Process: Terragen 4 [3619]
Path: /Applications/Terragen 4/Terragen 4.app/Contents/MacOS/
Terragen 4
Identifier: uk.co.planetside.Terragen-4
Version: v4.2.10.0 (1.0)
Code Type: X86-64 (Native)
Parent Process: ??? [1]
Responsible: Terragen 4 [3619]
User ID: 501

Date/Time: 2018-07-27 10:46:38.204 +0200
OS Version: Mac OS X 10.13.6 (17G65)
Report Version: 12
Bridge OS Version: 3.0 (14Y664)
Anonymous UUID: 701FA905-97E2-65D6-F267-2AA8F8F3F96A

Sleep/Wake UUID: FD475119-9F2D-4D2F-BB34-0702DB218525

Time Awake Since Boot: 21000 seconds
Time Since Wake: 1700 seconds

System Integrity Protection: disabled

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

Exception Type: EXC_BAD_INSTRUCTION (SIGILL)
Exception Codes: 0x0000000000000001, 0x0000000000000000
Exception Note: EXC_CORPSE_NOTIFY

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

Thread 0 Crashed:: Dispatch queue: com.apple.main-thread
0   uk.co.planetside.trlib   0x000000010bd8da94
trImageApplyOp::~trImageApplyOp() + 4
1   uk.co.planetside.trlib   0x000000010bd99070
trRenderPostAtmoFilter::Render(trFImageList&, int) + 1040
2   uk.co.planetside.trlib   0x000000010bd861e1
trRenderPostImageFilter::Render(trFImageList&, int) + 129
3   uk.co.planetside.trlib   0x000000010bd93469
trRender::Process2dPostEffects() + 57
4   uk.co.planetside.trlib   0x000000010bcc9755 trRender::PreFinish(bool)
+ 181

5   uk.co.planetside.tglib   0x000000010b53d490
juRenderNode::FinishRender(int) + 96
6   uk.co.planetside.tglib   0x000000010b54852b
juRenderNode::RenderMore() + 2459
7   uk.co.planetside.tglib   0x000000010b4b101d 0x10b49a000 + 94237
8   com.jomeder.UCMessengerLib   0x0000000109c6cf8b
UnderC::details::UCMessageRoutingImp::DispatchMessage(UnderC::UCMesse
nger*, UnderC::UCMessage&) + 193
9   com.jomeder.UCMessengerLib   0x0000000109c68fd4
UnderC::UCMessenger::SendAMessage(UnderC::UCMessage&) + 134
10 com.jomeder.UCMessengerLib   0x0000000109c68f1c
UnderC::UCMessenger::SendAMessage(unsigned int, void*) + 42
11 com.apple.Foundation   0x00007fff3099d739 __NSFireTimer + 83
12 com.apple.CoreFoundation   0x00007fff2e833014
__CFRUNLOOP_IS_CALLING_OUT_TO_A_TIMER_CALLBACK_FUNCTION__ + 20
13 com.apple.CoreFoundation   0x00007fff2e832c87 __CFRunLoopDoTimer
+ 1095
14 com.apple.CoreFoundation   0x00007fff2e83278a __CFRunLoopDoTimers
+ 346
15 com.apple.CoreFoundation   0x00007fff2e829d5b __CFRunLoopRun +
2427
16 com.apple.CoreFoundation   0x00007fff2e829153
CFRunLoopRunSpecific + 483
17 com.apple.HIToolbox   0x00007fff2db13d96
RunCurrentEventLoopInMode + 286
18 com.apple.HIToolbox   0x00007fff2db13b06
ReceiveNextEventCommon + 613
19 com.apple.HIToolbox   0x00007fff2db13884
_BlockUntilNextEventMatchingListInModeWithFilter + 64
20 com.apple.AppKit   0x00007fff2bdc4a73 _DPSNextEvent +
2085
21 com.apple.AppKit   0x00007fff2c55ae34 -[NSApplication(NSEvent)
_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 3044
22 com.apple.AppKit   0x00007fff2bdb9885 -[NSApplication run]
+ 764
23 uk.co.planetside.tglib   0x000000010b93ee9f
UnderC::UCEventManager::Run() + 111
24 uk.co.planetside.tglib   0x000000010b98baec UCMain(int, char
const**) + 380
25 uk.co.planetside.Terragen-4   0x00000001099d0e9d 0x1099d0000 +
3741
26 libdyld.dylib   0x00007fff5666a015 start + 1

Thread 1:
0   libsystem_kernel.dylib   0x00007fff567bb28a __workq_kernreturn +
10

```
1   libsystem_pthread.dylib          0x00007fff56982009 _pthread_wqthread +
1035
2   libsystem_pthread.dylib          0x00007fff56981be9 start_wqthread + 13


Thread 2:: com.apple.NSEventThread
0   libsystem_kernel.dylib           0x00007fff567b120a mach_msg_trap + 10
1   libsystem_kernel.dylib       0x00007fff567b0724 mach_msg + 60
2   com.apple.CoreFoundation     0x00007fff2e82a785
__CFRunLoopServiceMachPort + 341
3   com.apple.CoreFoundation     0x00007fff2e829ad7 __CFRunLoopRun +
1783
4   com.apple.CoreFoundation     0x00007fff2e829153
CFRunLoopRunSpecific + 483
5   com.apple.AppKit         0x00007fff2bf01fc4 _NSEventThread + 184
6   libsystem_pthread.dylib          0x00007fff56982661 _pthread_body + 340
7   libsystem_pthread.dylib          0x00007fff5698250d _pthread_start + 377
8   libsystem_pthread.dylib          0x00007fff56981bf9 thread_start + 13


Thread 3:
0   libsystem_kernel.dylib           0x00007fff567bb28a __workq_kernreturn +
10
1   libsystem_pthread.dylib          0x00007fff5698220e _pthread_wqthread +
1552
2   libsystem_pthread.dylib          0x00007fff56981be9 start_wqthread + 13


Thread 4:
0   libsystem_kernel.dylib           0x00007fff567baa16 __psynch_cvwait + 10
1   libsystem_pthread.dylib          0x00007fff56983589 _pthread_cond_wait +
732
2   libembree.2.dylib         0x000000010d32d340
embree::TaskSchedulerTBB::ThreadPool::thread_loop(unsigned long) + 80
3   libembree.2.dylib         0x000000010d9c0980
embree::threadStartup(embree::ThreadStartupData*) + 48
4   libsystem_pthread.dylib          0x00007fff56982661 _pthread_body + 340
5   libsystem_pthread.dylib          0x00007fff5698250d _pthread_start + 377
6   libsystem_pthread.dylib          0x00007fff56981bf9 thread_start + 13


Thread 5:
0   libsystem_kernel.dylib           0x00007fff567baa16 __psynch_cvwait + 10
1   libsystem_pthread.dylib          0x00007fff56983589 _pthread_cond_wait +
732
2   libembree.2.dylib         0x000000010d32d340
embree::TaskSchedulerTBB::ThreadPool::thread_loop(unsigned long) + 80
3   libembree.2.dylib         0x000000010d9c0980
embree::threadStartup(embree::ThreadStartupData*) + 48
4   libsystem_pthread.dylib          0x00007fff56982661 _pthread_body + 340
```

```
5   libsystem_pthread.dylib          0x00007fff5698250d _pthread_start + 377
6   libsystem_pthread.dylib          0x00007fff56981bf9 thread_start + 13


Thread 6:
0   libsystem_kernel.dylib           0x00007fff567baa16 __psynch_cvwait + 10
1   libsystem_pthread.dylib          0x00007fff56983589 _pthread_cond_wait +
732
2   libembree.2.dylib        0x000000010d32d340
embree::TaskSchedulerTBB::ThreadPool::thread_loop(unsigned long) + 80
3   libembree.2.dylib        0x000000010d9c0980
embree::threadStartup(embree::ThreadStartupData*) + 48
4   libsystem_pthread.dylib          0x00007fff56982661 _pthread_body + 340
5   libsystem_pthread.dylib          0x00007fff5698250d _pthread_start + 377
6   libsystem_pthread.dylib          0x00007fff56981bf9 thread_start + 13


Thread 7:
0   libsystem_kernel.dylib           0x00007fff567baa16 __psynch_cvwait + 10
1   libsystem_pthread.dylib          0x00007fff56983589 _pthread_cond_wait +
732
2   libembree.2.dylib        0x000000010d32d340
embree::TaskSchedulerTBB::ThreadPool::thread_loop(unsigned long) + 80
3   libembree.2.dylib        0x000000010d9c0980
embree::threadStartup(embree::ThreadStartupData*) + 48
4   libsystem_pthread.dylib          0x00007fff56982661 _pthread_body + 340
5   libsystem_pthread.dylib          0x00007fff5698250d _pthread_start + 377
6   libsystem_pthread.dylib          0x00007fff56981bf9 thread_start + 13


Thread 8:
0   libsystem_kernel.dylib           0x00007fff567baa16 __psynch_cvwait + 10
1   libsystem_pthread.dylib          0x00007fff56983589 _pthread_cond_wait +
732
2   libembree.2.dylib        0x000000010d32d340
embree::TaskSchedulerTBB::ThreadPool::thread_loop(unsigned long) + 80
3   libembree.2.dylib        0x000000010d9c0980
embree::threadStartup(embree::ThreadStartupData*) + 48
4   libsystem_pthread.dylib          0x00007fff56982661 _pthread_body + 340
5   libsystem_pthread.dylib          0x00007fff5698250d _pthread_start + 377
6   libsystem_pthread.dylib          0x00007fff56981bf9 thread_start + 13


Thread 9:
0   libsystem_kernel.dylib           0x00007fff567baa16 __psynch_cvwait + 10
1   libsystem_pthread.dylib          0x00007fff56983589 _pthread_cond_wait +
732
2   libembree.2.dylib        0x000000010d32d340
embree::TaskSchedulerTBB::ThreadPool::thread_loop(unsigned long) + 80
3   libembree.2.dylib        0x000000010d9c0980
```

embree::threadStartup(embree::ThreadStartupData*) + 48
4   libsystem_pthread.dylib   0x00007fff56982661 _pthread_body + 340
5   libsystem_pthread.dylib   0x00007fff5698250d _pthread_start + 377
6   libsystem_pthread.dylib   0x00007fff56981bf9 thread_start + 13

Thread 10:
0   libsystem_kernel.dylib   0x00007fff567baa16 __psynch_cvwait + 10
1   libsystem_pthread.dylib   0x00007fff56983589 _pthread_cond_wait +
732
2   libembree.2.dylib   0x000000010d32d340
embree::TaskSchedulerTBB::ThreadPool::thread_loop(unsigned long) + 80
3   libembree.2.dylib   0x000000010d9c0980
embree::threadStartup(embree::ThreadStartupData*) + 48
4   libsystem_pthread.dylib   0x00007fff56982661 _pthread_body + 340
5   libsystem_pthread.dylib   0x00007fff5698250d _pthread_start + 377
6   libsystem_pthread.dylib   0x00007fff56981bf9 thread_start + 13

Thread 11:
0   libsystem_kernel.dylib   0x00007fff567bb28a __workq_kernreturn +
10
1   libsystem_pthread.dylib   0x00007fff5698220e _pthread_wqthread +
1552
2   libsystem_pthread.dylib   0x00007fff56981be9 start_wqthread + 13

Thread 0 crashed with X86 Thread State (64-bit):
  rax: 0x000060c00006d280 rbx: 0x0000608000070740 rcx:
0x00000000000127f9 rdx: 0x00000000000127f8
  rdi: 0x0000608000322620 rsi: 0x0000000000000008 rbp:
0x00007ffee622bf80 rsp: 0x00007ffee622bf80
   r8: 0x0000000000002a7f   r9: 0x00000000000009dc r10:
0x00007fff8f16b2cc r11: 0x0000000000000246
  r12: 0x000060800006ec40 r13: 0x0000608000070770 r14:
0x0000608000322620 r15: 0x0000608000070770
  rip: 0x000000010bd8da94 rfl: 0x0000000000010202 cr2:
0x000000014e657000

Logical CPU: 2
Error Code: 0x00000000
Trap Number: 6

Binary Images:
     0x1099d0000 -   0x1099d0fff +uk.co.planetside.Terragen-4 (v4.2.10.0 -
1.0) <5EB67B65-580E-31C8-AB64-601AE7AE237F> /Applications/Terragen 4/
Terragen 4.app/Contents/MacOS/Terragen 4
     0x1099d7000 -   0x109a1bfff +se.haxx.curl.libcurl (libcurl 7.36.0 -

7.36.0) <18123DCB-A68C-3DA2-A776-8C271037143F> /Applications/Terragen 4/Terragen 4.app/Contents/Frameworks/libcurl.framework/Versions/Release-7.36.0/libcurl

    0x109a2a000 -   0x109a46ff7 +uk.co.planetside.expat (1.0 - 1.0) <01FCCE64-B4AA-313D-8526-4FF6783E66A3> /Applications/Terragen 4/Terragen 4.app/Contents/Frameworks/expat.framework/Versions/A/expat

    0x109a50000 -   0x109a79fff +uk.co.planetside.glew (1.0 - 1) <8CE48D35-5F10-3CA0-9D18-C55193E5D817> /Applications/Terragen 4/Terragen 4.app/Contents/Frameworks/glew.framework/Versions/A/glew

    0x109aad000 -   0x109ae4fe7 +libtbb.dylib (0) <7DD3899F-D4C8-34EF-970B-E9C63E379493> /Applications/Terragen 4/Terragen 4.app/Contents/MacOS/libtbb.dylib

    0x109b24000 -   0x109b4cfff +uk.co.planetside.ftgl (1.0 - 1) <4764B44D-C8B8-3E9D-8054-4C3D74567D53> /Applications/Terragen 4/Terragen 4.app/Contents/Frameworks/ftgl.framework/Versions/A/ftgl

    0x109b63000 -   0x109c46fff +uk.co.planetside.freetype2 (1.0 - 1) <7BCD4F3F-CD3B-3B7A-BD72-EA01E53D7BD3> /Applications/Terragen 4/Terragen 4.app/Contents/Frameworks/freetype.framework/Versions/A/freetype

    0x109c67000 -   0x109c6ffff +com.jomeder.UCMessengerLib (1.0 - 1.0) <0EF43A43-4C20-3853-8087-DE79EE5DAC71> /Applications/Terragen 4/Terragen 4.app/Contents/Frameworks/UCMessengerLib.framework/Versions/A/UCMessengerLib

    0x109c7a000 -   0x109c9dff7 +libtbbmalloc.dylib (0) <61A62598-7A49-33F9-B0CE-CCB6B14949DA> /Applications/Terragen 4/Terragen 4.app/Contents/MacOS/libtbbmalloc.dylib

    0x109ce6000 -   0x109d30acf dyld (551.4) <8A72DE9C-A136-3506-AA02-4BA2B82DCAF3> /usr/lib/dyld

    0x109d84000 -   0x10a827fff +libfbxsdk.dylib (0) <82CC6FBB-A5C6-37CF-B7F0-9E9BECAEA7D8> /Applications/Terragen 4/Terragen 4.app/Contents/MacOS/libfbxsdk.dylib

    0x10abc5000 -   0x10b235ff7 +uk.co.planetside.gdal (1.0 - 1) <5BECD849-0AEC-342D-8AEE-26BD2561008E> /Applications/Terragen 4/Terragen 4.app/Contents/Frameworks/GDAL.framework/Versions/1.10/GDAL

    0x10b49a000 -   0x10bb2bff7 +uk.co.planetside.tglib (1.0 - 1.0) <FC7C3DD0-A05A-3F60-911F-63DC9DD6CD4C> /Applications/Terragen 4/Terragen 4.app/Contents/Frameworks/tglib.framework/Versions/A/tglib

    0x10bc7d000 -   0x10c0c4ff7 +uk.co.planetside.trlib (1.0 - 1.0) <BF083DC3-805A-351A-B807-5B00E1EF3276> /Applications/Terragen 4/Terragen 4.app/Contents/Frameworks/trlib.framework/Versions/A/trlib

    0x10d32b000 -   0x10da84fef +libembree.2.dylib (2.9) <6161796C-255D-3191-8AC4-B7ED9A52FD04> /Applications/Terragen 4/Terragen 4.app/Contents/MacOS/libembree.2.dylib

    0x10dbfb000 -   0x10dc2aff7 +libopenjp2.2.0.0.dylib (2) <7B8B8115-4D1B-3EC1-8A35-3A2DC0573921> /Applications/Terragen 4/Terragen 4.app/Contents/MacOS/libopenjp2.2.0.0.dylib

    0x11c5bb000 -   0x11c5bdff7 +liblexMath.12.0.0.dylib (0)

<1DAB3B87-8D08-303A-88B8-2DAD3231E4DF> /Applications/Terragen 4/
Terragen 4.app/Contents/MacOS/libIexMath.12.0.0.dylib
      0x121645000 -   0x12164cff7 +libIlmThread.12.0.0.dylib (0)
<99354330-BFFB-3262-990D-97725682AEDB> /Applications/Terragen 4/
Terragen 4.app/Contents/MacOS/libIlmThread.12.0.0.dylib
      0x121670000 -   0x1217a7fff com.apple.AMDMTLBronzeDriver (1.68.20
- 1.6.8) <C5D6A803-7CE1-32BD-BE34-C518131CED8B> /System/Library/
Extensions/AMDMTLBronzeDriver.bundle/Contents/MacOS/
AMDMTLBronzeDriver
      0x121b49000 -   0x121cb3fff +uk.co.planetside.tgstd (1.0 - 1.0)
<C52251C0-8F24-373E-A705-5A84F51B6694> /Applications/Terragen 4/
Terragen 4.app/Contents/PlugIns/tgstd.bundle/Contents/MacOS/tgstd
      0x121d22000 -   0x121d70fff +uk.co.planetside.tgimg (1.0 - 1.0)
<5FE06BCF-39BF-3A90-B82C-491333C58B0D> /Applications/Terragen 4/
Terragen 4.app/Contents/PlugIns/tgimg.bundle/Contents/MacOS/tgimg
      0x121d7f000 -   0x121dc1ff7 +libHalf.12.0.0.dylib (0) <48E48797-
BD51-3B65-ABC9-6A2AD86C7050> /Applications/Terragen 4/Terragen 4.app/
Contents/MacOS/libHalf.12.0.0.dylib
      0x121dc8000 -   0x122089fe7 +libIlmImf.22.0.0.dylib (0)
<1C04B013-6581-38FB-B3F8-E27B797F4A9A> /Applications/Terragen 4/
Terragen 4.app/Contents/MacOS/libIlmImf.22.0.0.dylib
      0x1222ec000 -   0x122307ff7 +libImath.12.0.0.dylib (0) <849F7184-
F3A9-31C3-B3CB-FF455F16F2F4> /Applications/Terragen 4/Terragen 4.app/
Contents/MacOS/libImath.12.0.0.dylib
      0x12231c000 -   0x12237fff7 +libIlmImfUtil.22.0.0.dylib (0) <76AF8447-
C167-39F9-9850-1AD8108523A1> /Applications/Terragen 4/Terragen 4.app/
Contents/MacOS/libIlmImfUtil.22.0.0.dylib
      0x1223b6000 -   0x1223c6ff7 +libIex.12.0.0.dylib (0)
<DCE06D05-5241-36C6-8191-1567A4865E12> /Applications/Terragen 4/
Terragen 4.app/Contents/MacOS/libIex.12.0.0.dylib
      0x1223ee000 -   0x122422fff +uk.co.planetside.tgbase (1.0 - 1.0)
<963F4637-5332-3B54-9746-993F9F685588> /Applications/Terragen 4/
Terragen 4.app/Contents/PlugIns/tgbase.bundle/Contents/MacOS/tgbase
      0x123896000 -   0x124613ff7
com.apple.driver.AppleIntelKBLGraphicsGLDriver (10.36.19 - 10.3.6)
<7363D45E-0011-38F0-BDBF-C298AC5C9A59> /System/Library/Extensions/
AppleIntelKBLGraphicsGLDriver.bundle/Contents/MacOS/
AppleIntelKBLGraphicsGLDriver
      0x124a55000 -   0x124b17ffb com.apple.AMDRadeonX4000GLDriver
(1.68.20 - 1.6.8) <03AC29A1-DE03-3031-854D-B7F6D2018B4D> /System/
Library/Extensions/AMDRadeonX4000GLDriver.bundle/Contents/MacOS/
AMDRadeonX4000GLDriver
    0x7fff26d5b000 -   0x7fff270a9ff7 com.apple.RawCamera.bundle (8.05.0
- 1017.4.1) <CAF490E6-CB0E-3EF0-B3D2-C4880CF85077> /System/Library/
CoreServices/RawCamera.bundle/Contents/MacOS/RawCamera
    0x7fff272f1000 -   0x7fff27b47ff7 ATIRadeonX4000SCLib.dylib (1.68.20)

<09BE979C-D263-34F4-A83D-3E36420ED78D> /System/Library/Extensions/
AMDRadeonX4000GLDriver.bundle/Contents/MacOS/
ATIRadeonX4000SCLib.dylib
    0x7fff2873e000 -   0x7fff28929fff
com.apple.driver.AppleIntelKBLGraphicsMTLDriver (10.36.19 - 10.3.6)
<A5C358C5-A4EC-3726-A7EB-49300B599A2D> /System/Library/Extensions/
AppleIntelKBLGraphicsMTLDriver.bundle/Contents/MacOS/
AppleIntelKBLGraphicsMTLDriver
    0x7fff2a978000 -   0x7fff2a97cffb com.apple.agl (3.3.1 - AGL-3.3.1)
<9B886891-66A5-3026-8C61-61B3C5F4EAC9> /System/Library/Frameworks/
AGL.framework/Versions/A/AGL
    0x7fff2a97d000 -   0x7fff2ab5dff3 com.apple.avfoundation (2.0 -
1536.36) <BB65ED51-CE44-31BD-A6EC-4B1EC5EADDD9> /System/Library/
Frameworks/AVFoundation.framework/Versions/A/AVFoundation
    0x7fff2ab5e000 -   0x7fff2ac17fff com.apple.audio.AVFAudio (1.0 - ???)
<ECE63BA3-4344-3522-904B-71F89677AC7D> /System/Library/Frameworks/
AVFoundation.framework/Versions/A/Frameworks/AVFAudio.framework/
Versions/A/AVFAudio
    0x7fff2ad1d000 -   0x7fff2ad1dfff com.apple.Accelerate (1.11 - Accelerate
1.11) <8632A9C5-19EA-3FD7-A44D-80765CC9C540> /System/Library/
Frameworks/Accelerate.framework/Versions/A/Accelerate
    0x7fff2ad1e000 -   0x7fff2ad34fef libCGInterfaces.dylib (417.2)
<2E67702C-75F6-308A-A023-F28120BEE667> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/
Libraries/libCGInterfaces.dylib
    0x7fff2ad35000 -   0x7fff2b233fc3 com.apple.vImage (8.1 - ???)
<A243A7EF-0C8E-3A9A-AA38-44AFD7507F00> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/
vImage
    0x7fff2b234000 -   0x7fff2b38efe3 libBLAS.dylib (1211.50.2)
<62C659EB-3E32-3B5F-83BF-79F5DF30D5CE> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libBLAS.dylib
    0x7fff2b38f000 -   0x7fff2b3bdfef libBNNS.dylib (38.1)
<7BAEFDCA-3227-3E07-80D8-59B6370B89C6> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libBNNS.dylib
    0x7fff2b3be000 -   0x7fff2b77dff7 libLAPACK.dylib (1211.50.2)
<40ADBA5F-8B2D-30AC-A7AD-7B17C37EE52D> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libLAPACK.dylib
    0x7fff2b77e000 -   0x7fff2b793ff7 libLinearAlgebra.dylib (1211.50.2)
<E8E0B7FD-A0B7-31E5-AF01-81781F71EBBE> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libLinearAlgebra.dylib
    0x7fff2b794000 -   0x7fff2b799ff3 libQuadrature.dylib (3)

<3D6BF66A-55B2-3692-BAC7-DEB0C676ED29> /System/Library/
Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/
Versions/A/libQuadrature.dylib
   0x7fff2b79a000 -   0x7fff2b81afff libSparse.dylib (79.50.2) <0DC25CDD-
F8C1-3D6E-B472-8B060708424F> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libSparse.dylib
   0x7fff2b81b000 -   0x7fff2b82efff libSparseBLAS.dylib (1211.50.2)
<722573CC-31CC-34B2-9032-E4F652A9CCFE> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libSparseBLAS.dylib
   0x7fff2b82f000 -   0x7fff2b9dcfc3 libvDSP.dylib (622.50.5) <40690941-
CF89-3F90-A0AC-A4D200744A5D> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libvDSP.dylib
   0x7fff2b9dd000 -   0x7fff2ba8efff libvMisc.dylib (622.50.5)
<BA2532DF-2D68-3DD0-9B59-D434BF702AA4> /System/Library/
Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/
Versions/A/libvMisc.dylib
   0x7fff2ba8f000 -   0x7fff2ba8ffff com.apple.Accelerate.vecLib (3.11 -
vecLib 3.11) <54FF3B43-E66C-3F36-B34B-A2B3B0A36502> /System/Library/
Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/
Versions/A/vecLib
   0x7fff2bd83000 -   0x7fff2cbe1fff com.apple.AppKit (6.9 - 1561.60.100)
<3C27CF6F-E640-3411-A87D-CCB2222CC754> /System/Library/Frameworks/
AppKit.framework/Versions/C/AppKit
   0x7fff2cc33000 -   0x7fff2cc33fff com.apple.ApplicationServices (48 -
50) <AFFBD94A-AF76-336E-B53E-57524EAE8EF3> /System/Library/
Frameworks/ApplicationServices.framework/Versions/A/ApplicationServices
   0x7fff2cc34000 -   0x7fff2cc9afff com.apple.ApplicationServices.ATS
(377 - 445.4) <85E779EE-0219-3181-B4C4-201E4CC82AB5> /System/Library/
Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
ATS.framework/Versions/A/ATS
   0x7fff2cd33000 -   0x7fff2ce55fff libFontParser.dylib (222.1.6)
<6CEBACDD-B848-302E-B4B2-630CB16E663E> /System/Library/
Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
ATS.framework/Versions/A/Resources/libFontParser.dylib
   0x7fff2ce56000 -   0x7fff2cea0ff7 libFontRegistry.dylib (221.4)
<5FDB4F1A-E15C-3ACB-A5C1-F15458C0C6DC> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/
Versions/A/Resources/libFontRegistry.dylib
   0x7fff2cf45000 -   0x7fff2cf78ff7 libTrueTypeScaler.dylib (222.1.6)
<9147F859-8BD9-31D9-AB54-8E9549B92AE9> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/
Versions/A/Resources/libTrueTypeScaler.dylib
   0x7fff2cfe2000 -   0x7fff2cfe6ff3 com.apple.ColorSyncLegacy (4.13.0 - 1)

<A5FB2694-1559-34A8-A3D3-2029F68A63CA> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/
ColorSyncLegacy.framework/Versions/A/ColorSyncLegacy
   0x7fff2d086000 -   0x7fff2d0d8ffb com.apple.HIServices (1.22 - 624.1)
<66FD9ED2-9630-313C-86AE-4C2FBCB3F351> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/HIServices.framework/
Versions/A/HIServices
   0x7fff2d0d9000 -   0x7fff2d0e7fff com.apple.LangAnalysis (1.7.0 - 1.7.0)
<B65FF7E6-E9B5-34D8-8CA7-63D415A8A9A6> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/
LangAnalysis.framework/Versions/A/LangAnalysis
   0x7fff2d0e8000 -   0x7fff2d134fff com.apple.print.framework.PrintCore
(13.4 - 503.2) <B90C67C1-0292-3CEC-885D-F1882CD104BE> /System/
Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
PrintCore.framework/Versions/A/PrintCore
   0x7fff2d135000 -   0x7fff2d16ffff com.apple.QD (3.12 - 404.2)
<38B20AFF-9D54-3B52-A6DC-C0D71380AA5F> /System/Library/
Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
QD.framework/Versions/A/QD
   0x7fff2d170000 -   0x7fff2d17cfff com.apple.speech.synthesis.framework
(7.8.1 - 7.8.1) <A08DE016-C8F2-3B0E-BD34-15959D13DBF0> /System/Library/
Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
SpeechSynthesis.framework/Versions/A/SpeechSynthesis
   0x7fff2d17d000 -   0x7fff2d40bff7 com.apple.audio.toolbox.AudioToolbox
(1.14 - 1.14) <E0B8B5D8-80A0-308B-ABD6-F8612102B5D8> /System/Library/
Frameworks/AudioToolbox.framework/Versions/A/AudioToolbox
   0x7fff2d40d000 -   0x7fff2d40dfff com.apple.audio.units.AudioUnit (1.14 -
1.14) <ABF8778E-4F9D-305E-A528-DE406A1A2B68> /System/Library/
Frameworks/AudioUnit.framework/Versions/A/AudioUnit
   0x7fff2d730000 -   0x7fff2dacaff7 com.apple.CFNetwork (902.1 - 902.1)
<76EB8CB6-BF59-3BDA-BF2B-F21B161611B9> /System/Library/Frameworks/
CFNetwork.framework/Versions/A/CFNetwork
   0x7fff2dadf000 -   0x7fff2dadffff com.apple.Carbon (158 - 158)
<F8B370D9-2103-3276-821D-ACC756167F86> /System/Library/Frameworks/
Carbon.framework/Versions/A/Carbon
   0x7fff2dae0000 -   0x7fff2dae3ffb com.apple.CommonPanels (1.2.6 - 98)
<2391761C-5CAA-3F68-86B7-50B37927B104> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/CommonPanels.framework/
Versions/A/CommonPanels
   0x7fff2dae4000 -   0x7fff2dde9fff com.apple.HIToolbox (2.1.1 - 911.10)
<BF7F9C0E-C732-3FB2-9BBC-362888BDA57B> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/
HIToolbox
   0x7fff2ddea000 -   0x7fff2ddedffb com.apple.help (1.3.8 - 66)
<DEBADFA8-C189-3195-B0D6-A1F2DE95882A> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help

```
   0x7fff2ddee000 -    0x7fff2ddf3fff  com.apple.ImageCapture (9.0 - 9.0)
<23B4916F-3B43-3DFF-B956-FC390EECA284> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/
A/ImageCapture
   0x7fff2ddf4000 -    0x7fff2de89ffb  com.apple.ink.framework (10.9 - 221)
<5206C8B0-22DA-36C9-998E-846EDB626D5B> /System/Library/
Frameworks/Carbon.framework/Versions/A/Frameworks/Ink.framework/
Versions/A/Ink
   0x7fff2de8a000 -    0x7fff2dea4ff7  com.apple.openscripting (1.7 - 174)
<1B2A1F9E-5534-3D61-83CA-9199B39E8708> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/OpenScripting.framework/Versions/
A/OpenScripting
   0x7fff2dec5000 -    0x7fff2dec6fff  com.apple.print.framework.Print (12 -
267) <3682ABFB-2561-3419-847D-02C247F4800D> /System/Library/
Frameworks/Carbon.framework/Versions/A/Frameworks/Print.framework/
Versions/A/Print
   0x7fff2dec7000 -    0x7fff2dec9ff7  com.apple.securityhi (9.0 - 55006)
<C1406B8D-7D05-3959-808F-9C82189CF57F> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/SecurityHI.framework/Versions/A/
SecurityHI
   0x7fff2deca000 -    0x7fff2ded0fff
com.apple.speech.recognition.framework (6.0.3 - 6.0.3) <2ED8643D-
B0C3-3F17-82A2-BBF13E6CBABC> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/
Versions/A/SpeechRecognition
   0x7fff2dff1000 -    0x7fff2dff1fff  com.apple.Cocoa (6.11 - 22)
<78E6C28E-4308-3D10-AD14-0CBCF6789B3F> /System/Library/Frameworks/
Cocoa.framework/Versions/A/Cocoa
   0x7fff2dfff000 -    0x7fff2e0b8fff  com.apple.ColorSync (4.13.0 - 3325)
<D283C285-447D-3258-A7E4-59532123B8FF> /System/Library/Frameworks/
ColorSync.framework/Versions/A/ColorSync
   0x7fff2e245000 -    0x7fff2e2d8ff7  com.apple.audio.CoreAudio (4.3.0 -
4.3.0) <EB35D3EC-56EA-33E6-98DC-BDC3A5FA8ACE> /System/Library/
Frameworks/CoreAudio.framework/Versions/A/CoreAudio
   0x7fff2e33f000 -    0x7fff2e368ffb  com.apple.CoreBluetooth (1.0 - 1)
<E1335074-9D07-370E-8440-61C4874BAC56> /System/Library/Frameworks/
CoreBluetooth.framework/Versions/A/CoreBluetooth
   0x7fff2e369000 -    0x7fff2e6bffef  com.apple.CoreData (120 - 851)
<A2B59780-FB16-36A3-8EE0-E0EF072454E0> /System/Library/Frameworks/
CoreData.framework/Versions/A/CoreData
   0x7fff2e6c0000 -    0x7fff2e7a3fff  com.apple.CoreDisplay (99.14 - 99.14)
<A1B91ADD-828D-33A0-8A92-CC3F83DF89D0> /System/Library/
Frameworks/CoreDisplay.framework/Versions/A/CoreDisplay
   0x7fff2e7a4000 -    0x7fff2ec45fef  com.apple.CoreFoundation (6.9 -
1454.90) <E5D594BF-9142-3325-A62D-CF4AAF472642> /System/Library/
Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation
```

0x7fff2ec47000 -   0x7fff2f257fef com.apple.CoreGraphics (2.0 - 1161.21)
<375C477F-5A89-3C49-9B63-373C81A63F7E> /System/Library/Frameworks/
CoreGraphics.framework/Versions/A/CoreGraphics
    0x7fff2f259000 -   0x7fff2f548fff com.apple.CoreImage (13.0.0 - 579.5)
<AAE2DFD0-9B0A-3D56-8A3E-C460BAF70394> /System/Library/
Frameworks/CoreImage.framework/Versions/A/CoreImage
    0x7fff2f7d7000 -   0x7fff2f8cdffb com.apple.CoreMedia (1.0 - 2276.68)
<5F0001EF-10FF-3334-9170-7FD5FB026205> /System/Library/Frameworks/
CoreMedia.framework/Versions/A/CoreMedia
    0x7fff2f8ce000 -   0x7fff2f91cfff com.apple.CoreMediaIO (814.0 - 4995)
<4A7FA7DF-4F7C-3378-AE5F-A33273B2FEA6> /System/Library/Frameworks/
CoreMediaIO.framework/Versions/A/CoreMediaIO
    0x7fff2f91d000 -   0x7fff2f91dfff com.apple.CoreServices (822.36 -
822.36) <C8368F17-1589-3BA5-A0E7-89CB8DF2454F> /System/Library/
Frameworks/CoreServices.framework/Versions/A/CoreServices
    0x7fff2f91e000 -   0x7fff2f992ffb com.apple.AE (735.1 - 735.1)
<08EBA184-20F7-3725-AEA6-C314448161C6> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/AE.framework/Versions/A/AE
    0x7fff2f993000 -   0x7fff2fc6afff com.apple.CoreServices.CarbonCore
(1178.4 - 1178.4) <0D5E19BF-18CB-3FA4-8A5F-F6C787C5EE08> /System/
Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/
CarbonCore.framework/Versions/A/CarbonCore
    0x7fff2fc6b000 -   0x7fff2fc9ffff com.apple.DictionaryServices (1.2 -
284.2) <6505B075-41C3-3C62-A4C3-85CE3F6825CD> /System/Library/
Frameworks/CoreServices.framework/Versions/A/Frameworks/
DictionaryServices.framework/Versions/A/DictionaryServices
    0x7fff2fca0000 -   0x7fff2fca8ffb com.apple.CoreServices.FSEvents
(1239.50.1 - 1239.50.1) <3637CEC7-DF0E-320E-9634-44A442925C65> /
System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/
FSEvents.framework/Versions/A/FSEvents
    0x7fff2fca9000 -   0x7fff2fe66fff com.apple.LaunchServices (822.36 -
822.36) <6E68C090-B12D-3D3D-9617-E5D82C36B2D0> /System/Library/
Frameworks/CoreServices.framework/Versions/A/Frameworks/
LaunchServices.framework/Versions/A/LaunchServices
    0x7fff2fe67000 -   0x7fff2ff17ff7 com.apple.Metadata (10.7.0 - 1191.4.13)
<B5C22E70-C265-3C9F-865F-B138994A418D> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/Metadata.framework/
Versions/A/Metadata
    0x7fff2ff18000 -   0x7fff2ff78fff com.apple.CoreServices.OSServices
(822.36 - 822.36) <3BB2E0CE-81AE-3D3D-9FCE-E1B7FC6D6A61> /System/
Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/
OSServices.framework/Versions/A/OSServices
    0x7fff2ff79000 -   0x7fff2ffe7fff com.apple.SearchKit (1.4.0 - 1.4.0)
<3662545A-B1CF-3079-BDCD-C83855CEFEEE> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/
Versions/A/SearchKit

0x7fff2ffe8000 -   0x7fff3000cffb com.apple.coreservices.SharedFileList (71.21 - 71.21) <35582D88-5975-35E2-A29A-E3148C3EE727> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SharedFileList.framework/Versions/A/SharedFileList

0x7fff302ad000 -   0x7fff303fdfff com.apple.CoreText (352.0 - 578.22) <6129F39D-284D-3BBF-8999-7854AB61C01C> /System/Library/Frameworks/CoreText.framework/Versions/A/CoreText

0x7fff303fe000 -   0x7fff30438fff com.apple.CoreVideo (1.8 - 0.0) <86CCC036-51BB-3DD1-9601-D93798BCCD0F> /System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo

0x7fff30439000 -   0x7fff304c4ff3 com.apple.framework.CoreWLAN (13.0 - 1350.1) <E862CC02-69D2-3503-887B-B6E8223081E7> /System/Library/Frameworks/CoreWLAN.framework/Versions/A/CoreWLAN

0x7fff3073f000 -   0x7fff30744fff com.apple.DiskArbitration (2.7 - 2.7) <A975AD56-4CD3-3A89-8732-858CA9BD3DAA> /System/Library/Frameworks/DiskArbitration.framework/Versions/A/DiskArbitration

0x7fff30905000 -   0x7fff30ccbfff com.apple.Foundation (6.9 - 1454.90) <8EA924F3-ADAE-3F4B-8482-8B11C027D9A5> /System/Library/Frameworks/Foundation.framework/Versions/C/Foundation

0x7fff30cfd000 -   0x7fff30d3bff7 com.apple.glut (3.6.14 - GLUT-3.6.9) <E9294D22-0B30-3FBC-BEBD-3BE87F28C8C2> /System/Library/Frameworks/GLUT.framework/Versions/A/GLUT

0x7fff30d3c000 -   0x7fff30d6cfff com.apple.GSS (4.0 - 2.0) <D774A165-5581-3479-AB5D-2BBDB5CF8882> /System/Library/Frameworks/GSS.framework/Versions/A/GSS

0x7fff30e7e000 -   0x7fff30f82ffb com.apple.Bluetooth (6.0.7 - 6.0.7f10) <557F26F9-C7A0-34EA-A905-22E243BF6B48> /System/Library/Frameworks/IOBluetooth.framework/Versions/A/IOBluetooth

0x7fff30fe2000 -   0x7fff3107dfff com.apple.framework.IOKit (2.0.2 - 1445.71.1) <2EA4F383-CAA9-3AF0-99C5-90C22ADAA6B6> /System/Library/Frameworks/IOKit.framework/Versions/A/IOKit

0x7fff3107f000 -   0x7fff31086fff com.apple.IOSurface (211.15 - 211.15) <9FD406F1-6BF2-35B0-8339-DF83A1A661EB> /System/Library/Frameworks/IOSurface.framework/Versions/A/IOSurface

0x7fff31087000 -   0x7fff310dcff3 com.apple.ImageCaptureCore (7.0 - 7.0) <0DAB3D7E-8C3F-35DE-96DF-C370AD35EB65> /System/Library/Frameworks/ImageCaptureCore.framework/Versions/A/ImageCaptureCore

0x7fff310dd000 -   0x7fff31257ff7 com.apple.ImageIO.framework (3.3.0 - 1739.3) <7C579D3F-AE0B-31C9-8F80-67F2290B8DE0> /System/Library/Frameworks/ImageIO.framework/Versions/A/ImageIO

0x7fff31258000 -   0x7fff3125cffb libGIF.dylib (1739.3) <7AA44C9D-48E8-3090-B044-61FE6F0AEF38> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libGIF.dylib

0x7fff3125d000 -   0x7fff31344fef libJP2.dylib (1739.3) <AEBF7260-0C10-30C0-8F0F-8B347DEE78B3> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJP2.dylib

0x7fff31345000 -   0x7fff31368ff7 libJPEG.dylib (1739.3) <D8C966AD-A00C-3E8B-A7ED-D7CC7ECB3224> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJPEG.dylib
0x7fff31644000 -   0x7fff3166afeb libPng.dylib (1739.3) <1737F680-99D1-3F03-BFA5-5CDA30EB880A> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib
0x7fff3166b000 -   0x7fff3166dffb libRadiance.dylib (1739.3) <21746434-FCC7-36DE-9331-11277DF66AA8> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libRadiance.dylib
0x7fff3166e000 -   0x7fff316bcfef libTIFF.dylib (1739.3) <C4CB5C1D-20F2-3BD4-B0E6-629FDB3EF8E8> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libTIFF.dylib
0x7fff31878000 -   0x7fff3255efff com.apple.JavaScriptCore (13605 - 13605.3.8) <E6B49CDA-72F0-3E58-85EF-98AF10CE04B0> /System/Library/Frameworks/JavaScriptCore.framework/Versions/A/JavaScriptCore
0x7fff32576000 -   0x7fff3258fff7 com.apple.Kerberos (3.0 - 1) <F86DCCDF-93C1-38B3-82C2-477C12E8EE6D> /System/Library/Frameworks/Kerberos.framework/Versions/A/Kerberos
0x7fff32590000 -   0x7fff325c5fff com.apple.LDAPFramework (2.4.28 - 194.5) <08888215-BBCE-3402-8142-2C9ADB091580> /System/Library/Frameworks/LDAP.framework/Versions/A/LDAP
0x7fff3284e000 -   0x7fff32855fff com.apple.MediaAccessibility (1.0 - 114) <9F72AACD-BAEB-3646-BD0F-12C47591C20D> /System/Library/Frameworks/MediaAccessibility.framework/Versions/A/MediaAccessibility
0x7fff32905000 -   0x7fff32f6fff7 com.apple.MediaToolbox (1.0 - 2276.68) <CB6791F2-B401-360E-9531-BFBC5138254E> /System/Library/Frameworks/MediaToolbox.framework/Versions/A/MediaToolbox
0x7fff32f71000 -   0x7fff32ff2fff com.apple.Metal (125.30 - 125.30) <975FD6B5-D695-346A-869F-0584A968D100> /System/Library/Frameworks/Metal.framework/Versions/A/Metal
0x7fff3300f000 -   0x7fff3302afff com.apple.MetalPerformanceShaders.MPSCore (1.0 - 1) <AD754E8F-CA00-3878-9AF3-208C224A230B> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSCore.framework/Versions/A/MPSCore
0x7fff3302b000 -   0x7fff3309afef com.apple.MetalPerformanceShaders.MPSImage (1.0 - 1) <338B7779-E608-3D68-8A07-2ACC11299744> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSImage.framework/Versions/A/MPSImage
0x7fff3309b000 -   0x7fff330bffff com.apple.MetalPerformanceShaders.MPSMatrix (1.0 - 1) <9CE072D7-853B-3939-9645-7EB951376B87> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSMatrix.framework/Versions/A/MPSMatrix
0x7fff330c0000 -   0x7fff331a7ff7

com.apple.MetalPerformanceShaders.MPSNeuralNetwork (1.0 - 1)
<0DE891AD-27E5-38FF-AEC8-4A95356C4357> /System/Library/Frameworks/
MetalPerformanceShaders.framework/Frameworks/
MPSNeuralNetwork.framework/Versions/A/MPSNeuralNetwork
    0x7fff331a8000 -   0x7fff331a8ff7
com.apple.MetalPerformanceShaders.MetalPerformanceShaders (1.0 - 1)
<2D2D261C-50B0-32F9-BF9A-5C01382BB528> /System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/MetalPerformanceShaders
    0x7fff341a7000 -   0x7fff341b3ffb com.apple.NetFS (6.0 - 4.0)
<471DD96F-FA2E-3FE9-9746-2519A6780D1A> /System/Library/Frameworks/
NetFS.framework/Versions/A/NetFS
    0x7fff36f9c000 -   0x7fff36fa4fef libcldcpuengine.dylib (2.8.7)
<EF9A91AC-029C-300A-99E7-4952C15DA09F> /System/Library/Frameworks/
OpenCL.framework/Versions/A/Libraries/libcldcpuengine.dylib
    0x7fff36fa5000 -   0x7fff36fffff7 com.apple.opencl (2.8.24 - 2.8.24)
<4D7401A7-6ADD-3632-85AE-7A5012DFFA04> /System/Library/Frameworks/
OpenCL.framework/Versions/A/OpenCL
    0x7fff37000000 -   0x7fff3701cffb com.apple.CFOpenDirectory (10.13 -
207.50.1) <29F55F7B-379F-3053-8FF3-5C6675A3DD4D> /System/Library/
Frameworks/OpenDirectory.framework/Versions/A/Frameworks/
CFOpenDirectory.framework/Versions/A/CFOpenDirectory
    0x7fff3701d000 -   0x7fff37028fff com.apple.OpenDirectory (10.13 -
207.50.1) <F895547D-4915-353F-9C1E-E95172BA803B> /System/Library/
Frameworks/OpenDirectory.framework/Versions/A/OpenDirectory
    0x7fff381a7000 -   0x7fff381a9fff libCVMSPluginSupport.dylib (16.7.4)
<F9270AE0-CC3B-3E3E-BA32-CC1068DD8F27> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Libraries/libCVMSPluginSupport.dylib
    0x7fff381aa000 -   0x7fff381afffb libCoreFSCache.dylib (162.9)
<7AF87F3E-D5D0-3625-BE09-CA4223195466> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Libraries/libCoreFSCache.dylib
    0x7fff381b0000 -   0x7fff381b4fff libCoreVMClient.dylib (162.9)
<115FE643-6141-39B4-8193-77DFCBE7A4E0> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Libraries/libCoreVMClient.dylib
    0x7fff381b5000 -   0x7fff381beff3 libGFXShared.dylib (16.7.4)
<EB2BF8A0-E10D-35EA-8F46-B2E3C62C12A8> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Libraries/libGFXShared.dylib
    0x7fff381bf000 -   0x7fff381cafff libGL.dylib (16.7.4)
<2BB333D3-5C61-33DF-8545-06DF2D08B83D> /System/Library/
Frameworks/OpenGL.framework/Versions/A/Libraries/libGL.dylib
    0x7fff381cb000 -   0x7fff38206fe7 libGLImage.dylib (16.7.4)
<4DA003CE-0B74-3FE4-808C-B2FBCE517EB4> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Libraries/libGLImage.dylib
    0x7fff38207000 -   0x7fff38374ff3 libGLProgrammability.dylib (16.7.4)
<ECC9D79B-C0B1-33F9-A9BB-097EF12D9E13> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Libraries/libGLProgrammability.dylib
    0x7fff38375000 -   0x7fff383b3ffb libGLU.dylib (16.7.4) <BCB09CD8-

EB0E-38FA-8B5A-9E29532EE364> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Libraries/libGLU.dylib
    0x7fff38d2b000 -   0x7fff38d3aff3 com.apple.opengl (16.7.4 - 16.7.4)
<9BDE8FF9-5418-3C70-8D1C-09656884CE48> /System/Library/Frameworks/
OpenGL.framework/Versions/A/OpenGL
    0x7fff38d3b000 -   0x7fff38ed2ff3 GLEngine (16.7.4)
<E2EE1D9C-826E-3DA9-9DCA-2FF371CDE5BB> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Resources/GLEngine.bundle/GLEngine
    0x7fff38ed3000 -   0x7fff38efbffb GLRendererFloat (16.7.4)
<3B51AC1B-0A3C-30E5-80EB-F64EBB1B1F77> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Resources/GLRendererFloat.bundle/
GLRendererFloat
    0x7fff390b4000 -   0x7fff39200ff7 com.apple.QTKit (7.7.3 - 3014.8)
<FEDEF531-50A3-32AB-A546-E6BA994C58E1> /System/Library/Frameworks/
QTKit.framework/Versions/A/QTKit
    0x7fff39201000 -   0x7fff39466ff7 com.apple.imageKit (3.0 - 1043)
<6C19A20B-6D0D-380A-A87D-F923658E1726> /System/Library/Frameworks/
Quartz.framework/Versions/A/Frameworks/ImageKit.framework/Versions/A/
ImageKit
    0x7fff39467000 -   0x7fff39556ffb com.apple.PDFKit (1.0 - 677.67)
<6BD11C23-1AEA-3078-8D0C-A7152BCF9031> /System/Library/Frameworks/
Quartz.framework/Versions/A/Frameworks/PDFKit.framework/Versions/A/
PDFKit
    0x7fff39557000 -   0x7fff39a69ff7 com.apple.QuartzComposer (5.1 - 364)
<1369D6DA-8842-3878-B546-1D09828331F5> /System/Library/Frameworks/
Quartz.framework/Versions/A/Frameworks/QuartzComposer.framework/
Versions/A/QuartzComposer
    0x7fff39a6a000 -   0x7fff39a8dfff com.apple.quartzfilters (1.10.0 - 1.10.0)
<C95CB89D-148D-341B-BC50-82D8C32BF767> /System/Library/
Frameworks/Quartz.framework/Versions/A/Frameworks/
QuartzFilters.framework/Versions/A/QuartzFilters
    0x7fff39a8e000 -   0x7fff39b87ff7 com.apple.QuickLookUIFramework (5.0
- 743.13) <093180B8-FB25-3292-AD99-1791CF8D6EBF> /System/Library/
Frameworks/Quartz.framework/Versions/A/Frameworks/
QuickLookUI.framework/Versions/A/QuickLookUI
    0x7fff39b88000 -   0x7fff39b88fff com.apple.quartzframework (1.5 - 21)
<DCEB0FCC-2C32-3D02-8752-7B6FA009AB85> /System/Library/
Frameworks/Quartz.framework/Versions/A/Quartz
    0x7fff39b89000 -   0x7fff39dd5ff7 com.apple.QuartzCore (1.11 - 584.62)
<1950D993-DE48-3C97-95A5-66D98BDFC95D> /System/Library/
Frameworks/QuartzCore.framework/Versions/A/QuartzCore
    0x7fff39dd6000 -   0x7fff39e2dff7 com.apple.QuickLookFramework (5.0 -
743.13) <8254FFF2-EE0D-323D-A6F3-BEB59615EE47> /System/Library/
Frameworks/QuickLook.framework/Versions/A/QuickLook
    0x7fff39ff3000 -   0x7fff3a00aff7 com.apple.SafariServices.framework
(13605 - 13605.3.8) <57BAA02F-C55A-3D8A-AFD3-25118323C0B2> /System/

Library/Frameworks/SafariServices.framework/Versions/A/SafariServices
   0x7fff3a60a000 -   0x7fff3a935fff com.apple.security (7.0 - 58286.70.7)
<9FC166E1-14D0-305C-A086-02B9E83F547E> /System/Library/Frameworks/
Security.framework/Versions/A/Security
   0x7fff3a936000 -   0x7fff3a9c2ff7 com.apple.securityfoundation (6.0 -
55185.50.5) <D708D069-AEDB-36C2-B1DA-479DA91D7711> /System/Library/
Frameworks/SecurityFoundation.framework/Versions/A/SecurityFoundation
   0x7fff3a9f4000 -   0x7fff3a9f8ffb com.apple.xpc.ServiceManagement (1.0
- 1) <71B45D83-ECA4-3265-997E-683A8B8DF413> /System/Library/
Frameworks/ServiceManagement.framework/Versions/A/ServiceManagement
   0x7fff3ad9d000 -   0x7fff3ae0dff3 com.apple.SystemConfiguration (1.17 -
1.17) <8532B8E9-7E30-35A3-BC4A-DDE8E0614FDA> /System/Library/
Frameworks/SystemConfiguration.framework/Versions/A/SystemConfiguration
   0x7fff3afc2000 -   0x7fff3b33dfff com.apple.VideoToolbox (1.0 - 2276.68)
<8F6FBC7D-60EA-38B2-B583-7ECB58E8936E> /System/Library/Frameworks/
VideoToolbox.framework/Versions/A/VideoToolbox
   0x7fff3dd0a000 -   0x7fff3dd9dfff com.apple.APFS (1.0 - 1)
<6BBB3988-1C91-314F-A77A-4E093A1B18F0> /System/Library/
PrivateFrameworks/APFS.framework/Versions/A/APFS
   0x7fff3e9c8000 -   0x7fff3e9f0fff com.apple.framework.Apple80211 (13.0
- 1361.7) <16627876-8CF5-3502-A1D6-35FCBDD5E79A> /System/Library/
PrivateFrameworks/Apple80211.framework/Versions/A/Apple80211
   0x7fff3e9f2000 -   0x7fff3ea01fef com.apple.AppleFSCompression
(96.60.1 - 1.0) <A7C875C4-F5EE-3272-AFB6-57C9FD5352B3> /System/
Library/PrivateFrameworks/AppleFSCompression.framework/Versions/A/
AppleFSCompression
   0x7fff3eb00000 -   0x7fff3eb0bff7 com.apple.AppleIDAuthSupport (1.0 - 1)
<2FAF5567-CDB3-33EF-AB71-05D37F2248B7> /System/Library/
PrivateFrameworks/AppleIDAuthSupport.framework/Versions/A/
AppleIDAuthSupport
   0x7fff3eb45000 -   0x7fff3eb8dff3 com.apple.AppleJPEG (1.0 - 1)
<8DD410CB-76A1-3F22-9A9F-0491FA0CEB4A> /System/Library/
PrivateFrameworks/AppleJPEG.framework/Versions/A/AppleJPEG
   0x7fff3ebbf000 -   0x7fff3ebc7ff3 com.apple.AppleSRP (5.0 - 1)
<4CEC34CF-63E3-3023-B61B-F8D133698534> /System/Library/
PrivateFrameworks/AppleSRP.framework/Versions/A/AppleSRP
   0x7fff3ebc8000 -   0x7fff3ebf0fff com.apple.applesauce (1.0 - ???)
<CCA8B094-1BCE-3AE3-A0A7-D544C818DE36> /System/Library/
PrivateFrameworks/AppleSauce.framework/Versions/A/AppleSauce
   0x7fff3ecb9000 -   0x7fff3ecbcff3 com.apple.AppleSystemInfo (3.1.5 -
3.1.5) <0E33401D-7B9C-378A-8EE8-0E3D40B63C8D> /System/Library/
PrivateFrameworks/AppleSystemInfo.framework/Versions/A/AppleSystemInfo
   0x7fff3ecbd000 -   0x7fff3ed0dff7 com.apple.AppleVAFramework (5.0.41 -
5.0.41) <14E91E09-C345-3C5F-8D3C-4BC291FAF796> /System/Library/
PrivateFrameworks/AppleVA.framework/Versions/A/AppleVA
   0x7fff3f042000 -   0x7fff3f2dbffb com.apple.AuthKit (1.0 - 1)

<6CA71A11-91C5-307C-B933-9FCDEDCB580A> /System/Library/
PrivateFrameworks/AuthKit.framework/Versions/A/AuthKit
    0x7fff3f412000 -   0x7fff3f419ff7
com.apple.coreservices.BackgroundTaskManagement (1.0 - 57.1) <51A41CA3-
DB1D-3380-993E-99C54AEE518E> /System/Library/PrivateFrameworks/
BackgroundTaskManagement.framework/Versions/A/
BackgroundTaskManagement
    0x7fff3f41a000 -   0x7fff3f4a1ff7 com.apple.backup.framework (1.9.5 -
1.9.5) <5E7B0925-8C71-353D-BB0F-9CA144BB264C> /System/Library/
PrivateFrameworks/Backup.framework/Versions/A/Backup
    0x7fff3f4aa000 -   0x7fff3f4b0ff7 com.apple.BezelServicesFW (305.1 -
305.1) <7D2C4717-FFF2-3262-B822-1982596BE46B> /System/Library/
PrivateFrameworks/BezelServices.framework/Versions/A/BezelServices
    0x7fff40283000 -   0x7fff402d2ff3 com.apple.ChunkingLibrary (189 - 189)
<C021A0EB-82E7-3A1E-A772-96B0E7E038D9> /System/Library/
PrivateFrameworks/ChunkingLibrary.framework/Versions/A/ChunkingLibrary
    0x7fff40e5b000 -   0x7fff40e64ff3 com.apple.CommonAuth (4.0 - 2.0)
<4D237B25-27E5-3577-948B-073659F6D3C0> /System/Library/
PrivateFrameworks/CommonAuth.framework/Versions/A/CommonAuth
    0x7fff411a0000 -   0x7fff415a8fff com.apple.CoreAUC (259.0.0 - 259.0.0)
<B3D5289B-9E8A-37FE-855B-7277D700029E> /System/Library/
PrivateFrameworks/CoreAUC.framework/Versions/A/CoreAUC
    0x7fff415a9000 -   0x7fff415d9ff7 com.apple.CoreAVCHD (5.9.0 -
5900.4.1) <E9FF9574-122A-3966-AA2B-546E512ACD06> /System/Library/
PrivateFrameworks/CoreAVCHD.framework/Versions/A/CoreAVCHD
    0x7fff41670000 -   0x7fff416b4ff3 com.apple.corebrightness (1.0 - 1)
<7E67395F-F587-3EE2-AE98-339EC152807C> /System/Library/
PrivateFrameworks/CoreBrightness.framework/Versions/A/CoreBrightness
    0x7fff417f3000 -   0x7fff417fcff7 com.apple.frameworks.CoreDaemon (1.3
- 1.3) <35A43584-2AF8-3202-A139-27D916E444BE> /System/Library/
PrivateFrameworks/CoreDaemon.framework/Versions/B/CoreDaemon
    0x7fff4196a000 -   0x7fff4197aff7 com.apple.CoreEmoji (1.0 - 69.3)
<A4357F5C-0C38-3A61-B456-D7321EB2CEE5> /System/Library/
PrivateFrameworks/CoreEmoji.framework/Versions/A/CoreEmoji
    0x7fff41c7e000 -   0x7fff41c94ff7 com.apple.CoreMediaAuthoring (2.2 -
956) <FBA28A76-97E2-3023-A3F6-D03280AE2889> /System/Library/
PrivateFrameworks/CoreMediaAuthoring.framework/Versions/A/
CoreMediaAuthoring
    0x7fff41ddd000 -   0x7fff41e3aff7 com.apple.CoreNLP (1.0 - 130.5.4)
<1FDB3609-F745-3874-84EB-473570632E50> /System/Library/
PrivateFrameworks/CoreNLP.framework/Versions/A/CoreNLP
    0x7fff41fc9000 -   0x7fff4206efff com.apple.CorePDF (4.0 - 414)
<D64D17C3-9AD0-3A29-89DE-36BEF0156381> /System/Library/
PrivateFrameworks/CorePDF.framework/Versions/A/CorePDF
    0x7fff4210e000 -   0x7fff42116ff3 com.apple.CorePhoneNumbers (1.0 - 1)
<A5D41251-9F38-3AB9-9DE7-F77023FAAA44> /System/Library/

PrivateFrameworks/CorePhoneNumbers.framework/Versions/A/
CorePhoneNumbers
    0x7fff422a1000 -   0x7fff422d2ff3 com.apple.CoreServicesInternal (309.1
- 309.1) <4ECD14EA-A493-3B84-A32F-CF928474A405> /System/Library/
PrivateFrameworks/CoreServicesInternal.framework/Versions/A/
CoreServicesInternal
    0x7fff4260f000 -   0x7fff426a0fff com.apple.CoreSymbolication (9.3 -
64026.2) <D55A6E5B-0267-3F3A-8D90-4B8F39458420> /System/Library/
PrivateFrameworks/CoreSymbolication.framework/Versions/A/
CoreSymbolication
    0x7fff42723000 -   0x7fff42858fff com.apple.coreui (2.1 - 494.1)
<B2C515C3-FCE8-3B28-A225-05AD917F509B> /System/Library/
PrivateFrameworks/CoreUI.framework/Versions/A/CoreUI
    0x7fff42859000 -   0x7fff4298afff com.apple.CoreUtils (5.6 - 560.11)
<1A02D6F0-8C65-3FAE-AD63-56477EDE4773> /System/Library/
PrivateFrameworks/CoreUtils.framework/Versions/A/CoreUtils
    0x7fff429df000 -   0x7fff42a43fff com.apple.framework.CoreWiFi (13.0 -
1350.1) <6EC5DEB3-6E2F-3DC2-BE59-1FD05175FB0C> /System/Library/
PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi
    0x7fff42a44000 -   0x7fff42a54ff7 com.apple.CrashReporterSupport
(10.13 - 1) <A909F468-0648-3F51-A77E-3F9ADBC9A941> /System/Library/
PrivateFrameworks/CrashReporterSupport.framework/Versions/A/
CrashReporterSupport
    0x7fff42ad2000 -   0x7fff42ae1ff7 com.apple.framework.DFRFoundation
(1.0 - 191.7) <5F486F5A-3795-3CD4-86A2-FD008A23F205> /System/Library/
PrivateFrameworks/DFRFoundation.framework/Versions/A/DFRFoundation
    0x7fff42ae4000 -   0x7fff42ae8ffb com.apple.DSExternalDisplay (3.1 -
380) <901B7F6D-376A-3848-99D0-170C4D00F776> /System/Library/
PrivateFrameworks/DSExternalDisplay.framework/Versions/A/
DSExternalDisplay
    0x7fff42b6a000 -   0x7fff42be0fff com.apple.datadetectorscore (7.0 -
590.3) <7437160E-68A3-3FD7-8868-5E3F92E23C4F> /System/Library/
PrivateFrameworks/DataDetectorsCore.framework/Versions/A/
DataDetectorsCore
    0x7fff42c2e000 -   0x7fff42c6eff7 com.apple.DebugSymbols (181.0 -
181.0) <299A0238-ED78-3676-B131-274D972824AA> /System/Library/
PrivateFrameworks/DebugSymbols.framework/Versions/A/DebugSymbols
    0x7fff42c6f000 -   0x7fff42d9efff com.apple.desktopservices (1.12.5 -
1.12.5) <7739C9A5-64D9-31A5-899B-5FFA242AD70D> /System/Library/
PrivateFrameworks/DesktopServicesPriv.framework/Versions/A/
DesktopServicesPriv
    0x7fff4306b000 -   0x7fff4306fff7 com.apple.DisplayServicesFW (3.1 -
380) <6F0B8AC6-7E62-3DFC-B373-BF04833724C0> /System/Library/
PrivateFrameworks/DisplayServices.framework/Versions/A/DisplayServices
    0x7fff43bb8000 -   0x7fff43fe6fff com.apple.vision.FaceCore (3.3.2 -
3.3.2) <B574FE33-4A41-3611-9738-388EBAF03E37> /System/Library/

PrivateFrameworks/FaceCore.framework/Versions/A/FaceCore
   0x7fff45c42000 -   0x7fff45c42fff libmetal_timestamp.dylib (802.4.8)
<311A8FAA-5FA9-3AAF-887E-DC9884DE8BE5> /System/Library/
PrivateFrameworks/GPUCompiler.framework/Versions/3802/Libraries/
libmetal_timestamp.dylib
   0x7fff472a2000 -   0x7fff472adff7 libGPUSupportMercury.dylib (16.7.4)
<A4D6F79C-1DFA-3E96-8F76-4882FBEDE9CF> /System/Library/
PrivateFrameworks/GPUSupport.framework/Versions/A/Libraries/
libGPUSupportMercury.dylib
   0x7fff472ae000 -   0x7fff472b3fff com.apple.GPUWrangler (3.20.13 -
3.20.13) <9C5BD618-69E3-36D5-9BC9-A4841BC00D2A> /System/Library/
PrivateFrameworks/GPUWrangler.framework/Versions/A/GPUWrangler
   0x7fff47667000 -   0x7fff4768cff3 com.apple.GenerationalStorage (2.0 -
285.3) <13B96400-FF70-376B-B20E-FB7D61064800> /System/Library/
PrivateFrameworks/GenerationalStorage.framework/Versions/A/
GenerationalStorage
   0x7fff48029000 -   0x7fff48038fff com.apple.GraphVisualizer (1.0 - 5)
<B993B8A2-5700-3DFC-9EB7-4CCEE8F959F1> /System/Library/
PrivateFrameworks/GraphVisualizer.framework/Versions/A/GraphVisualizer
   0x7fff480bb000 -   0x7fff4812ffff com.apple.Heimdal (4.0 - 2.0)
<93091531-CC91-34FF-8B93-5D3F02C37BC5> /System/Library/
PrivateFrameworks/Heimdal.framework/Versions/A/Heimdal
   0x7fff48a35000 -   0x7fff48a3efff com.apple.IOAccelMemoryInfo (1.0 - 1)
<E2416468-8B64-3BB8-A099-361954C8DED7> /System/Library/
PrivateFrameworks/IOAccelMemoryInfo.framework/Versions/A/
IOAccelMemoryInfo
   0x7fff48a3f000 -   0x7fff48a46ff7 com.apple.IOAccelerator (378.26 -
378.26) <2274BE11-18DE-3B13-BCDB-C488C9BB19AD> /System/Library/
PrivateFrameworks/IOAccelerator.framework/Versions/A/IOAccelerator
   0x7fff48a4a000 -   0x7fff48a61fff com.apple.IOPresentment (1.0 - 35.1)
<7C6332FF-6535-3064-B437-1E9F70671927> /System/Library/
PrivateFrameworks/IOPresentment.framework/Versions/A/IOPresentment
   0x7fff48e2c000 -   0x7fff48e52ffb com.apple.IconServices (97.6 - 97.6)
<A56D826D-20D2-34BE-AACC-A80CFCB4E915> /System/Library/
PrivateFrameworks/IconServices.framework/Versions/A/IconServices
   0x7fff48f5f000 -   0x7fff48f62ff3 com.apple.InternationalSupport (1.0 - 1)
<5AB382FD-BF81-36A1-9565-61F1FD398ECA> /System/Library/
PrivateFrameworks/InternationalSupport.framework/Versions/A/
InternationalSupport
   0x7fff48fd0000 -   0x7fff48fe0ffb com.apple.IntlPreferences (2.0 - 227.5.2)
<DA6BC4CA-14F5-3A83-82B6-812344A050D2> /System/Library/
PrivateFrameworks/IntlPreferences.framework/Versions/A/IntlPreferences
   0x7fff490d7000 -   0x7fff490eaff3
com.apple.security.KeychainCircle.KeychainCircle (1.0 - 1)
<AED421B0-90A0-3969-98A4-CCBCF2D3360B> /System/Library/
PrivateFrameworks/KeychainCircle.framework/Versions/A/KeychainCircle

0x7fff490eb000 -   0x7fff491e0ff7 com.apple.LanguageModeling (1.0 - 159.5.3) <7F0AC200-E3DD-39FB-8A95-00DD70B66A9F> /System/Library/PrivateFrameworks/LanguageModeling.framework/Versions/A/LanguageModeling
    0x7fff491e1000 -   0x7fff49223fff com.apple.Lexicon-framework (1.0 - 33.5) <DC94CF9E-1EB4-3C0E-B298-CA1190885276> /System/Library/PrivateFrameworks/Lexicon.framework/Versions/A/Lexicon
    0x7fff49227000 -   0x7fff4922eff7 com.apple.LinguisticData (1.0 - 238.3) <49A54649-1021-3DBD-99B8-1B2EDFFA5378> /System/Library/PrivateFrameworks/LinguisticData.framework/Versions/A/LinguisticData
    0x7fff49a2d000 -   0x7fff49a30fff com.apple.Mangrove (1.0 - 1) <27D6DF76-B5F8-3443-8826-D25B284331BF> /System/Library/PrivateFrameworks/Mangrove.framework/Versions/A/Mangrove
    0x7fff49f40000 -   0x7fff49fa9ff7 com.apple.gpusw.MetalTools (1.0 - 1) <458F319A-2707-3C83-8351-BD9F02EC05BD> /System/Library/PrivateFrameworks/MetalTools.framework/Versions/A/MetalTools
    0x7fff49fb2000 -   0x7fff49fc9ff7 com.apple.MobileAssets (1.0 - 437.60.1) <5FFD8A8B-F33F-3FA9-8F50-31C24A67862C> /System/Library/PrivateFrameworks/MobileAsset.framework/Versions/A/MobileAsset
    0x7fff4a129000 -   0x7fff4a142fff com.apple.MobileKeyBag (2.0 - 1.0) <32E63C7B-E133-33DE-A593-C3C10D64FCAA> /System/Library/PrivateFrameworks/MobileKeyBag.framework/Versions/A/MobileKeyBag
    0x7fff4a1ce000 -   0x7fff4a1f8ffb com.apple.MultitouchSupport.framework (1404.4 - 1404.4) <45374A2A-C0BC-3A70-8183-37295205CDFA> /System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport
    0x7fff4a45f000 -   0x7fff4a46afff com.apple.NetAuth (6.2 - 6.2) <B3795F63-C14A-33E1-9EE6-02A2E7661321> /System/Library/PrivateFrameworks/NetAuth.framework/Versions/A/NetAuth
    0x7fff4bd00000 -   0x7fff4bd10ffb com.apple.PerformanceAnalysis (1.194 - 194) <2844933E-B71C-3BE9-9A84-27B29E111F13> /System/Library/PrivateFrameworks/PerformanceAnalysis.framework/Versions/A/PerformanceAnalysis
    0x7fff4dacf000 -   0x7fff4daedfff com.apple.ProtocolBuffer (1 - 260) <40704740-4A53-3010-A49B-08D1D69D1D5E> /System/Library/PrivateFrameworks/ProtocolBuffer.framework/Versions/A/ProtocolBuffer
    0x7fff4dc5a000 -   0x7fff4dc70ff7 com.apple.QuickLookThumbnailing (1.0 - 1) <8F0092E4-6494-349D-B4C9-494DF293D716> /System/Library/PrivateFrameworks/QuickLookThumbnailing.framework/Versions/A/QuickLookThumbnailing
    0x7fff4dcbb000 -   0x7fff4dcc7fff com.apple.xpc.RemoteServiceDiscovery (1.0 - 1205.70.9) <2937CFBF-587C-33A0-B493-FFB4E606A498> /System/Library/PrivateFrameworks/RemoteServiceDiscovery.framework/Versions/A/RemoteServiceDiscovery
    0x7fff4dcc8000 -   0x7fff4dcebffb com.apple.RemoteViewServices (2.0 - 125) <592323D1-CB44-35F1-9921-4C2AB8D920A0> /System/Library/

PrivateFrameworks/RemoteViewServices.framework/Versions/A/
RemoteViewServices
    0x7fff4dcec000 -   0x7fff4dd01ff3 com.apple.xpc.RemoteXPC (1.0 -
1205.70.9) <C3DB7D30-903A-306C-9DFA-1669D2B60497> /System/Library/
PrivateFrameworks/RemoteXPC.framework/Versions/A/RemoteXPC
    0x7fff4f60a000 -   0x7fff4f71fff7 com.apple.Sharing (1050.22.2 -
1050.22.2) <4E3CCDF2-EA26-334F-8EBA-79BD28486C9D> /System/Library/
PrivateFrameworks/Sharing.framework/Versions/A/Sharing
    0x7fff4f74a000 -   0x7fff4f74bff7
com.apple.performance.SignpostNotification (1.2.6 - 2.6)
<8F04800F-3570-3392-A24D-B229FF03F7F9> /System/Library/
PrivateFrameworks/SignpostNotification.framework/Versions/A/
SignpostNotification
    0x7fff50493000 -   0x7fff5072fff7 com.apple.SkyLight (1.600.0 - 312.103)
<27F91170-846C-3E9E-9B8A-788F27C7DAF5> /System/Library/
PrivateFrameworks/SkyLight.framework/Versions/A/SkyLight
    0x7fff50ef8000 -   0x7fff50f05fff com.apple.SpeechRecognitionCore (4.6.1
- 4.6.1) <87EE7AB5-6925-3D21-BE00-F155CB457699> /System/Library/
PrivateFrameworks/SpeechRecognitionCore.framework/Versions/A/
SpeechRecognitionCore
    0x7fff513b2000 -   0x7fff513d9fff com.apple.StreamingZip (1.0 - 1)
<32F550C9-3DF8-3DF9-A1EC-699C3D32621B> /System/Library/
PrivateFrameworks/StreamingZip.framework/Versions/A/StreamingZip
    0x7fff51aab000 -   0x7fff51b34fc7 com.apple.Symbolication (9.3 - 64033)
<C2C55C9A-C264-3044-A953-16457148190A> /System/Library/
PrivateFrameworks/Symbolication.framework/Versions/A/Symbolication
    0x7fff520a5000 -   0x7fff520adff7 com.apple.TCC (1.0 - 1) <E1EB7272-
FE6F-39AB-83CA-B2B5F2A88D9B> /System/Library/PrivateFrameworks/
TCC.framework/Versions/A/TCC
    0x7fff522ba000 -   0x7fff52377ff7 com.apple.TextureIO (3.7 - 3.7)
<F8BAC954-405D-3CC3-AB7B-048C866EF980> /System/Library/
PrivateFrameworks/TextureIO.framework/Versions/A/TextureIO
    0x7fff52421000 -   0x7fff52422fff com.apple.TrustEvaluationAgent (2.0 -
31) <39F533B2-211E-3635-AF47-23F27749FF4A> /System/Library/
PrivateFrameworks/TrustEvaluationAgent.framework/Versions/A/
TrustEvaluationAgent
    0x7fff52428000 -   0x7fff525d7fff com.apple.UIFoundation (1.0 - 547.5)
<86A2FBA7-2709-3894-A3D5-A00C19BAC48D> /System/Library/
PrivateFrameworks/UIFoundation.framework/Versions/A/UIFoundation
    0x7fff532ac000 -   0x7fff5337bff7 com.apple.ViewBridge (343.2 - 343.2)
<5519FCED-1F88-3BE6-9BE1-69992086B01B> /System/Library/
PrivateFrameworks/ViewBridge.framework/Versions/A/ViewBridge
    0x7fff53ce0000 -   0x7fff53ce2ffb com.apple.loginsupport (1.0 - 1)
<D1232C1B-80EA-3DF8-9466-013695D0846E> /System/Library/
PrivateFrameworks/login.framework/Versions/A/Frameworks/
loginsupport.framework/Versions/A/loginsupport

0x7fff53ce3000 -   0x7fff53cf8fff com.apple.login (3.0 - 3.0)
<79189BF9-70D4-3839-9E2F-B3990B673A3E> /System/Library/
PrivateFrameworks/login.framework/Versions/A/login
    0x7fff53e49000 -   0x7fff53e7cff7 libclosured.dylib (551.4)
<3FB6B209-51F4-38DA-B1D8-2EE29D5BDD83> /usr/lib/closure/
libclosured.dylib
    0x7fff53f36000 -   0x7fff53f6fff7 libCRFSuite.dylib (41)
<FE5EDB68-2593-3C2E-BBAF-1C52D206F296> /usr/lib/libCRFSuite.dylib
    0x7fff53f70000 -   0x7fff53f7bfff libChineseTokenizer.dylib (28)
<53633C9B-A3A8-36F7-A53C-432D802F4BB8> /usr/lib/
libChineseTokenizer.dylib
    0x7fff5400d000 -   0x7fff5400eff3 libDiagnosticMessagesClient.dylib
(104) <9712E980-76EE-3A89-AEA6-DF4BAF5C0574> /usr/lib/
libDiagnosticMessagesClient.dylib
    0x7fff54045000 -   0x7fff5420fff3 libFosl_dynamic.dylib (17.8)
<C58ED77A-4986-31C2-994C-34DDFB8106F0> /usr/lib/libFosl_dynamic.dylib
    0x7fff54247000 -   0x7fff54247fff libOpenScriptingUtil.dylib (174)
<610F0242-7CE5-3C86-951B-B646562694AF> /usr/lib/
libOpenScriptingUtil.dylib
    0x7fff5437e000 -   0x7fff54382ffb libScreenReader.dylib (562.18.4)
<E239923D-54C9-3BBF-852F-87C09DEF4091> /usr/lib/libScreenReader.dylib
    0x7fff54383000 -   0x7fff54384ffb libSystem.B.dylib (1252.50.4)
<CD555F3B-FDDB-35E5-A2FB-FBBF3D62031A> /usr/lib/libSystem.B.dylib
    0x7fff54403000 -   0x7fff54404fff libThaiTokenizer.dylib (2.2) <6F416F41-
BF77-3078-A05C-AFF5DA5AB008> /usr/lib/libThaiTokenizer.dylib
    0x7fff54417000 -   0x7fff54417fff libapple_crypto.dylib (109.50.14)
<48BA2E76-BF2F-3522-A54E-D7FB7EAF7A57> /usr/lib/libapple_crypto.dylib
    0x7fff54418000 -   0x7fff5442eff7 libapple_nghttp2.dylib (1.24)
<01402BC4-4822-3676-9C80-50D83F816424> /usr/lib/libapple_nghttp2.dylib
    0x7fff5442f000 -   0x7fff54459ff3 libarchive.2.dylib (54) <8FC28DD8-
E315-3C3E-95FE-D1D2CBE49888> /usr/lib/libarchive.2.dylib
    0x7fff5445a000 -   0x7fff544dbfdf libate.dylib (1.13.1) <178ACDAD-
DE7E-346C-A613-1CBF7929AC07> /usr/lib/libate.dylib
    0x7fff544df000 -   0x7fff544dfff3 libauto.dylib (187) <A05C7900-
F8C7-3E75-8D3F-909B40C19717> /usr/lib/libauto.dylib
    0x7fff544e0000 -   0x7fff54598ff3 libboringssl.dylib (109.50.14)
<E6813F87-B5E4-3F7F-A725-E6A7F2BD02EC> /usr/lib/libboringssl.dylib
    0x7fff54599000 -   0x7fff545a9ff3 libbsm.0.dylib (39) <6BC96A72-
AFBE-34FD-91B1-748A530D8AE6> /usr/lib/libbsm.0.dylib
    0x7fff545aa000 -   0x7fff545b7ffb libbz2.1.0.dylib (38)
<0A5086BB-4724-3C14-979D-5AD4F26B5B45> /usr/lib/libbz2.1.0.dylib
    0x7fff545b8000 -   0x7fff5460efff libc++.1.dylib (400.9)
<7D3DACCC-3804-393C-ABC1-1A580FD00CB6> /usr/lib/libc++.1.dylib
    0x7fff5460f000 -   0x7fff54633ff7 libc++abi.dylib (400.8.2)
<EF5E37D7-11D9-3530-BE45-B986612D13E2> /usr/lib/libc++abi.dylib
    0x7fff54635000 -   0x7fff54645fff libcmph.dylib (6)

```
   <A5509EE8-7E00-3224-8814-015B077A3CF5> /usr/lib/libcmph.dylib
    0x7fff54646000 -    0x7fff5465dfcf  libcompression.dylib (47.60.2)
   <543F07BF-2F2F-37D5-9866-E84BF659885B> /usr/lib/libcompression.dylib
    0x7fff54908000 -    0x7fff54920ff7  libcoretls.dylib (155.50.1) <D350052E-
   DC4D-3185-ADBA-BA48EDCEE955> /usr/lib/libcoretls.dylib
    0x7fff54921000 -    0x7fff54922ff3  libcoretls_cfhelpers.dylib (155.50.1)
   <B297F5D8-F2FE-3566-A752-E9D998B9C039> /usr/lib/
   libcoretls_cfhelpers.dylib
    0x7fff54abb000 -    0x7fff54c4cfff  libcrypto.35.dylib (22.50.2)
   <97828BFD-4675-35DF-BE2E-C6D1555BB71D> /usr/lib/libcrypto.35.dylib
    0x7fff54df3000 -    0x7fff54e49ff3  libcups.2.dylib (462.2.4) <908099FB-
   C70E-38FA-9573-88CB98FDDE29> /usr/lib/libcups.2.dylib
    0x7fff54e74000 -    0x7fff54ec8ffb  libcurl.4.dylib (105.40.1) <B04E7791-
   EAF9-3D72-B4ED-DD8F135140EC> /usr/lib/libcurl.4.dylib
    0x7fff54f89000 -    0x7fff54f89fff  libenergytrace.dylib (16) <A92AB8B8-
   B986-3CE6-980D-D55090FEF387> /usr/lib/libenergytrace.dylib
    0x7fff54fbb000 -    0x7fff54fbfff7  libgermantok.dylib (17)
   <37C1C061-5214-3050-9C3A-783A784435A8> /usr/lib/libgermantok.dylib
    0x7fff54fc0000 -    0x7fff54fc5ff3  libheimdal-asn1.dylib (520.50.6)
   <E358445A-B84E-31B5-BCCD-7E1397519D96> /usr/lib/libheimdal-asn1.dylib
    0x7fff54ff1000 -    0x7fff550e2ff7  libiconv.2.dylib (51.50.1)
   <2FEC9707-3FAF-3828-A50D-8605086D060F> /usr/lib/libiconv.2.dylib
    0x7fff550e3000 -    0x7fff5530affb  libicucore.A.dylib (59180.0.1)
   <34EBADD6-4092-30EC-90E8-F75241E94D76> /usr/lib/libicucore.A.dylib
    0x7fff55357000 -    0x7fff55358fff  liblangid.dylib (128)
   <39C39393-0D05-301D-93B2-F224FC4949AA> /usr/lib/liblangid.dylib
    0x7fff55359000 -    0x7fff55372ffb  liblzma.5.dylib (10)
   <3D419A50-961F-37D2-8A01-3DC7AB7B8D18> /usr/lib/liblzma.5.dylib
    0x7fff55373000 -    0x7fff55389ff7  libmarisa.dylib (9)
   <D6D2D55D-1D2E-3442-B152-B18803C0ABB4> /usr/lib/libmarisa.dylib
    0x7fff5538a000 -    0x7fff55439fff  libmecab.1.0.0.dylib (779.7.6)
   <334D4742-BDDD-3C2D-BBEB-85B32643BFA0> /usr/lib/libmecab.1.0.0.dylib
    0x7fff5543a000 -    0x7fff55662ff7  libmecabra.dylib (779.7.6) <F462F170-
   E872-3D09-B219-973D5E99C09F> /usr/lib/libmecabra.dylib
    0x7fff5583a000 -    0x7fff559b5fff  libnetwork.dylib (1229.70.2)
   <E185D902-AC7F-3044-87C0-AE2887C59CE7> /usr/lib/libnetwork.dylib
    0x7fff55a3c000 -    0x7fff55e2a7e7  libobjc.A.dylib (723) <DD9E5EC5-
   B507-3249-B700-93433E2D5EDF> /usr/lib/libobjc.A.dylib
    0x7fff55e3d000 -    0x7fff55e41fff  libpam.2.dylib (22)
   <7B4D2CE2-1438-387A-9802-5CEEFBF26F86> /usr/lib/libpam.2.dylib
    0x7fff55e44000 -    0x7fff55e78fff  libpcap.A.dylib (79.20.1) <FA13918B-
   A247-3181-B256-9B852C7BA316> /usr/lib/libpcap.A.dylib
    0x7fff55ef7000 -    0x7fff55f13ffb  libresolv.9.dylib (65)
   <E8F3415B-4472-3202-8901-41FD87981DB2> /usr/lib/libresolv.9.dylib
    0x7fff55f4f000 -    0x7fff55f61fff  libsasl2.2.dylib (211)
   <04EF3F61-12EC-3319-A649-851999F4C7A4> /usr/lib/libsasl2.2.dylib
```

```
   0x7fff55f62000 -    0x7fff55f63ff3  libspindump.dylib (252) <D8E27057-
E3CC-3D7F-A010-4A87830F6A83> /usr/lib/libspindump.dylib
   0x7fff55f64000 -    0x7fff560f7ff7  libsqlite3.dylib (274.8.1)
<FCAD6A57-829E-3701-B16E-1833D620E0E8> /usr/lib/libsqlite3.dylib
   0x7fff56153000 -    0x7fff561a6ffb  libssl.35.dylib (22.50.2)
<AF523E9B-7183-3A87-8FB4-E26936EC4FDB> /usr/lib/libssl.35.dylib
   0x7fff561f9000 -    0x7fff56247fff  libstdc++.6.0.9.dylib (104.1) <0EA35E7E-
B536-3628-B462-A4098805CEAC> /usr/lib/libstdc++.6.0.9.dylib
   0x7fff562cb000 -    0x7fff5632bff3  libusrtcp.dylib (1229.70.2) <1E065228-
D0E3-3808-9405-894056C6BEC0> /usr/lib/libusrtcp.dylib
   0x7fff5632c000 -    0x7fff5632fffb  libutil.dylib (51.20.1)
<216D18E5-0BAF-3EAF-A38E-F6AC37CBABD9> /usr/lib/libutil.dylib
   0x7fff56330000 -    0x7fff5633dfff  libxar.1.dylib (400)
<0316128D-3B47-3052-995D-97B4FE5491DC> /usr/lib/libxar.1.dylib
   0x7fff56341000 -    0x7fff56428fff  libxml2.2.dylib (31.11)
<C2B5C43F-9C0B-31E6-8EC0-939591EDAC49> /usr/lib/libxml2.2.dylib
   0x7fff56429000 -    0x7fff56451fff  libxslt.1.dylib (15.12)
<4A5E011D-8B29-3135-A52B-9A9070ABD752> /usr/lib/libxslt.1.dylib
   0x7fff56452000 -    0x7fff56464ffb  libz.1.dylib (70)
<48C67CFC-940D-3857-8DAD-857774605352> /usr/lib/libz.1.dylib
   0x7fff56500000 -    0x7fff56504ff7  libcache.dylib (80)
<092479CB-1008-3A83-BECF-E115F24D13C1> /usr/lib/system/libcache.dylib
   0x7fff56505000 -    0x7fff5650fff3  libcommonCrypto.dylib (60118.50.1)
<029F5985-9B6E-3DCB-9B96-FD007678C6A7> /usr/lib/system/
libcommonCrypto.dylib
   0x7fff56510000 -    0x7fff56517fff  libcompiler_rt.dylib (62)
<968B8E3F-3681-3230-9D78-BB8732024F6E> /usr/lib/system/
libcompiler_rt.dylib
   0x7fff56518000 -    0x7fff56521ffb  libcopyfile.dylib (146.50.5)
<3885083D-50D8-3EEC-B481-B2E605180D7F> /usr/lib/system/
libcopyfile.dylib
   0x7fff56522000 -    0x7fff565a7fff  libcorecrypto.dylib (562.70.1)
<5C26364F-2269-31EC-84AF-0FED2C902E38> /usr/lib/system/
libcorecrypto.dylib
   0x7fff5662f000 -    0x7fff56668ff7  libdispatch.dylib (913.60.2)
<232C69BD-022E-3AB9-8807-79F9FA7CB5EC> /usr/lib/system/
libdispatch.dylib
   0x7fff56669000 -    0x7fff56686ff7  libdyld.dylib (551.4)
<81BF3A82-5719-3B54-ABA9-76C82D932CAC> /usr/lib/system/libdyld.dylib
   0x7fff56687000 -    0x7fff56687ffb  libkeymgr.dylib (28)
<E34E283E-90FA-3C59-B48E-1277CDB9CDCE> /usr/lib/system/
libkeymgr.dylib
   0x7fff56688000 -    0x7fff56694ff3  libkxld.dylib (4570.71.2)
<C3C31E1B-3E74-3828-8429-4D442E26D41C> /usr/lib/system/libkxld.dylib
   0x7fff56695000 -    0x7fff56695ff7  liblaunch.dylib (1205.70.9)
<B184B521-FF24-3142-AFAF-23D170CF918C> /usr/lib/system/liblaunch.dylib
```

0x7fff56696000 -   0x7fff5669affb libmacho.dylib (906) <1902A611-081A-3452-B11E-EBD1B166E831> /usr/lib/system/libmacho.dylib
0x7fff5669b000 -   0x7fff5669dff3 libquarantine.dylib (86) <26C0BA22-8F93-3A07-9A4E-C8D53D2CE42E> /usr/lib/system/libquarantine.dylib
0x7fff5669e000 -   0x7fff5669fff3 libremovefile.dylib (45) <711E18B2-5BBE-3211-A916-56740C27D17A> /usr/lib/system/libremovefile.dylib
0x7fff566a0000 -   0x7fff566b7fff libsystem_asl.dylib (356.70.1) <39E46A6F-B228-3E78-B83E-1779F9707A39> /usr/lib/system/libsystem_asl.dylib
0x7fff566b8000 -   0x7fff566b8fff libsystem_blocks.dylib (67) <17303FDF-0D2D-3963-B05E-B4DF63052D47> /usr/lib/system/libsystem_blocks.dylib
0x7fff566b9000 -   0x7fff56742ff7 libsystem_c.dylib (1244.50.9) <1187BFE8-4576-3247-8177-481554E1F9E7> /usr/lib/system/libsystem_c.dylib
0x7fff56743000 -   0x7fff56746ffb libsystem_configuration.dylib (963.50.8) <DF6B5287-203E-30CB-9947-78DF446C72B8> /usr/lib/system/libsystem_configuration.dylib
0x7fff56747000 -   0x7fff5674affb libsystem_coreservices.dylib (51) <486000D3-D8CB-3BE7-8EE5-8BF380DE6DF7> /usr/lib/system/libsystem_coreservices.dylib
0x7fff5674b000 -   0x7fff5674cfff libsystem_darwin.dylib (1244.50.9) <09C21A4A-9EE0-388B-A9D9-DFF8F6758791> /usr/lib/system/libsystem_darwin.dylib
0x7fff5674d000 -   0x7fff56753ff7 libsystem_dnssd.dylib (878.70.2) <3290768B-54DE-3AB6-B155-AC0950AC5564> /usr/lib/system/libsystem_dnssd.dylib
0x7fff56754000 -   0x7fff5679dff7 libsystem_info.dylib (517.30.1) <AB634A98-B8AA-3804-8436-38261FC8EC4D> /usr/lib/system/libsystem_info.dylib
0x7fff5679e000 -   0x7fff567c4ff7 libsystem_kernel.dylib (4570.71.2) <F22B8D73-69D8-36D7-BF66-7F9AC70C08C2> /usr/lib/system/libsystem_kernel.dylib
0x7fff567c5000 -   0x7fff56810fcb libsystem_m.dylib (3147.50.1) <8CFB51C9-B422-3379-8552-064C63943A23> /usr/lib/system/libsystem_m.dylib
0x7fff56811000 -   0x7fff56830fff libsystem_malloc.dylib (140.50.6) <7FD43735-9DDD-300E-8C4A-F909A74BDF49> /usr/lib/system/libsystem_malloc.dylib
0x7fff56831000 -   0x7fff56961ff7 libsystem_network.dylib (1229.70.2) <5E86B2DE-9E15-3354-8714-4094ED5F698D> /usr/lib/system/libsystem_network.dylib
0x7fff56962000 -   0x7fff5696cffb libsystem_networkextension.dylib (767.70.1) <D23EAFC1-E8BD-34D5-969C-6E45A1C3B4E4> /usr/lib/system/libsystem_networkextension.dylib

0x7fff5696d000 -   0x7fff56976ff3 libsystem_notify.dylib (172)
<08012EC0-2CD2-34BE-BF93-E7F56491299A> /usr/lib/system/
libsystem_notify.dylib
    0x7fff56977000 -   0x7fff5697eff7 libsystem_platform.dylib (161.50.1)
<6355EE2D-5456-3CA8-A227-B96E8F1E2AF8> /usr/lib/system/
libsystem_platform.dylib
    0x7fff5697f000 -   0x7fff5698afff libsystem_pthread.dylib (301.50.1)
<0E51CCBA-91F2-34E1-BF2A-FEEFD3D321E4> /usr/lib/system/
libsystem_pthread.dylib
    0x7fff5698b000 -   0x7fff5698efff libsystem_sandbox.dylib (765.70.1)
<553DFCC6-9D31-3B9C-AB7C-30F6F265786D> /usr/lib/system/
libsystem_sandbox.dylib
    0x7fff5698f000 -   0x7fff56990ff3 libsystem_secinit.dylib (30)
<DE8D14E8-A276-3FF8-AE13-77F7040F33C1> /usr/lib/system/
libsystem_secinit.dylib
    0x7fff56991000 -   0x7fff56998ff7 libsystem_symptoms.dylib (820.60.2)
<585BDFA2-D54D-39D0-8046-44E824DABD43> /usr/lib/system/
libsystem_symptoms.dylib
    0x7fff56999000 -   0x7fff569acfff libsystem_trace.dylib (829.70.1)
<3A6CB706-8CA6-3616-8AFC-14AAD7FAF187> /usr/lib/system/
libsystem_trace.dylib
    0x7fff569ae000 -   0x7fff569b3ff7 libunwind.dylib (35.3)
<BEF3FB49-5604-3B5F-82B5-332B80023AC3> /usr/lib/system/
libunwind.dylib
    0x7fff569b4000 -   0x7fff569e1ff7 libxpc.dylib (1205.70.9)
<0BC7AD67-671D-31D4-8B88-C317B8379598> /usr/lib/system/libxpc.dylib

External Modification Summary:
  Calls made by other processes targeting this process:
    task_for_pid: 2
    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: 15713
    thread_create: 0
    thread_set_state: 0

VM Region Summary:
ReadOnly portion of Libraries: Total=468.7M resident=0K(0%)
swapped_out_or_unallocated=468.7M(100%)
Writable regions: Total=5.3G written=0K(0%) resident=0K(0%)
swapped_out=0K(0%) unallocated=5.3G(100%)

```
                    VIRTUAL   REGION
REGION TYPE                SIZE    COUNT (non-coalesced)
===========                =======  =======
ATS (font support)         32.2M      6
ATS (font support) (reserved)    4K      2       reserved VM address space
(unallocated)
Accelerate framework       128K       2
Activity Tracing           256K       2
CG backing stores          48.1M      8
CG image                   1968K    107
CoreAnimation              9104K     31
CoreGraphics               8K         2
CoreImage                  724K       8
CoreUI image data          5420K     30
CoreUI image file          336K       8
Foundation                 32K        3
Image IO                   256K       2
Kernel Alloc Once          8K         2
MALLOC                     4.0G     272
MALLOC guard page          48K       13
MALLOC_LARGE (reserved)    192.0M    17     reserved VM address
space (unallocated)
Memory Tag 242             12K        2
Memory Tag 251             12K        2
STACK GUARD                56.0M     13
Stack                      38.1M     15
VM_ALLOCATE                12.8M     61
VM_ALLOCATE (reserved)     1.0G       2     reserved VM address space
(unallocated)
__DATA                     53.2M    322
__FONT_DATA                4K         2
__GLSLBUILTINS             2588K      2
__LINKEDIT                 206.9M    31
__TEXT                     261.8M   320
__UNICODE                  560K       2
mapped file                80.2M     30
shared memory              3444K     16
===========                =======  =======
TOTAL                      5.9G    1304
TOTAL, minus reserved VM space    4.8G    1304
```

Model: MacBookPro14,3, BootROM MBP143.0178.B00, 4 processors, Intel Core i7, 2,9 GHz, 16 GB, SMC 2.45f0
Graphics: Intel HD Graphics 630, Intel HD Graphics 630, Built-In
Graphics: Radeon Pro 560, Radeon Pro 560, PCIe

Memory Module: BANK 0/DIMM0, 8 GB, LPDDR3, 2133 MHz, 0x802C, 0x4D5435324C31473332443450472D30393320
Memory Module: BANK 1/DIMM0, 8 GB, LPDDR3, 2133 MHz, 0x802C, 0x4D5435324C31473332443450472D30393320
AirPort: spairport_wireless_card_type_airport_extreme (0x14E4, 0x173), Broadcom BCM43xx 1.0 (7.77.37.31.1a9)
Bluetooth: Version 6.0.7f10, 3 services, 27 devices, 1 incoming serial ports
Network Service: USB 10/100/1000 LAN, Ethernet, en10
Network Service: Wi-Fi, AirPort, en0
USB Device: USB 3.0 Bus
USB Device: USB2.0 Hub
USB Device: 4-Port USB 2.0 Hub
USB Device: USB Keyboard
USB Device: iBridge
USB Device: 802.11n NIC
USB Device: USB3.0 Hub
USB Device: Mass Storage Device
USB Device: USB 10/100/1000 LAN
USB Device: 4-Port USB 3.0 Hub
Thunderbolt Bus: MacBook Pro, Apple Inc., 33.1
Thunderbolt Bus: MacBook Pro, Apple Inc., 33.1