <14E84D66-28B8-390E-A499-
9F24B7628EC7>
/System/Library/PrivateFrameworks/MediaExperience.framework/Vers
ions/A/MediaExperience
    0x7fff2b1d4000 -      0x7fff2b1fdfff
com.apple.persistentconnection (1.0 - 1.0) <B3FE85C5-8034-38D5-
8566-5317B49ECF61>
/System/Library/PrivateFrameworks/PersistentConnection.framework
/Versions/A/PersistentConnection
    0x7fff2b1fe000 -      0x7fff2b20cfff
com.apple.GraphVisualizer (1.0 - 100.1) <A7393BC4-4441-31B5-
BB15-5A5A70738BEC>
/System/Library/PrivateFrameworks/GraphVisualizer.framework/Vers
ions/A/GraphVisualizer
    0x7fff2b20d000 -      0x7fff2b628fff
com.apple.vision.FaceCore (4.3.2 - 4.3.2) <23CD0C8A-E300-3E28-
BD5B-DDCDA4521C54>
/System/Library/PrivateFrameworks/FaceCore.framework/Versions/A/
FaceCore
    0x7fff2b629000 -      0x7fff2b673fff  com.apple.OTSVG (1.0 -
677.3.0.4) <827396F3-F3A7-3A4F-BE7F-171077501137>
/System/Library/PrivateFrameworks/OTSVG.framework/Versions/A/OTS
VG
    0x7fff2b674000 -      0x7fff2b67afff
com.apple.xpc.AppServerSupport (1.0 - 2038.80.3) <C78E9D22-5110-
349B-AF8E-6BA893A20214>
/System/Library/PrivateFrameworks/AppServerSupport.framework/Ver
sions/A/AppServerSupport
    0x7fff2b67b000 -      0x7fff2b68cfff  libhvf.dylib (1.0 -
$[CURRENT_PROJECT_VERSION]) <F0974976-30C0-35EB-92F1-
B4CF1E974F11>
/System/Library/PrivateFrameworks/FontServices.framework/libhvf.
dylib
    0x7fff2b68d000 -      0x7fff2b68ffff  libspindump.dylib
(295.1) <3B4701CB-8F66-3E50-A38A-BEEC992AAC31>
/usr/lib/libspindump.dylib
    0x7fff2b690000 -      0x7fff2b750fff  com.apple.Heimdal (4.0
- 2.0) <69768234-4F4F-3AB6-B116-4AE249E6417A>

```

```

/System/Library/PrivateFrameworks/Heimdal.framework/Versions/A/Heimdal
    0x7fff2b751000 -      0x7fff2b76bfff  com.apple.login (3.0 -
3.0) <B9BEC3A1-688C-3999-B705-2D50B8756E62>
/System/Library/PrivateFrameworks/login.framework/Versions/A/login
    0x7fff2b8eb000 -      0x7fff2b8eefff  libodfde.dylib (26)
<47160F56-2A36-3147-B721-279BE2F8B4A6> /usr/lib/libodfde.dylib
    0x7fff2b8ef000 -      0x7fff2b959fff  com.apple.bom (14.0 -
233) <F4B7C353-8A65-3B54-9E01-2C93CB3F55A3>
/System/Library/PrivateFrameworks/Bom.framework/Versions/A/Bom
    0x7fff2b95a000 -      0x7fff2b9a4fff  com.apple.AppleJPEG
(1.0 - 1) <7F3819DE-BCE7-32B7-BB33-10C1DB2BA512>
/System/Library/PrivateFrameworks/AppleJPEG.framework/Versions/A/AppleJPEG
    0x7fff2b9a5000 -      0x7fff2ba83fff  libJP2.dylib (2130.3.5)
<2DFE6642-4309-30BD-A402-F93E28F1F065>
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJP2.dylib
    0x7fff2ba84000 -      0x7fff2ba87fff
com.apple.WatchdogClient.framework (1.0 - 98.80.2) <C257C950-
F430-3762-BC72-15D314D99556>
/System/Library/PrivateFrameworks/WatchdogClient.framework/Versions/A/WatchdogClient
    0x7fff2ba88000 -      0x7fff2babbfff
com.apple.MultitouchSupport.framework (4400.28 - 4400.28)
<4243F7DC-7EB9-3750-BE36-527B0BADF36C>
/System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport
    0x7fff2bab0000 -      0x7fff2bc0efff  com.apple.VideoToolbox
(1.0 - 2765.6.4.2) <425BDD2D-6C26-3D09-AD9F-942EA387B2A4>
/System/Library/Frameworks/VideoToolbox.framework/Versions/A/VideoToolbox
    0x7fff2bc0f000 -      0x7fff2bc41fff
libAudioToolboxUtility.dylib (1180.25) <83DBFA98-F85B-3B63-B58F-
C9989BAC9611> /usr/lib/libAudioToolboxUtility.dylib
    0x7fff2bc42000 -      0x7fff2bc68fff  libPng.dylib (2130.3.5)
<9046A7B7-6C31-32C5-B610-6AEA6F6B2D48>
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib
    0x7fff2bc69000 -      0x7fff2bcc8fff  libTIFF.dylib
(2130.3.5) <CAAF5746-3171-38B1-9722-8CB9B650C627>
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libTIFF.dylib
    0x7fff2bcc9000 -      0x7fff2bce5fff  com.apple.IOPresentment
(54 - 37) <5AD7B6E0-1744-3C8D-8A95-FE425DEA005C>
/System/Library/PrivateFrameworks/IOPresentment.framework/Versions/A/IOPresentment

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    0x7fff2bce6000 -      0x7fff2bceffff  com.apple.GPUWrangler
(6.2.2 - 6.2.2) <60363868-111B-36CF-9CDF-2643DF82002D>
/System/Library/PrivateFrameworks/GPUWrangler.framework/Versions
/A/GPUWrangler
    0x7fff2bcd000 -      0x7fff2bcf0fff  libRadiance.dylib
(2130.3.5) <71EBA416-A317-380A-984A-F6B0A0695A65>
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resource
s/libRadiance.dylib
    0x7fff2bcf1000 -      0x7fff2bcf6fff
com.apple.DSEExternalDisplay (3.1 - 380) <010F8260-BC46-361E-
BE59-540F765EFE74>
/System/Library/PrivateFrameworks/DSEExternalDisplay.framework/Ve
rsions/A/DSEExternalDisplay
    0x7fff2bcf7000 -      0x7fff2bd1bfff  libJPEG.dylib
(2130.3.5) <4BFCC012-7CDD-320D-845D-E475243D3ECE>
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resource
s/libJPEG.dylib
    0x7fff2bd1c000 -      0x7fff2bd4bfff  com.apple.ATSUI (1.0 -
1) <6C45783D-CF90-3F11-BA86-92D31A9B68CA>
/System/Library/Frameworks/ApplicationServices.framework/Version
s/A/Frameworks/ATSUI.framework/Versions/A/ATSUI
    0x7fff2bd4c000 -      0x7fff2bd50fff  libGIF.dylib (2130.3.5)
<0C91C2A9-5D71-3042-A0D2-AA8F1F09012E>
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resource
s/libGIF.dylib
    0x7fff2bd51000 -      0x7fff2bd5afff  com.apple.CMCaptureCore
(1.0 - 80.20.5) <2B7E468B-D901-3EA9-85CF-82FD753785BD>
/System/Library/PrivateFrameworks/CMCaptureCore.framework/Versio
ns/A/CMCaptureCore
    0x7fff2bd5b000 -      0x7fff2bda2fff
com.apple.print.framework.PrintCore (16 - 531) <DB939B2B-D47D-
3035-8C02-01006D21C5A7>
/System/Library/Frameworks/ApplicationServices.framework/Version
s/A/Frameworks/PrintCore.framework/Versions/A/PrintCore
    0x7fff2bda3000 -      0x7fff2be6ffff  com.apple.TextureIO
(3.10.9 - 3.10.9) <50BA07A4-02E8-38EE-B0B9-B12C277B563B>
/System/Library/PrivateFrameworks/TextureIO.framework/Versions/A
/TextureIO
    0x7fff2be70000 -      0x7fff2be78fff
com.apple.InternationalSupport (1.0 - 60) <DE997943-6AD5-32DA-
B48E-78170C1EAA7B>
/System/Library/PrivateFrameworks/InternationalSupport.framework
/Versions/A/InternationalSupport
    0x7fff2be79000 -      0x7fff2bef4fff
com.apple.datadetectorscore (8.0 - 674) <A4EBFF22-F861-321A-
AF28-1DB8ECB9A4FF>
/System/Library/PrivateFrameworks/DataDetectorsCore.framework/Ve
rsions/A/DataDetectorsCore

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0x7fff2bef5000 - 0x7fff2bf53fff com.apple.UserActivity
(435 - 435) <12250395-D660-3CC1-81DB-565340F2651B>
/System/Library/PrivateFrameworks/UserActivity.framework/Versions/A/UserActivity

0x7fff2bf54000 - 0x7fff2c6bffff com.apple.MediaToolbox
(1.0 - 2765.6.4.2) <C8645EA0-643D-38CF-AA88-3253339192B1>
/System/Library/Frameworks/MediaToolbox.framework/Versions/A/MediaToolbox

0x7fff2c6c0000 - 0x7fff2c727fff libusrtcp.dylib
(2288.80.2) <7817DAF9-003E-3B6D-BF30-41CA2FBF8932>
/usr/lib/libusrtcp.dylib

0x7fff2cb0f000 - 0x7fff2cb78fff com.apple.imfoundation
(10.0 - 1000) <B06449D3-ED57-35DF-9222-1AAF833ACB5A>
/System/Library/PrivateFrameworks/IMFoundation.framework/Versions/A/IMFoundation

0x7fff2cb79000 - 0x7fff2cba1fff
com.apple.locationsupport (2420.12.16 - 2420.12.16) <63AB1284-8E33-3E9D-A857-9370F492B343>
/System/Library/PrivateFrameworks/LocationSupport.framework/Versions/A/LocationSupport

0x7fff2cba2000 - 0x7fff2cbd3fff libSessionUtility.dylib
(76.7) <6AAD02A0-9590-3CED-9568-36E05C59AA2B>
/System/Library/PrivateFrameworks/AudioSession.framework/libSessionUtility.dylib

0x7fff2cbd4000 - 0x7fff2cd04fff
com.apple.audio.toolbox.AudioToolbox (1.14 - 1.14) <8E53C25F-9FE2-372E-8374-6A598D72C4C1>
/System/Library/Frameworks/AudioToolbox.framework/Versions/A/AudioToolbox

0x7fff2cd05000 - 0x7fff2cd6cfff
com.apple.audio.AudioSession (1.0 - 76.7) <F696F4EC-9344-3C85-941E-6E5EF5CEF585>
/System/Library/PrivateFrameworks/AudioSession.framework/Versions/A/AudioSession

0x7fff2cd6d000 - 0x7fff2cd7ffff
libAudioStatistics.dylib (25.4) <303533DD-D001-3CE8-A5A4-EC29F464FC3A> /usr/lib/libAudioStatistics.dylib

0x7fff2cd80000 - 0x7fff2cd8ffff
com.apple.speech.synthesis.framework (9.0.51.2 - 9.0.51.2) <14F3382B-2B8E-31E5-8C73-73F0B8DD05F0>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/SpeechSynthesis.framework/Versions/A/SpeechSynthesis

0x7fff2cd90000 - 0x7fff2cdfbfff
com.apple.ApplicationServices.ATS (377 - 516) <3DD60168-A0F3-3388-8DDE-69F81280AE91>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/ATS

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    0x7fff2cdfc000 -      0x7fff2ce14fff  libresolv.9.dylib (68)
<7B043B4A-71CE-3F6E-91F0-CBBED47A9EA9>
/usr/lib/libresolv.9.dylib
    0x7fff2ce15000 -      0x7fff2ce28fff  libsasl2.2.dylib (214)
<7EE1EE13-9D86-3612-A6BC-3E6B5D578267> /usr/lib/libsasl2.2.dylib
    0x7fff2cf47000 -      0x7fff2d026fff  libSMC.dylib (20)
<B207FDFF-8D80-3800-B968-03C718FFBF3F> /usr/lib/libSMC.dylib
    0x7fff2d027000 -      0x7fff2d086fff  libcups.2.dylib (494.1)
<CDF6F483-017E-3DED-B107-C50FC3CADD65> /usr/lib/libcups.2.dylib
    0x7fff2d087000 -      0x7fff2d096fff  com.apple.LangAnalysis
(1.7.0 - 254) <14703020-3124-3C62-A9DB-6DD28024CD42>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/LangAnalysis.framework/Versions/A/LangAnalysis
    0x7fff2d097000 -      0x7fff2d0a1fff  com.apple.NetAuth (6.2
- 6.2) <D40BF56F-DF5F-3ECB-AAC2-FE6F13E9D120>
/System/Library/PrivateFrameworks/NetAuth.framework/Versions/A/NetAuth
    0x7fff2d0a2000 -      0x7fff2d0a9fff
com.apple.ColorSyncLegacy (4.13.0 - 1) <F3AEB77A-456F-3F9F-98CC-
3E29ABAF5D0C>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ColorSyncLegacy.framework/Versions/A/ColorSyncLegacy
    0x7fff2d0aa000 -      0x7fff2d0b5fff  com.apple.QD (4.0 -
416) <F65D0944-C775-33FB-A345-C046789667B7>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/QD.framework/Versions/A/QD
    0x7fff2d0b6000 -      0x7fff2d724fff
com.apple.audio.AudioResourceArbitration (1.0 - 1) <6A293E4C-
1E2D-36DA-B416-FBED7286CD6E>
/System/Library/PrivateFrameworks/AudioResourceArbitration.framework/Versions/A/AudioResourceArbitration
    0x7fff2d725000 -      0x7fff2d731fff  com.apple.perfdata (1.0
- 67.40.1) <A9D2E8CD-9D74-304E-BD99-A7704F3CD38B>
/System/Library/PrivateFrameworks/perfdata.framework/Versions/A/perfdata
    0x7fff2d732000 -      0x7fff2d740fff  libperfcheck.dylib (41)
<5AFDC5C6-EBB6-33E4-9215-1AACE6C6F6EE>
/usr/lib/libperfcheck.dylib
    0x7fff2d741000 -      0x7fff2d750fff  com.apple.Kerberos (3.0
- 1) <02FFA3CA-F8AF-3211-9159-36BC29612650>
/System/Library/Frameworks/Kerberos.framework/Versions/A/Kerberos
    0x7fff2d751000 -      0x7fff2d7a0fff  com.apple.GSS (4.0 -
2.0) <5D06022E-C963-390A-9487-90BD1B61BC20>
/System/Library/Frameworks/GSS.framework/Versions/A/GSS
    0x7fff2d7a1000 -      0x7fff2d7b1fff  com.apple.CommonAuth
(4.0 - 2.0) <C4418557-FA52-3B80-804F-2BC7AF760FD6>

```

```
/System/Library/PrivateFrameworks/CommonAuth.framework/Versions/  
A/CommonAuth  
    0x7fff2d806000 -      0x7fff2d828fff  
com.apple.security.KeychainCircle.KeychainCircle (1.0 - 1)  
<6F4B051F-BC33-3880-81B2-5C62DABFF02D>  
/System/Library/PrivateFrameworks/KeychainCircle.framework/Versi  
ons/A/KeychainCircle  
    0x7fff2d829000 -      0x7fff2d831fff  
com.apple.CorePhoneNumbers (1.0 - 1) <AA493452-21D3-3EC6-953C-  
42DBF75F4EB9>  
/System/Library/PrivateFrameworks/CorePhoneNumbers.framework/Ver  
sions/A/CorePhoneNumbers  
    0x7fff2d832000 -      0x7fff2d8bdfff  
libTelephonyUtilDynamic.dylib (5347.1) <AB6453EB-2C1C-3A98-B56A-  
3C850FCE95F7> /usr/lib/libTelephonyUtilDynamic.dylib  
    0x7fff2d986000 -      0x7fff2d986fff liblaunch.dylib  
(2038.80.3) <C7C51322-8491-3B78-9CFA-2B4753662BCF>  
/usr/lib/system/liblaunch.dylib  
    0x7fff2df1a000 -      0x7fff2e01dfff com.apple.ids (10.0 -  
1000) <AF493B17-803E-35FB-A6C8-36A1BFAFBA2B>  
/System/Library/PrivateFrameworks/IDS.framework/Versions/A/IDS  
    0x7fff2e01e000 -      0x7fff2e180fff com.apple.idsfoundation  
(10.0 - 1000) <636F3797-544A-3311-AB8C-B7810967275F>  
/System/Library/PrivateFrameworks/IDSFoundation.framework/Versio  
ns/A/IDSFoundation  
    0x7fff2e181000 -      0x7fff2e2c8fff com.apple.Sharing (1579  
- 1579) <4925CAB3-09C0-373C-A5D3-9BB5FF025A4F>  
/System/Library/PrivateFrameworks/Sharing.framework/Versions/A/S  
haring  
    0x7fff2e2c9000 -      0x7fff2e3e9fff com.apple.Bluetooth  
(8.0.3 - 8.0.3d9) <C6FFFDA7-CD91-339A-8529-7D094338949D>  
/System/Library/Frameworks/IOBluetooth.framework/Versions/A/IOBl  
uetooth  
    0x7fff2e3ea000 -      0x7fff2e3fefff com.apple.AppContainer  
(4.0 - 509.60.2) <F294CD92-94FA-3D7D-9E59-AA5544504264>  
/System/Library/PrivateFrameworks/AppContainer.framework/Version  
s/A/AppContainer  
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com.apple.SecCodeWrapper (4.0 - 509.60.2) <1BEC89D6-6AC8-36C2-  
89AE-41662D14DC50>  
/System/Library/PrivateFrameworks/SecCodeWrapper.framework/Versi  
ons/A/SecCodeWrapper  
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com.apple.ProtectedCloudStorage (1.0 - 1) <88EF8B12-617E-316C-  
9036-18357E27BC0A>  
/System/Library/PrivateFrameworks/ProtectedCloudStorage.framewor  
k/Versions/A/ProtectedCloudStorage
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0x7fff2e6b0000 - 0x7fff2fba6fff com.apple.GeoServices
(1.0 - 1757.23.11.29.3) <72B73209-98B3-3E90-8D5D-B69C81784E5D>
/System/Library/PrivateFrameworks/GeoServices.framework/Versions
/A/GeoServices

0x7fff2fba7000 - 0x7fff2fbb2fff
com.apple.DirectoryService.Framework (11.2 - 230.40.1)
<4DB85BA3-9323-304B-BDC3-6E13B9AAA1C2>
/System/Library/Frameworks/DirectoryService.framework/Versions/A
/DirectoryService

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com.apple.RemoteViewServices (2.0 - 163) <661A448B-2901-33CD-
B13C-362D61AFD998>
/System/Library/PrivateFrameworks/RemoteViewServices.framework/V
ersions/A/RemoteViewServices

0x7fff2fbdf000 - 0x7fff2fbeefff
com.apple.SpeechRecognitionCore (6.1.12 - 6.1.12) <B24969AE-
43BA-36C2-80F9-2CBBC3F63CC8>
/System/Library/PrivateFrameworks/SpeechRecognitionCore.framework
/Versions/A/SpeechRecognitionCore

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com.apple.speech.recognition.framework (6.0.3 - 6.0.3)
<8C33ECFF-2FBF-30FF-87EA-32A508860543>
/System/Library/Frameworks/Carbon.framework/Versions/A/Framework
s/SpeechRecognition.framework/Versions/A/SpeechRecognition

0x7fff2fe3a000 - 0x7fff2fe3afff
libsystem_product_info_filter.dylib (8.40.1) <20310EE6-2C3F-
361A-9ECA-4223AFC03B65>
/usr/lib/system/libsystem_product_info_filter.dylib

0x7fff2feb5000 - 0x7fff2feccfff
libnetworkextension.dylib (1295.80.3) <3642513F-7F9E-3657-884C-
B342E1421510> /usr/lib/libnetworkextension.dylib

0x7fff2ff15000 - 0x7fff2ff15fff
com.apple.Accelerate.vecLib (3.11 - vecLib 3.11) <8CD6F55A-8E4F-
3653-A367-427D0ED3DD16>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frame
works/vecLib.framework/Versions/A/vecLib

0x7fff2ff3c000 - 0x7fff2ff3cfff com.apple.CoreServices
(1122.11 - 1122.11) <E59859C6-7221-3324-BB58-F910B2199959>
/System/Library/Frameworks/CoreServices.framework/Versions/A/Cor
eServices

0x7fff3020a000 - 0x7fff3020afff com.apple.Accelerate
(1.11 - Accelerate 1.11) <2423F0F6-A3A4-37AB-971E-FCFC7645D282>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Accel
erate

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com.apple.MediaAccessibility (1.0 - 130) <264B30DF-646A-30EC-
98B6-20429E9718CB>

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/System/Library/Frameworks/MediaAccessibility.framework/Versions
/A/MediaAccessibility
    0x7fff30257000 -      0x7fff30276fff
com.apple.networking.AlgosScoreFramework (1.0 - 1) <8713D2A4-
ECB6-3B96-BE39-F47851EEF900>
/System/Library/PrivateFrameworks/AlgosScoreFramework.framework/
Versions/A/AlgosScoreFramework
    0x7fff30277000 -      0x7fff3027bfff  com.apple.AppleSRP (5.0
- 1) <3BF95CAF-2EC5-393A-95B7-429C0C5F8F13>
/System/Library/PrivateFrameworks/AppleSRP.framework/Versions/A/
AppleSRP
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com.apple.frameworks.CoreDaemon (1.3 - 1.3) <D73E7719-09C8-30E6-
B92D-AFC1BB356D92>
/System/Library/PrivateFrameworks/CoreDaemon.framework/Versions/
B/CoreDaemon
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com.apple.framework.SystemAdministration (1.0 - 1.0) <9275DC16-
B898-326A-B6AD-6CDF34F0CF77>
/System/Library/PrivateFrameworks/SystemAdministration.framework
/Versions/A/SystemAdministration
    0x7fff30a81000 -      0x7fff30ae3fff  com.apple.CoreBluetooth
(1.0 - 1) <B88DEE8B-6268-36BA-BF6C-088F3BD8C652>
/System/Library/Frameworks/CoreBluetooth.framework/Versions/A/Co
reBluetooth
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com.apple.SymptomDiagnosticReporter (1.0 - 79.40.12) <83B5E330-
D786-34D2-AEE6-6F7B34D6FE9C>
/System/Library/PrivateFrameworks/SymptomDiagnosticReporter.fram
ework/Versions/A/SymptomDiagnosticReporter
    0x7fff30aee000 -      0x7fff30b01fff  com.apple.PowerLog (1.0
- 1) <3A076F54-AE8C-3550-8262-5655B5026489>
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PowerLog
    0x7fff30b02000 -      0x7fff30b0efff
com.apple.AppleIDAuthSupport (1.0 - 1) <964BA0DB-E86E-3F81-BB82-
CC27184B6D20>
/System/Library/PrivateFrameworks/AppleIDAuthSupport.framework/V
ersions/A/AppleIDAuthSupport
    0x7fff30b0f000 -      0x7fff30bb7fff  com.apple.DiscRecording
(9.0.3 - 9030.4.5) <2B9AA549-63FD-36BB-AE05-ABD5DAC41279>
/System/Library/Frameworks/DiscRecording.framework/Versions/A/Di
scRecording
    0x7fff30bb8000 -      0x7fff30bebfff  com.apple.MediaKit (16
- 927.40.2) <D1056292-E38F-313F-B202-EFD871195729>
/System/Library/PrivateFrameworks/MediaKit.framework/Versions/A/
MediaKit
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    0x7fff30bec000 -      0x7fff30cd7fff
com.apple.DiskManagement (14.0 - 1733.80.1) <9281E3F8-EAFE-3367-
B7D5-23687AA6EB70>
/System/Library/PrivateFrameworks/DiskManagement.framework/Versi
ons/A/DiskManagement
    0x7fff30cd8000 -      0x7fff31092fff  com.apple.CoreAUC
(322.2.0 - 322.2.0) <DAE981E0-5FED-39FD-8443-BD91D6957901>
/System/Library/PrivateFrameworks/CoreAUC.framework/Versions/A/C
oreAUC
    0x7fff31093000 -      0x7fff31096fff  com.apple.Mangrove (1.0
- 25) <61919815-50C9-3358-836F-B81ED66CCD84>
/System/Library/PrivateFrameworks/Mangrove.framework/Versions/A/
Mangrove
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(6.1.0 - 6100.4.1) <B123866C-3945-37E7-92EF-BE36AEDD620D>
/System/Library/PrivateFrameworks/CoreAVCHD.framework/Versions/A/
CoreAVCHD
    0x7fff310c5000 -      0x7fff311e5fff  com.apple.FileProvider
(326.3 - 326.3) <C5007E6E-897B-308F-B173-4F5C6BF3968D>
/System/Library/Frameworks/FileProvider.framework/Versions/A/Fil
eProvider
    0x7fff311e6000 -      0x7fff31209fff
com.apple.GenerationalStorage (2.0 - 322) <974A1465-7AA4-347E-
8606-CF35160FFA92>
/System/Library/PrivateFrameworks/GenerationalStorage.framework/
Versions/A/GenerationalStorage
    0x7fff31580000 -      0x7fff31650fff  com.apple.CoreTelephony
(113 - 8183.1) <C7979E59-4A17-31A4-822F-96D9A46AB4FA>
/System/Library/Frameworks/CoreTelephony.framework/Versions/A/Co
reTelephony
    0x7fff31803000 -      0x7fff31875fff
com.apple.FrontBoardServices (702.3.3 - 702.3.3) <C655E2DB-0D8B-
328D-B095-374B15B3DC42>
/System/Library/PrivateFrameworks/FrontBoardServices.framework/V
ersions/A/FrontBoardServices
    0x7fff31876000 -      0x7fff3189ffff  com.apple.BoardServices
(1.0 - 526) <9AFB78B3-9070-32FC-B4FF-3DA1FA0A55F2>
/System/Library/PrivateFrameworks/BoardServices.framework/Versio
ns/A/BoardServices
    0x7fff31a5c000 -      0x7fff31a9bfff
com.apple.AppleVPAAFramework (3.21.1 - 3.21.1) <4E96F781-3689-
3086-9DF3-60F20487FB9E>
/System/Library/PrivateFrameworks/AppleVPA.framework/Versions/A/
AppleVPA
    0x7fff31b6c000 -      0x7fff31ba8fff  com.apple.DebugSymbols
(195.1 - 195.1) <12A5A6E2-6C84-3FCA-9927-8B9E241C607F>
/System/Library/PrivateFrameworks/DebugSymbols.framework/Version
s/A/DebugSymbols

```

0x7fff31ba9000 - 0x7fff31c66fff
com.apple.CoreSymbolication (12.2 - 64541.4) <F1A41B4E-671A-335E-8AE0-B99688F255C8>
/System/Library/PrivateFrameworks/CoreSymbolication.framework/Versions/A/CoreSymbolication
0x7fff31c67000 - 0x7fff31c70fff com.apple.CoreTime
(284) <D80E792D-33D1-3D07-B39F-F0A1A7F74E24>
/System/Library/PrivateFrameworks/CoreTime.framework/Versions/A/CoreTime
0x7fff31c71000 - 0x7fff31ce8fff com.apple.Rapport
(2.3.0 - 230.1) <EAF4F9C4-C096-3923-A7E2-19B1F075B6F7>
/System/Library/PrivateFrameworks/Rapport.framework/Versions/A/Rapport
0x7fff32531000 - 0x7fff3257efff
com.apple.coreduetcontext (1.0 - 1) <74532B8A-C4D3-366D-95D2-A1EA9909ECE4>
/System/Library/PrivateFrameworks/CoreDuetContext.framework/Versions/A/CoreDuetContext
0x7fff3257f000 - 0x7fff32afcfff com.apple.Intents (1.0 - 1) <14608371-232F-347A-8B41-4C035B4DE2B4>
/System/Library/Frameworks/Intents.framework/Versions/A/Intents
0x7fff32afd000 - 0x7fff32b60fff
com.apple.framework.Apple80211 (17.0 - 1728) <A62689A7-7C22-33B3-90FA-730E4AAEE5B5>
/System/Library/PrivateFrameworks/Apple80211.framework/Versions/A/Apple80211
0x7fff32b61000 - 0x7fff32cb3fff com.apple.CoreWiFi (3.0 - 341) <F3D8F158-611A-3A5E-9F1D-E5FC273A4C74>
/System/Library/PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi
0x7fff32cb4000 - 0x7fff32ccccfff
com.apple.BackBoardServices (1.0 - 1.0) <584F3C72-F8F2-3B70-A98F-EC18334BE9F3>
/System/Library/PrivateFrameworks/BackBoardServices.framework/Versions/A/BackBoardServices
0x7fff32ccd000 - 0x7fff32d04fff com.apple.LDAPFramework (2.4.28 - 194.5) <246874E6-4FD1-35A5-A039-4141999D8CD6>
/System/Library/Frameworks/LDAP.framework/Versions/A/LDAP
0x7fff32d05000 - 0x7fff32d06fff
com.apple.TrustEvaluationAgent (2.0 - 35) <6FEF60A0-F80F-34E3-8845-FEEC92840920>
/System/Library/PrivateFrameworks/TrustEvaluationAgent.framework/Versions/A/TrustEvaluationAgent
0x7fff32d07000 - 0x7fff32e0afff libcrypto.44.dylib
(56.60.2) <7D8D4B1B-625D-3D00-A626-C21AFEE0462E>
/usr/lib/libcrypto.44.dylib

0x7fff32e0b000 - 0x7fff32e38fff libssl.46.dylib
(56.60.2) <E02ED3C9-4956-39C4-AF0A-B541EEDD3F1B>
/usr/lib/libssl.46.dylib

0x7fff32e39000 - 0x7fff32ee8fff
com.apple.DiskImagesFramework (595.40.1 - 595.40.1) <3139EC22-A8F2-3F26-8953-7961C97E7CEF>
/System/Library/PrivateFrameworks/DiskImages.framework/Versions/A/DiskImages

0x7fff32f20000 - 0x7fff32f2ffff
com.apple.xpc.RemoteServiceDiscovery (1.0 - 2038.80.3)
<78AF1606-37D8-3424-92AE-071A9F43AA0F>
/System/Library/PrivateFrameworks/RemoteServiceDiscovery.framework/Versions/A/RemoteServiceDiscovery

0x7fff32f30000 - 0x7fff32f47fff com.apple.xpc.RemoteXPC
(1.0 - 2038.80.3) <C4BFF5FC-FC9C-3161-9612-7070EDAE9989>
/System/Library/PrivateFrameworks/RemoteXPC.framework/Versions/A/RemoteXPC

0x7fff32f8f000 - 0x7fff32f92fff com.apple.help (1.3.8 - 71)
<6074D81C-4507-35A6-88D7-D82309F81587>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help

0x7fff32f93000 - 0x7fff32f9afff com.apple.EFILogin (2.0 - 2)
<B06CCD1C-A4D1-34D2-89C5-0DB69FE65234>
/System/Library/PrivateFrameworks/EFILogin.framework/Versions/A/EFILogin

0x7fff32f9b000 - 0x7fff32fa6fff libcsfde.dylib (554)
<9CDB9580-DD1C-347E-91C5-6D92D96F52F5> /usr/lib/libcsfde.dylib

0x7fff32fa7000 - 0x7fff3300cfff libcurl.4.dylib
(121.40.2) <77010EA9-4AD1-3F4A-B3EF-2FFE739FB349>
/usr/lib/libcurl.4.dylib

0x7fff3300d000 - 0x7fff33014fff com.apple.LoginUICore
(4.0 - 4.0) <7225326A-7704-362D-B64E-4ABF4A221F88>
/System/Library/PrivateFrameworks/LoginUIKit.framework/Versions/A/Frameworks/LoginUICore.framework/Versions/A/LoginUICore

0x7fff33015000 - 0x7fff33078fff com.apple.AppSupport
(1.0.0 - 29) <21E116C6-C770-3024-98EB-51D1166AACD2>
/System/Library/PrivateFrameworks/AppSupport.framework/Versions/A/AppSupport

0x7fff331d4000 - 0x7fff331d4fff
com.apple.ApplicationServices (48 - 50) <42B48E32-1918-3178-8DE0-E8126B9EC088>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/ApplicationServices

0x7fff334d5000 - 0x7fff334d5fff libHeimdalProxy.dylib
(79) <85526E13-1E48-377A-A700-EE3F5648A6E3>
/System/Library/Frameworks/Kerberos.framework/Versions/A/Libraries/libHeimdalProxy.dylib

```

    0x7fff33588000 -      0x7fff33588fff
com.apple.audio.units.AudioUnit (1.14 - 1.14) <8CF768B8-836B-
3DA8-9F0A-8CF840348202>
/System/Library/Frameworks/AudioUnit.framework/Versions/A/AudioU
nit
    0x7fff335f0000 -      0x7fff33610fff
com.apple.DuetActivityScheduler (1.0 - 1) <D79A0262-FCD5-3DBA-
A74E-83561A068DE9>
/System/Library/PrivateFrameworks/DuetActivityScheduler.framewor
k/Versions/A/DuetActivityScheduler
    0x7fff33624000 -      0x7fff33631fff
com.apple.IntentsFoundation (1.0 - 1) <26DD9F93-6868-3614-AB70-
9C08A4D45E6D>
/System/Library/PrivateFrameworks/IntentsFoundation.framework/Ve
rsions/A/IntentsFoundation
    0x7fff33632000 -      0x7fff33637fff com.apple.PushKit (1.0
- 1) <4D0A6539-611C-3B9C-A67D-D45CDEEC8CDC>
/System/Library/Frameworks/PushKit.framework/Versions/A/PushKit
    0x7fff33638000 -      0x7fff3366efff com.apple.C2 (1.3 -
569) <817D8F9D-1801-3E6D-846A-7002174B59CB>
/System/Library/PrivateFrameworks/C2.framework/Versions/A/C2
    0x7fff336a1000 -      0x7fff33eaefff
com.apple.vision.EspressoFramework (1.0 - 256.2.2) <70E23334-
A179-3671-A930-A7AB9EC77BDD>
/System/Library/PrivateFrameworks/Esspresso.framework/Versions/A/
Espresso
    0x7fff33eaf000 -      0x7fff33ec6fff com.apple.ANEServices
(4.52 - 4.52) <50EF6199-93EF-3227-B64A-313BC1DF41AE>
/System/Library/PrivateFrameworks/ANEServices.framework/Versions
/A/ANEServices
    0x7fff33fe3000 -      0x7fff33fe5fff
com.apple.CoreDuetDebugLogging (1.0 - 1) <F7AB97DD-5417-3665-
82C9-85A08BFB35DD>
/System/Library/PrivateFrameworks/CoreDuetDebugLogging.framework
/Versions/A/CoreDuetDebugLogging
    0x7fff33fe6000 -      0x7fff33ff3fff
com.apple.CoreDuetDaemonProtocol (1.0 - 1) <A0A5CA0A-6894-3002-
9429-A1E79B0A9CFB>
/System/Library/PrivateFrameworks/CoreDuetDaemonProtocol.framewo
rk/Versions/A/CoreDuetDaemonProtocol
    0x7fff3453f000 -      0x7fff3458ffff
com.apple.ChunkingLibrary (334 - 334) <CBEBDC8A-CCE4-3A21-915C-
D2F3FB20B900>
/System/Library/PrivateFrameworks/ChunkingLibrary.framework/Vers
ions/A/ChunkingLibrary
    0x7fff34e41000 -      0x7fff34e43fff
com.apple.ConstantClasses (1.0 - 1) <DC2F3D52-27C4-37D2-9BBD-
A38BD9251EDC>

```

```

/System/Library/PrivateFrameworks/ConstantClasses.framework/Versions/A/ConstantClasses
    0x7fff34e5b000 -      0x7fff34e71fff
com.apple.CoreML.AppleNeuralEngine (1.0 - 1) <A2E78405-4382-3A23-8638-56E1A5D14543>
/System/Library/PrivateFrameworks/AppleNeuralEngine.framework/Versions/A/AppleNeuralEngine
    0x7fff34fd7000 -      0x7fff34fdafff com.apple.Cocoa (6.11 - 23) <B0F6AF8E-B85C-3C5C-9812-9CD8BC07ADB2>
/System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa
    0x7fff363b7000 -      0x7fff363e7fff libtidy.A.dylib (18.1) <BC4092C7-0552-3731-803D-6EB555E4E6E1> /usr/lib/libtidy.A.dylib
    0x7fff3640a000 -      0x7fff3641dfff com.apple.Engram (1.0 - 1) <FDBB418F-1A84-37FF-AE47-3A9722502CE7>
/System/Library/PrivateFrameworks/Engram.framework/Versions/A/Engram
    0x7fff3641e000 -      0x7fff36439fff com.apple.openscripting (1.7 - 190) <E3815884-A406-3CF6-82C1-BEDC772A9081>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/OpenScripting.framework/Versions/A/OpenScripting
    0x7fff3643a000 -      0x7fff3643dfff com.apple.securityhi (9.0 - 55008) <F7E1C957-65AF-39E5-8BBA-9D7C7C9D30B6>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SecurityHI.framework/Versions/A/SecurityHI
    0x7fff3643e000 -      0x7fff36441fff com.apple.ink.framework (10.15 - 227) <E3D118A5-7A62-3893-ADAC-E0A9F45314C9>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Ink.framework/Versions/A/Ink
    0x7fff36442000 -      0x7fff36445fff com.apple.CommonPanels (1.2.6 - 101) <F46676FA-60F3-30CC-BF48-F5BB6E66E576>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/CommonPanels.framework/Versions/A/CommonPanels
    0x7fff36446000 -      0x7fff3644dfff com.apple.ImageCapture (1708.1 - 1708.1) <AC709D2F-7C16-3645-BB20-19DD1414E210>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/A/ImageCapture
    0x7fff38d8c000 -      0x7fff38d8cfff com.apple.marco (10.0 - 1000) <8B63B018-077A-3B28-9264-A17A0895351F>
/System/Library/PrivateFrameworks/Marco.framework/Versions/A/Marco
    0x7fff3943b000 -      0x7fff3943efff
com.apple.OSAServicesClient (1.0 - 1) <201350F5-56C4-3342-AD10-4BE20772C52B>
/System/Library/PrivateFrameworks/OSAServicesClient.framework/Versions/A/OSAServicesClient
    0x7fff3947a000 -      0x7fff39489fff
com.apple.accessibility.AXCoreUtilities (1.0 - 1) <E88A8DAB-1E43-32E6-8DC9-EB5C99815C28>

```

```

/System/Library/PrivateFrameworks/AXCoreUtilities.framework/Versions/A/AXCoreUtilities
    0x7fff3948a000 -      0x7fff394a1fff  libAccessibility.dylib
(2885.15.7) <DE2DA1FC-C046-3551-98A2-06F5118F73DA>
/usr/lib/libAccessibility.dylib
    0x7fff3d144000 -      0x7fff3d147fff
com.apple.print.framework.Print (15 - 271) <F3F40AFD-1743-34E6-8BD3-6A577E3BD590>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Print.framework/Versions/A/Print
    0x7fff3d148000 -      0x7fff3d14bfff  com.apple.Carbon (160 - 164) <7395C7E9-AE3B-3547-8773-4F3A70B241AA>
/System/Library/Frameworks/Carbon.framework/Versions/A/Carbon
    0x7fff3d366000 -      0x7fff3d3c5fff  libquic.dylib
(2288.80.2) <44793425-FD01-38B4-AD8C-DEBCE56B92C5>
/usr/lib/libquic.dylib
    0x7fff3d3d0000 -      0x7fff3d3effff
com.apple.private.SystemPolicy (1.0 - 1) <29F5E3FE-CF12-3242-9FD3-4950DA38E4D0>
/System/Library/PrivateFrameworks/SystemPolicy.framework/Version
s/A/SystemPolicy
    0x7fff3d541000 -      0x7fff3d59bfff
com.apple.AccessibilitySharedSupport (1.0 - 1) <09AF1146-25F7-3704-AD2C-0760A45FFD92>
/System/Library/PrivateFrameworks/AccessibilitySharedSupport.fra
mework/Versions/A/AccessibilitySharedSupport
    0x7fff3dd19000 -      0x7fff3dd24fff
com.apple.MallocStackLogging (1.0 - 1) <507894FA-6738-372B-9A10-C38AFC9DA079>
/System/Library/PrivateFrameworks/MallocStackLogging.framework/V
ersions/A/MallocStackLogging
    0x7fff3dd25000 -      0x7fff3dd27fff  liblog_network.dylib
(2288.80.2) <96C24592-23AA-3388-A411-EDF3483B4EB9>
/usr/lib/log/liblog_network.dylib
    0x7fff3dd3a000 -      0x7fff3dd4cfff  libmis.dylib (274.60.2)
<6C720DC2-E50E-3A8D-8494-F8C007DF8DF4> /usr/lib/libmis.dylib
    0x7fff4046d000 -      0x7fff404f0fff  com.apple.TextInput
(1.0 - 1.0) <858479E0-C5AA-30AD-A630-48FC82A5D1F3>
/System/Library/PrivateFrameworks/TextInput.framework/Versions/A
/TextInput
    0x7fff41946000 -      0x7fff41964fff  libCGInterfaces.dylib
(544.2) <2BC461CE-B7FA-33F3-A36B-64F54FB371B5>
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frame
works/vImage.framework/Versions/A/Libraries/libCGInterfaces.dyli
b
    0x7fff46c55000 -      0x7fff46c60fff
libGPUSupportMercury.dylib (18.1.1) <1321060E-8F56-3917-8F4D-510A4DB45798>

```

```
/System/Library/PrivateFrameworks/GPUSupport.framework/Versions/  
A/Libraries/libGPUSupportMercury.dylib  
    0x7fff482c3000 -    0x7fff48312fff  
com.apple.osanalytics.OSAnalytics (1.0 - 1) <CADD88A2-87A8-3879-  
8759-D3C112A6844F>  
/System/Library/PrivateFrameworks/OSAnalytics.framework/Versions  
/A/OSAnalytics  
    0x7fff52251000 -    0x7fff5227ffff com.apple.HelpData (2.3  
- 200) <76AA2951-C5AA-3A31-A4CA-62E28DF02A84>  
/System/Library/PrivateFrameworks/HelpData.framework/Versions/A/  
HelpData  
    0x7fff52280000 -    0x7fff5229afff com.apple.shortcut  
(2.16 - 117) <389381A8-F3EF-3143-AE06-1D91D0D57777>  
/System/Library/PrivateFrameworks/Shortcut.framework/Versions/A/  
Shortcut  
    0x7fff5229b000 -    0x7fff5232dfff com.apple.Symbolication  
(12.2 - 64541.7.1) <FA39B702-6E08-3F11-953F-5EC1EFB993BB>  
/System/Library/PrivateFrameworks/Symbolication.framework/Versio  
ns/A/Symbolication  
    0x7fff5641c000 -    0x7fff56457fff com.apple.glut (3.6.20  
- GLUT-3.6.9) <A3ABE32E-CED8-3B38-816F-C3CB6A4B8841>  
/System/Library/Frameworks/GLUT.framework/Versions/A/GLUT  
    0x7fff5ef07000 -    0x7fff5f91afff libSC.dylib (4.2.15)  
<86667FD2-E9BB-39FE-82E9-7B1F0230A922>  
/System/Library/Extensions/AMDSHared.bundle/Contents/PlugIns/lib  
SC.dylib  
    0x7fff6c89a000 -    0x7fff6c8a0fff libCoreFSCache.dylib  
(177.22) <44489BD1-3963-35DF-86F1-DE95778AC0DB>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries  
/libCoreFSCache.dylib  
    0x7fff6c8a1000 -    0x7fff6c8a5fff libCoreVMClient.dylib  
(177.22) <989F6CBF-CCEF-340D-9CB5-EC4133707040>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries  
/libCoreVMClient.dylib  
    0x7fff6c8a6000 -    0x7fff6c8b5fff com.apple.opengl  
(18.1.1 - 18.1.1) <F70AF1B3-D17A-3A0E-A8AC-9D45C5B52BA9>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/OpenGL  
    0x7fff6c8b6000 -    0x7fff6c8b8fff  
libCVMSPluginSupport.dylib (18.1.1) <AF77D964-9A4C-3690-AF62-  
4E05825DC9BF>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries  
/libCVMSPluginSupport.dylib  
    0x7fff6c8b9000 -    0x7fff6c8c1fff libGFXShared.dylib  
(18.1.1) <45A1FFDC-03B7-3D64-AFAF-16D321B53D28>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries  
/libGFXShared.dylib  
    0x7fff6c8c2000 -    0x7fff6c8f5fff libGLImage.dylib  
(18.1.1) <16D10CE1-C2A1-3E24-A617-766CB6E9133C>
```

```

/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries
/libGLImage.dylib
    0x7fff6c8f6000 -      0x7fff6c932fff  libGLU.dylib (18.1.1)
<F0DD35B5-3692-3BE5-AD3D-4F6B237EF6AD>
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries
/libGLU.dylib
    0x7fff6c933000 -      0x7fff6cac7fff
libGLProgrammability.dylib (18.1.1) <F8A8DACC-1932-3DEF-A269-
396E4981B4D0>
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries
/libGLProgrammability.dylib
    0x7fff6cac8000 -      0x7fff6cad2fff  libGL.dylib (18.1.1)
<68ABAADE-2DB4-3412-9F36-CA1AEAC8E9F6>
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries
/libGL.dylib
    0x7fff6cad3000 -      0x7fff6cc4efff  GLEngine (18.1.1)
<2C9F1F38-F0CA-3416-9A6E-C0E3F40C3AAC>
/System/Library/Frameworks/OpenGL.framework/Versions/A/Resources
/GLEngine.bundle/GLEngine
    0x7fff6cc4f000 -      0x7fff6cc78fff  GLRendererFloat
(18.1.1) <A66AB383-EE4C-325C-8115-78F2B3FFECC7>
/System/Library/Frameworks/OpenGL.framework/Versions/A/Resources
/GLRendererFloat.bundle/GLRendererFloat
    0x7fff6ddf09000 -      0x7fff6ddf61fff  com.apple.opengl (4.5 -
4.5) <40B70A3B-D981-3E4A-9BEC-F22EF84118F5>
/System/Library/Frameworks/OpenCL.framework/Versions/A/OpenCL
    0x7fff6ede4000 -      0x7fff6ee33fff
ATIRadeonX4000SCLib.dylib (4.2.15) <15BBABAC-572B-35BB-B086-
7B7FCE9A4FE7>
/System/Library/Extensions/AMDRadeonX4000GLDriver.bundle/Content
s/MacOS/ATIRadeonX4000SCLib.dylib
    0x7fff6efe0000 -      0x7fff6efe7fff  com.apple.agl (3.3.4 -
AGL-3.3.3) <25240534-44D6-3350-9C56-0D0CEAC3830B>
/System/Library/Frameworks/AGL.framework/Versions/A/AGL
    0x7fff6f7f3000 -      0x7fff6f815fff  com.apple.audio.OpenAL
(1.8 - 1.8) <43D5D99A-39C3-30F3-BB9E-5B83EEA9DAFD>
/System/Library/Frameworks/OpenAL.framework/Versions/A/OpenAL
    0x7fff780ce000 -      0x7fff780d5fff  libRosetta.dylib
(203.30) <44C477D9-013F-3A6D-A9FE-68A89214E6A5>
/usr/lib/libRosetta.dylib

```

External Modification Summary:

Calls made by other processes targeting this process:

task_for_pid: 3

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: 82900
    thread_create: 0
    thread_set_state: 0

```

VM Region Summary:

```

ReadOnly portion of Libraries: Total=803.7M resident=0K(0%)
swapped_out_or_unallocated=803.7M(100%)
Writable regions: Total=2.4G written=0K(0%) resident=0K(0%)
swapped_out=0K(0%) unallocated=2.4G(100%)

```

REGION TYPE	VIRTUAL SIZE	REGION COUNT (non-coalesced)
=====	=====	=====
Accelerate framework	512K	4
Activity Tracing	256K	1
CG backing stores	5760K	6
CG image	136K	7
CoreAnimation	68K	7
CoreGraphics	12K	2
CoreUI image data	976K	9
Foundation	16K	1
Kernel Alloc Once	8K	1
MALLOC	2.1G	1906
MALLOC guard page	48K	12
MALLOC_LARGE (reserved)	10.0M	1
reserved VM address space (unallocated)		
MALLOC_NANO (reserved)	256.0M	1
reserved VM address space (unallocated)		
OpenGL GLSL	256K	3
SQLite page cache	128K	2
STACK GUARD	56.1M	15
Stack	15.1M	15
VM_ALLOCATE	7680K	151
__CTF	759	1
__DATA	37.6M	382
__DATA_CONST	17.6M	227
__DATA_DIRTY	946K	134
__FONT_DATA	4K	1
__GLSLBUILTINS	5176K	1
__LINKEDIT	494.5M	14
__OBJC_RO	60.5M	1
__OBJC_RW	2449K	2
__TEXT	309.3M	383
__UNICODE	588K	1
libnetwork	128K	8

mapped file	218.9M	21
shared memory	44K	5
=====	=====	=====
TOTAL	3.5G	3325
TOTAL, minus reserved VM space	3.3G	3325

Model: iMac19,1, BootROM 1554.80.3.0.0, 6 processors, 6-Core
 Intel Core i5, 3.7 GHz, 16 GB, SMC 2.46f12
 Graphics: kHW_AMDRadeonPro580XItem, Radeon Pro 580X,
 spdisplays_pcie_device, 8 GB
 Memory Module: BANK 0/ChannelA-DIMM0, 8 GB, DDR4, 2667 MHz,
 Micron, 8ATF1G64HZ-2G6E3
 Memory Module: BANK 2/ChannelB-DIMM0, 8 GB, DDR4, 2667 MHz,
 Micron, 8ATF1G64HZ-2G6E3
 AirPort: spairport_wireless_card_type_airport_extreme (0x14E4,
 0x7BF), wl0: Sep 11 2020 16:57:49 version 9.30.440.2.32.5.61
 FWID 01-129bddb
 Bluetooth: Version 8.0.3d9, 3 services, 27 devices, 1 incoming
 serial ports
 Network Service: Wi-Fi, AirPort, en1
 Serial ATA Device: APPLE HDD ST2000DM001, 2 TB
 USB Device: USB 3.1 Bus
 USB Device: FaceTime HD Camera (Built-in)
 Thunderbolt Bus: iMac, Apple Inc., 47.4