

Process: Pages [522]
Path: /Applications/Pages.app/Contents/MacOS/Pages
Identifier: Pages
Version: 7.3 (5989)
App Item ID: 409201541
App External ID: 829038251
Code Type: X86-64 (Native)
Parent Process: ??? [1]
Responsible: Pages [522]
User ID: 501

Date/Time: 2018-12-14 06:45:31.159 -0500
OS Version: Mac OS X 10.14.2 (18C54)
Report Version: 12
Anonymous UUID: E4D2C31D-EF1A-63D9-A35B-C5CB0B5AB3DF

Time Awake Since Boot: 17000 seconds

System Integrity Protection: enabled

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

Exception Type: EXC_CRASH (SIGABRT)
Exception Codes: 0x0000000000000000, 0x0000000000000000
Exception Note: EXC_CORPSE_NOTIFY

Application Specific Information:

abort() called

Pages(522,0x112bb95c0) malloc: *** error for object 0x7ff34b4353d0: pointer being freed was not allocated

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

0 libsystem_kernel.dylib 0x00007fff66c8a23e __pthread_kill + 10
1 libsystem_pthread.dylib 0x00007fff66d40c1c pthread_kill + 285
2 libsystem_c.dylib 0x00007fff66bf31c9 abort + 127
3 libsystem_malloc.dylib 0x00007fff66d026e2 malloc_vreport + 545
4 libsystem_malloc.dylib 0x00007fff66d024a3 malloc_report + 152
5 com.apple.QuartzCore 0x00007fff4485ac59
CA::release_root_if_unused(CA::Layer*, CA::Layer*, void*) + 47
6 com.apple.QuartzCore 0x00007fff4485abab x_hash_table_remove_if + 100
7 com.apple.QuartzCore 0x00007fff44848fb1 CA::Transaction::commit() + 361
8 com.apple.QuartzCore 0x00007fff44848d94
CA::Transaction::observer_callback(__CFRunLoopObserver*, unsigned long, void*) + 66
9 com.apple.CoreFoundation 0x00007fff398d27b9
__CFRUNLOOP_IS_CALLING_OUT_TO_AN_OBSERVER_CALLBACK_FUNCTION__ + 23
10 com.apple.CoreFoundation 0x00007fff398d26ee __CFRunLoopDoObservers + 452
11 com.apple.CoreFoundation 0x00007fff39873ef2 CFRunLoopRunSpecific + 527
12 com.apple.HIToolbox 0x00007fff38afdab5 RunCurrentEventLoopInMode + 293
13 com.apple.HIToolbox 0x00007fff38afd7eb ReceiveNextEventCommon + 618
14 com.apple.HIToolbox 0x00007fff38afd568
_BlockUntilNextEventMatchingListInModeWithFilter + 64
15 com.apple.AppKit 0x00007fff36db8363 _DPSNextEvent + 997

```
16 com.apple.AppKit          0x00007fff36db7102 -[NSApplication(NSEvent)
_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1362
17 com.apple.AppKit          0x00007fff36db1165 -[NSApplication run] + 699
18 com.apple.AppKit          0x00007fff36da08a3 NSApplicationMain + 780
19 com.apple.iWork.Pages     0x00000000105a341dd 0x1059ef000 + 283101
20 libdyld.dylib              0x00007fff66b4aed9 start + 1
```

Thread 1:: com.apple.NSEventThread

```
0 libsystem_kernel.dylib    0x00007fff66c8417a mach_msg_trap + 10
1 libsystem_kernel.dylib    0x00007fff66c846d0 mach_msg + 60
2 com.apple.CoreFoundation  0x00007fff39875238 __CFRunLoopServiceMachPort +
336
3 com.apple.CoreFoundation  0x00007fff39874786 __CFRunLoopRun + 1661
4 com.apple.CoreFoundation  0x00007fff39873eb6 CFRunLoopRunSpecific + 467
5 com.apple.AppKit          0x00007fff36dc0f89 _NSEventThread + 160
6 libsystem_pthread.dylib    0x00007fff66d3e305 _pthread_body + 126
7 libsystem_pthread.dylib    0x00007fff66d4126f _pthread_start + 70
8 libsystem_pthread.dylib    0x00007fff66d3d415 thread_start + 13
```

Thread 2:

```
0 libsystem_pthread.dylib    0x00007fff66d3d3f8 start_wqthread + 0
1 ???                        0x00000000054485244 0 + 1414025796
```

Thread 3:

```
0 libsystem_pthread.dylib    0x00007fff66d3d3f8 start_wqthread + 0
1 ???                        0x00000000054485244 0 + 1414025796
```

Thread 4:

```
0 libsystem_pthread.dylib    0x00007fff66d3d3f8 start_wqthread + 0
1 ???                        0x00000000054485244 0 + 1414025796
```

Thread 5:

```
0 libsystem_pthread.dylib    0x00007fff66d3d3f8 start_wqthread + 0
```

Thread 6:: Dispatch queue: com.apple.root.default-qos

```
0 libsystem_kernel.dylib    0x00007fff66c840ea
_kernelrpc_mach_port_deallocate_trap + 10
1 libsystem_kernel.dylib    0x00007fff66c84798 mach_port_deallocate + 17
2 com.apple.QuartzCore      0x00007fff4486feda CA::Render::Shmem::~Shmem() + 60
3 com.apple.QuartzCore      0x00007fff4486fe90 CA::Render::Shmem::~Shmem() + 14
4 com.apple.QuartzCore      0x00007fff448acd25 backingStoreFinalize(void const*) +
165
5 com.apple.CoreFoundation  0x00007fff39978943 _CFRelease + 243
6 com.apple.QuartzCore      0x00007fff4486f2c5 CA::Layer::~Layer() + 585
7 com.apple.QuartzCore      0x00007fff4485ac51
CA::release_root_if_unused(CA::Layer*, CA::Layer*, void*) + 39
8 com.apple.QuartzCore      0x00007fff4485abab x_hash_table_remove_if + 100
9 com.apple.QuartzCore      0x00007fff44848fb1 CA::Transaction::commit() + 361
10 com.apple.iWork.Pages     0x000000001089a2b0e 0x1059ef000 + 50019086
11 com.apple.iWork.Pages     0x000000001089a4b18 0x1059ef000 + 50027288
12 com.apple.iWork.Pages     0x00000000105cd09f4 0x1059ef000 + 3021300
13 com.apple.iWork.Pages     0x00000000105c97b9e 0x1059ef000 + 2788254
14 com.apple.iWork.Pages     0x000000001089a490b 0x1059ef000 + 50026763
15 com.apple.iWork.Pages     0x000000001089a2924 0x1059ef000 + 50018596
```

16 com.apple.iWork.Pages 0x0000000108a6adad 0x1059ef000 + 50838957
17 com.apple.iWork.Pages 0x00000001089a2856 0x1059ef000 + 50018390
18 com.apple.iWork.Pages 0x00000001089823ee 0x1059ef000 + 49886190
19 libdispatch.dylib 0x00007fff66afbd53 _dispatch_call_block_and_release + 12
20 libdispatch.dylib 0x00007fff66afcddf _dispatch_client_callout + 8
21 libdispatch.dylib 0x00007fff66aff240 _dispatch_queue_override_invoke + 767
22 libdispatch.dylib 0x00007fff66b0ad26 _dispatch_root_queue_drain + 325
23 libdispatch.dylib 0x00007fff66b0b4bd _dispatch_worker_thread2 + 90
24 libsystem_pthread.dylib 0x00007fff66d3d6dd _pthread_wqthread + 619
25 libsystem_pthread.dylib 0x00007fff66d3d405 start_wqthread + 13

Thread 7:

0 libsystem_pthread.dylib 0x00007fff66d3d3f8 start_wqthread + 0

Thread 0 crashed with X86 Thread State (64-bit):

rax: 0x0000000000000000 rbx: 0x0000000112bb95c0 rcx: 0x00007ffeea20fe98 rdx:
0x0000000000000000
rdi: 0x00000000000000307 rsi: 0x0000000000000006 rbp: 0x00007ffeea20fed0 rsp:
0x00007ffeea20fe98
r8: 0x0000000000000000 r9: 0x00007ffeea20fdf0 r10: 0x0000000000000000 r11:
0x00000000000000206
r12: 0x00000000000000307 r13: 0x000000010ef24000 r14: 0x0000000000000006 r15:
0x000000000000002d
rip: 0x00007fff66c8a23e rfi: 0x00000000000000206 cr2: 0x00007fff996a9188

Logical CPU: 0

Error Code: 0x02000148

Trap Number: 133

Binary Images:

0x1059ef000 - 0x10ae52ff7 com.apple.iWork.Pages (7.3 - 5989)
<9908D337-8739-3386-B1B0-E9F6CED21561> /Applications/Pages.app/Contents/MacOS/
Pages
0x10bf83000 - 0x10bf97ff7 +libswiftAppKit.dylib (4.2.1 - 1000.11.42)
<1223BA92-5392-33F4-893F-8C20A5D0905D> /Applications/Pages.app/Contents/
Frameworks/libswiftAppKit.dylib
0x10bfc4000 - 0x10bfdcfff +libswiftCloudKit.dylib (4.2.1 - 1000.11.42)
<212D7ADF-8317-3AB9-A7FF-1112987247DE> /Applications/Pages.app/Contents/
Frameworks/libswiftCloudKit.dylib
0x10c009000 - 0x10c00ffff +libswiftContacts.dylib (4.2.1 - 1000.11.42)
<D487DD8C-07E0-3E4F-877C-94827030D713> /Applications/Pages.app/Contents/
Frameworks/libswiftContacts.dylib
0x10c01d000 - 0x10c3afff7 +libswiftCore.dylib (4.2.1 - 1000.11.42) <D0C86227-
BFC8-30D7-93B8-9F228E0F15BA> /Applications/Pages.app/Contents/Frameworks/
libswiftCore.dylib
0x10c686000 - 0x10c68dff7 +libswiftCoreAudio.dylib (4.2.1 - 1000.11.42) <A097BF36-
D66C-3499-BC EE-A677F80E508E> /Applications/Pages.app/Contents/Frameworks/
libswiftCoreAudio.dylib
0x10c69d000 - 0x10c6a5fff +libswiftCoreData.dylib (4.2.1 - 1000.11.42)
<6CC602C0-1AA9-3DD3-B843-CD1D07C36F27> /Applications/Pages.app/Contents/
Frameworks/libswiftCoreData.dylib

0x10c6b7000 - 0x10c6bafff +libswiftCoreFoundation.dylib (4.2.1 - 1000.11.42)
<801E1416-6C23-3C48-BF46-2349B9F36C9E> /Applications/Pages.app/Contents/
Frameworks/libswiftCoreFoundation.dylib
0x10c6c4000 - 0x10c6d3ff7 +libswiftCoreGraphics.dylib (4.2.1 - 1000.11.42)
<579D172D-0873-33EB-A529-742D5D70BD74> /Applications/Pages.app/Contents/
Frameworks/libswiftCoreGraphics.dylib
0x10c6fa000 - 0x10c6ffff7 +libswiftCoreImage.dylib (4.2.1 - 1000.11.42)
<4DB8ED84-0EBB-3922-B3A4-82EE4834549B> /Applications/Pages.app/Contents/
Frameworks/libswiftCoreImage.dylib
0x10c70d000 - 0x10c712fff +libswiftCoreLocation.dylib (4.2.1 - 1000.11.42)
<B9DF032B-1FF5-3CA7-8069-BDDBAFC8382C> /Applications/Pages.app/Contents/
Frameworks/libswiftCoreLocation.dylib
0x10c71f000 - 0x10c729ff7 +libswiftCoreMedia.dylib (4.2.1 - 1000.11.42)
<2B005CA1-E91D-3BDB-91D3-9A7D81B5BDFA> /Applications/Pages.app/Contents/
Frameworks/libswiftCoreMedia.dylib
0x10c73b000 - 0x10c743fff +libswiftDarwin.dylib (4.2.1 - 1000.11.42)
<70D5D45B-0327-352C-BDCE-F792699DAB88> /Applications/Pages.app/Contents/
Frameworks/libswiftDarwin.dylib
0x10c75c000 - 0x10c775ff7 +libswiftDispatch.dylib (4.2.1 - 1000.11.42)
<E8DBE923-0513-3FE8-8E3A-5778014FD810> /Applications/Pages.app/Contents/
Frameworks/libswiftDispatch.dylib
0x10c7b8000 - 0x10c920fff +libswiftFoundation.dylib (4.2.1 - 1000.11.42)
<2252DB9E-6B26-31AD-A869-9D92FA2BE196> /Applications/Pages.app/Contents/
Frameworks/libswiftFoundation.dylib
0x10cabf000 - 0x10cac2fff +libswiftIOLKit.dylib (4.2.1 - 1000.11.42)
<575A9454-3EB8-3314-B67B-9D0C88C03D5F> /Applications/Pages.app/Contents/
Frameworks/libswiftIOLKit.dylib
0x10cad1000 - 0x10cadafff +libswiftMetal.dylib (4.2.1 - 1000.11.42)
<A538B219-717C-30F5-BB27-BF1C170EE99F> /Applications/Pages.app/Contents/
Frameworks/libswiftMetal.dylib
0x10caed000 - 0x10caf1fff +libswiftObjectiveC.dylib (4.2.1 - 1000.11.42)
<A521AAA2-3B1F-38AF-BFA0-BB02A94ECA8B> /Applications/Pages.app/Contents/
Frameworks/libswiftObjectiveC.dylib
0x10caff000 - 0x10cb05ff7 +libswiftQuartzCore.dylib (4.2.1 - 1000.11.42)
<C619FC2F-405B-3E38-8FDA-36B2A9EBA0F2> /Applications/Pages.app/Contents/
Frameworks/libswiftQuartzCore.dylib
0x10cb0e000 - 0x10cb11fff +libswiftXPC.dylib (4.2.1 - 1000.11.42) <3EC739CE-
A1AC-3199-8461-9CA872E2B9EF> /Applications/Pages.app/Contents/Frameworks/
libswiftXPC.dylib
0x10cb1f000 - 0x10cb26fff +libswiftos.dylib (4.2.1 - 1000.11.42) <0B29ACF1-
EFFF-3F02-B509-5210DC92DD31> /Applications/Pages.app/Contents/Frameworks/
libswiftos.dylib
0x110fc6000 - 0x110fc8ff3 com.apple.CloudDocsFileProvider (1.0 - 575.204)
<64279182-17AE-3E6D-AF9B-0E7F19B34430> /System/Library/PrivateFrameworks/
FileProvider.framework/OverrideBundles/CloudDocsFileProvider.bundle/Contents/MacOS/
CloudDocsFileProvider
0x110fcd000 - 0x110fd0ffb com.apple.FileProviderOverride (125.130 - 125.130)
<36DEB811-ACA6-3E55-BC2D-3C228B3A25E0> /System/Library/PrivateFrameworks/
FileProvider.framework/OverrideBundles/FileProviderOverride.bundle/Contents/MacOS/
FileProviderOverride
0x110fd6000 - 0x110fdfff com.apple.FinderSyncCollaborationFileProviderOverride
(1.0 - 1143.2.2) <B06BBEB2-1050-334D-97E6-D8C09C65A2BF> /System/Library/
PrivateFrameworks/FileProvider.framework/OverrideBundles/

FinderSyncCollaborationFileProviderOverride.bundle/Contents/MacOS/
FinderSyncCollaborationFileProviderOverride
0x111ba9000 - 0x111baaff com.apple.AddressBook.LocalSourceBundle (11.0 -
1890) <FBC1B1A0-132C-3E3C-B5BE-3142046C0B9E> /System/Library/Address Book Plug-
Ins/LocalSource.sourcebundle/Contents/MacOS/LocalSource
0x111baf000 - 0x111bb3fff com.apple.DirectoryServicesSource (11.0 - 1890)
<156D1C78-2187-329F-902E-57B70F6AC879> /System/Library/Address Book Plug-Ins/
DirectoryServices.sourcebundle/Contents/MacOS/DirectoryServices
0x111bbb000 - 0x111c35ff7 com.apple.AddressBook.CardDAVPlugin (10.9 - 546)
<14D6B206-97CD-32BA-9776-411282F59E17> /System/Library/Address Book Plug-Ins/
CardDAVPlugin.sourcebundle/Contents/MacOS/CardDAVPlugin
0x112082000 - 0x112085047 libobjc-trampolines.dylib (750.1) <1F602C29-
B6EE-34B1-BB43-93A592C1F0BC> /usr/lib/libobjc-trampolines.dylib
0x112b03000 - 0x112b81a67 dyld (640.2) <289AB27E-F09F-3384-
A14A-100431139559> /usr/lib/dyld
0x7fff2f4da000 - 0x7fff2f853fff com.apple.RawCamera.bundle (8.11.0 - 1031.1.3)
<15BB3751-9084-381A-8D25-5C60695C292A> /System/Library/CoreServices/
RawCamera.bundle/Contents/MacOS/RawCamera
0x7fff317fd000 - 0x7fff31877fff com.apple.driver.AppleIntelHD4000GraphicsMTLDriver
(12.4.7.1 - 12.0.4) <7D1538A5-DACF-30AA-833B-498FA4BA84C8> /System/Library/
Extensions/AppleIntelHD4000GraphicsMTLDriver.bundle/Contents/MacOS/
AppleIntelHD4000GraphicsMTLDriver
0x7fff355a3000 - 0x7fff35791fff com.apple.avfoundation (2.0 - 1544.5) <BC32B996-
F411-3CA0-B9FB-8CEBA2DD356D> /System/Library/Frameworks/AVFoundation.framework/
Versions/A/AVFoundation
0x7fff35792000 - 0x7fff35861fff com.apple.audio.AVFAudio (1.0 - ???) <9C4C64BB-
E751-3BB3-B4D0-233ADD48A029> /System/Library/Frameworks/AVFoundation.framework/
Versions/A/Frameworks/AVFAudio.framework/Versions/A/AVFAudio
0x7fff3596f000 - 0x7fff3596ffff com.apple.Accelerate (1.11 - Accelerate 1.11)
<FC9BE0AB-2371-3ACB-9FD8-A1D439CC4C49> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Accelerate
0x7fff35970000 - 0x7fff35986ff7 libCGInterfaces.dylib (506.19.1) <9E0F6B86-9E59-3EA9-
A586-3A3BA7F2F08A> /System/Library/Frameworks/Accelerate.framework/Versions/A/
Frameworks/vImage.framework/Versions/A/Libraries/libCGInterfaces.dylib
0x7fff35987000 - 0x7fff3627bfcf com.apple.vImage (8.1 - ???) <D6FB3B13-4760-3811-
AF3E-F2B6626B70F6> /System/Library/Frameworks/Accelerate.framework/Versions/A/
Frameworks/vImage.framework/Versions/A/vImage
0x7fff3627c000 - 0x7fff36427fcf libBLAS.dylib (1243.200.4)
<432DB967-86BB-3645-8838-CE91CBF51CFA> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBLAS.dylib
0x7fff36428000 - 0x7fff3646dfff libBNNS.dylib (38.200.5) <FE0872E1-B992-369F-
BD01-2EABBDD318F1> /System/Library/Frameworks/Accelerate.framework/Versions/A/
Frameworks/vecLib.framework/Versions/A/libBNNS.dylib
0x7fff3646e000 - 0x7fff36827fff libLAPACK.dylib (1243.200.4) <670B40E4-
AE2F-3311-8ACC-E355F9A36769> /System/Library/Frameworks/Accelerate.framework/
Versions/A/Frameworks/vecLib.framework/Versions/A/libLAPACK.dylib
0x7fff36828000 - 0x7fff3683dfff libLinearAlgebra.dylib (1243.200.4)
<4F53BB84-19EB-3B37-ADD7-553077851007> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libLinearAlgebra.dylib
0x7fff3683e000 - 0x7fff36843ff3 libQuadrature.dylib (3.200.2)
<4FBCAC0A-81A4-3C53-8458-27F3569C809D> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libQuadrature.dylib

0x7fff36844000 - 0x7fff368c1ffb libSparse.dylib (79.200.5) <2D650C50-E87E-3F24-9BFA-C8EB6DE1A6E9> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libSparse.dylib
0x7fff368c2000 - 0x7fff368d4ffb libSparseBLAS.dylib (1243.200.4) <16E0C963-955E-3197-9EE0-256A61DB9D57> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libSparseBLAS.dylib
0x7fff368d5000 - 0x7fff36a73fdb libvDSP.dylib (671.220.1) <95AA3236-5D63-35AF-9305-FDC361365110> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvDSP.dylib
0x7fff36a74000 - 0x7fff36bebf3 libvMisc.dylib (671.220.1) <6F0164E4-3812-3F1D-AEBC-AF3AFF207FB6> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvMisc.dylib
0x7fff36bec000 - 0x7fff36becfff com.apple.Accelerate.vecLib (3.11 - vecLib 3.11) <0AB4E69A-8159-3BA5-984D-002B5ACB175C> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/vecLib
0x7fff36bed000 - 0x7fff36c50ffb com.apple.Accounts (113 - 113) <F40D3A96-AFE7-33BA-9666-C41B0B381715> /System/Library/Frameworks/Accounts.framework/Versions/A/Accounts
0x7fff36c53000 - 0x7fff36d9cff7 com.apple.AddressBook.framework (11.0 - 1890) <BC45996B-00E0-3881-A6EB-8A63B9A0B76F> /System/Library/Frameworks/AddressBook.framework/Versions/A/AddressBook
0x7fff36d9d000 - 0x7fff37bbeffb com.apple.AppKit (6.9 - 1671.20.108) <0C441020-D10E-3CE0-B320-527E50EADBEC> /System/Library/Frameworks/AppKit.framework/Versions/C/AppKit
0x7fff37c10000 - 0x7fff37c10fff com.apple.ApplicationServices (50.1 - 50.1) <50496459-FFDD-3A78-8D3D-A252BD9B9DA2> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/ApplicationServices
0x7fff37c11000 - 0x7fff37c7cff7 com.apple.ApplicationServices.ATS (377 - 453.11) <4080F8BE-F2A2-3707-8754-436FBDB1DAF1> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/ATS
0x7fff37c7d000 - 0x7fff37c7eff7 ATSHI.dylib (453.11) <78D93611-C22F-39E6-AD4A-E0ABF620EE04> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/ATSHI.dylib
0x7fff37d15000 - 0x7fff37e34fff libFontParser.dylib (228.6) <BBCBEE2C-5B55-3278-B81D-22D72466753E> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontParser.dylib
0x7fff37e35000 - 0x7fff37e80fff libFontRegistry.dylib (228.12) <1CC4D486-74F8-3459-BBA1-F68A36C5CAF8> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontRegistry.dylib
0x7fff37edf000 - 0x7fff37f12ff7 libTrueTypeScaler.dylib (228.6) <760BF895-3D7A-36E2-B97C-6775C3615A1D> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libTrueTypeScaler.dylib
0x7fff37f7c000 - 0x7fff37f80ff3 com.apple.ColorSyncLegacy (4.13.0 - 1) <4B1238CC-9B77-3AA5-8329-EE3C736F07EA> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ColorSyncLegacy.framework/Versions/A/ColorSyncLegacy
0x7fff3801d000 - 0x7fff3806fff3 com.apple.HIServices (1.22 - 627.14.2) <1F851BF9-AD29-3558-9EA5-AAD9BAAAC823> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/HIServices.framework/Versions/A/HIServices
0x7fff38070000 - 0x7fff3807eff3 com.apple.LangAnalysis (1.7.0 - 1.7.0) <5654723A-7B3B-391F-B9F7-0DE4D5940185> /System/Library/Frameworks/

ApplicationServices.framework/Versions/A/Frameworks/LangAnalysis.framework/Versions/A/LangAnalysis
0x7fff3807f000 - 0x7fff380cbfff com.apple.print.framework.PrintCore (14.2 - 503.8)
<F1246C9A-2216-3390-8DF1-89304F47CE5D> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/PrintCore.framework/Versions/A/
PrintCore
0x7fff380cc000 - 0x7fff38107ff7 com.apple.QD (3.12 - 407.2) <F6B648DA-DA39-3EB4-
B593-1B7E316661CD> /System/Library/Frameworks/ApplicationServices.framework/Versions/
A/Frameworks/QD.framework/Versions/A/QD
0x7fff38108000 - 0x7fff38114ff7 com.apple.speech.synthesis.framework (8.1.0 - 8.1.0)
<CF19C8B6-AAD5-3DCF-ABD0-3BABB44D119C> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/SpeechSynthesis.framework/Versions/
A/SpeechSynthesis
0x7fff38115000 - 0x7fff383b2fff com.apple.audio.toolbox.AudioToolbox (1.14 - 1.14)
<5D484151-F269-3D98-B507-0544A6B950AC> /System/Library/Frameworks/
AudioToolbox.framework/Versions/A/AudioToolbox
0x7fff383b4000 - 0x7fff383b4fff com.apple.audio.units.AudioUnit (1.14 - 1.14)
<91100E0A-C14D-3E6C-B095-0C4109AC6694> /System/Library/Frameworks/
AudioUnit.framework/Versions/A/AudioUnit
0x7fff38718000 - 0x7fff38ad9fff com.apple.CFNetwork (976 - 976)
<10F464AD-6687-3012-A2AA-0453629CA968> /System/Library/Frameworks/
CFNetwork.framework/Versions/A/CFNetwork
0x7fff38aee000 - 0x7fff38aefff com.apple.Carbon (158 - 158)
<D6170F31-7A8A-3D4F-91DA-E11CF33E62B4> /System/Library/Frameworks/
Carbon.framework/Versions/A/Carbon
0x7fff38aef000 - 0x7fff38af2ffb com.apple.CommonPanels (1.2.6 - 98) <775C94BE-
EC00-315F-96E0-F0C1CD6EE3F4> /System/Library/Frameworks/Carbon.framework/Versions/
A/Frameworks/CommonPanels.framework/Versions/A/CommonPanels
0x7fff38af3000 - 0x7fff38dfaff7 com.apple.HIToolbox (2.1.1 - 917.3) <B2FEF0F3-
CBA0-3FD9-93FC-E3A13DCB8C49> /System/Library/Frameworks/Carbon.framework/
Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox
0x7fff38dfb000 - 0x7fff38dfeffb com.apple.help (1.3.8 - 66) <0C6CC127-
A860-30D2-8434-6CC3CAFFB030> /System/Library/Frameworks/Carbon.framework/Versions/
A/Frameworks/Help.framework/Versions/A/Help
0x7fff38dff000 - 0x7fff38e04ff7 com.apple.ImageCapture (9.0 - 1530.1)
<72ABBF32-531B-3B04-926D-E14B8D9003A8> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/A/
ImageCapture
0x7fff38e05000 - 0x7fff38e99ff3 com.apple.ink.framework (10.9 - 225) <344AACCC-
E997-3498-8B1D-2EFD3A889205> /System/Library/Frameworks/Carbon.framework/Versions/
A/Frameworks/Ink.framework/Versions/A/Ink
0x7fff38e9a000 - 0x7fff38eb4fff com.apple.openscripting (1.7 - 179)
<A57FC4DB-4C51-3ABB-842F-9578991043E3> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/OpenScripting.framework/Versions/A/
OpenScripting
0x7fff38ed5000 - 0x7fff38ed6fff com.apple.print.framework.Print (14.2 - 267.4)
<618D290C-2EA0-3959-A2A8-FB7B61DA92DD> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/Print.framework/Versions/A/Print
0x7fff38ed7000 - 0x7fff38ed9ff7 com.apple.securityhi (9.0 - 55006) <2FE1EB07-
F717-3E89-9662-8BA7C17C6AEC> /System/Library/Frameworks/Carbon.framework/Versions/
A/Frameworks/SecurityHI.framework/Versions/A/SecurityHI
0x7fff38eda000 - 0x7fff38ee0ff7 com.apple.speech.recognition.framework (6.0.3 - 6.0.3)
<F7E95C56-19E8-30A1-9594-84D4DD89F6D4> /System/Library/Frameworks/

Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/Versions/A/SpeechRecognition
0x7fff38ee1000 - 0x7fff39008ffb com.apple.cloudkit.CloudKit (736.150 - 736.150) <370D80BA-D836-3CEC-94B7-C5372F297F6F> /System/Library/Frameworks/CloudKit.framework/Versions/A/CloudKit
0x7fff39009000 - 0x7fff39009fff com.apple.Cocoa (6.11 - 23) <D0BED932-C061-33E9-9F59-ECE0BA9F7EEB> /System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa
0x7fff39017000 - 0x7fff390e3fff com.apple.ColorSync (4.13.0 - 3340) <2F45EB01-0C51-3D25-9836-18F99222E1C7> /System/Library/Frameworks/ColorSync.framework/Versions/A/ColorSync
0x7fff390e4000 - 0x7fff391d8ff3 com.apple.contacts (1.0 - 2901) <CCA1647C-9A78-31AD-A300-53F5797DBDF9> /System/Library/Frameworks/Contacts.framework/Versions/A/Contacts
0x7fff391d9000 - 0x7fff3927dff3 com.apple.ContactsUI (11.0 - 1890) <D4298AAE-DBC0-3774-96B5-950AAC1B1D16> /System/Library/Frameworks/ContactsUI.framework/Versions/A/ContactsUI
0x7fff3927e000 - 0x7fff3930efff com.apple.audio.CoreAudio (4.3.0 - 4.3.0) <1E7EF105-B843-370D-884E-0A43E1A5800B> /System/Library/Frameworks/CoreAudio.framework/Versions/A/CoreAudio
0x7fff39374000 - 0x7fff3939fff7 com.apple.CoreBluetooth (1.0 - 1) <F041753E-7709-3FA4-ADA3-6B37296D92FB> /System/Library/Frameworks/CoreBluetooth.framework/Versions/A/CoreBluetooth
0x7fff393a0000 - 0x7fff3974efff com.apple.CoreData (120 - 866.1) <FD7900C2-5A00-3560-9F37-6EED4DDFE873> /System/Library/Frameworks/CoreData.framework/Versions/A/CoreData
0x7fff3974f000 - 0x7fff39838ff7 com.apple.CoreDisplay (101.3 - 106.2) <EE0D334B-8B71-3A70-9F90-677171D6762F> /System/Library/Frameworks/CoreDisplay.framework/Versions/A/CoreDisplay
0x7fff39839000 - 0x7fff39c87ff7 com.apple.CoreFoundation (6.9 - 1561) <11315B67-F976-35E3-92E0-67DCD59B4DB4> /System/Library/Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation
0x7fff39c89000 - 0x7fff3a333ff7 com.apple.CoreGraphics (2.0 - 1249.2) <0693AE89-63FC-3AC2-8550-1D9FB612C77E> /System/Library/Frameworks/CoreGraphics.framework/Versions/A/CoreGraphics
0x7fff3a335000 - 0x7fff3a65efff com.apple.CoreImage (14.2.0 - 720.0.130) <8C8BC619-7084-3F58-BBFC-4A97BD330787> /System/Library/Frameworks/CoreImage.framework/Versions/A/CoreImage
0x7fff3a65f000 - 0x7fff3a6e0fff com.apple.corelocation (2245.8.21) <92417078-F654-316A-8B67-0390521AD17C> /System/Library/Frameworks/CoreLocation.framework/Versions/A/CoreLocation
0x7fff3a740000 - 0x7fff3a9a7ff7 com.apple.CoreML (1.0 - 1) <B2D4BE60-846A-3809-886B-F9FE70FE95AB> /System/Library/Frameworks/CoreML.framework/Versions/A/CoreML
0x7fff3a9af000 - 0x7fff3aab0fff com.apple.CoreMedia (1.0 - 2284.9) <4662B44E-F463-3FC8-A643-2195FF10A3E4> /System/Library/Frameworks/CoreMedia.framework/Versions/A/CoreMedia
0x7fff3aab1000 - 0x7fff3ab13fff com.apple.CoreMediaIO (900.0 - 5025) <7200894C-68E6-396A-90F1-389BB32EAC86> /System/Library/Frameworks/CoreMediaIO.framework/Versions/A/CoreMediaIO
0x7fff3ab14000 - 0x7fff3ab14fff com.apple.CoreServices (941 - 941) <950D3EAF-C98E-3BCB-8FD9-43EEA0E48988> /System/Library/Frameworks/CoreServices.framework/Versions/A/CoreServices

0x7fff3ab15000 - 0x7fff3ab93ffb com.apple.AE (771 - 771) <4B009524-699E-3891-98DD-E3B6BB433C8F> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/AE.framework/Versions/A/AE

0x7fff3ab94000 - 0x7fff3ae6cff7 com.apple.CoreServices.CarbonCore (1178.16 - 1178.16) <17FC2B9E-EB6C-3768-A2D0-6E086F2563D9> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/CarbonCore.framework/Versions/A/CarbonCore

0x7fff3ae6d000 - 0x7fff3aeb7ff7 com.apple.DictionaryServices (1.2 - 284.16.3) <1DAC9153-FB5A-3798-8797-CBFEFF227F71> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/DictionaryServices.framework/Versions/A/DictionaryServices

0x7fff3aeb8000 - 0x7fff3aec0ffb com.apple.CoreServices.FSEvents (1239.200.12 - 1239.200.12) <8E1507EA-F0A8-3845-B32D-4FBC1381E89C> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/FSEvents.framework/Versions/A/FSEvents

0x7fff3aec1000 - 0x7fff3b08cff7 com.apple.LaunchServices (941 - 941) <98B7E20E-5D0A-3A71-A019-346A145A1A5E> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/LaunchServices.framework/Versions/A/LaunchServices

0x7fff3b08d000 - 0x7fff3b12ffff com.apple.Metadata (10.7.0 - 1191.53) <E4C1B7AB-677B-32B2-918C-CD445A0D0D91> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/Metadata.framework/Versions/A/Metadata

0x7fff3b130000 - 0x7fff3b17bff7 com.apple.CoreServices.OSServices (941 - 941) <DFA21754-BFE4-367C-9303-739F5D3E9DDE> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/OSServices.framework/Versions/A/OSServices

0x7fff3b17c000 - 0x7fff3b1eaff7 com.apple.SearchKit (1.4.0 - 1.4.0) <CEC29BB5-D28E-3424-84FE-70756E521F3B> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/Versions/A/SearchKit

0x7fff3b1eb000 - 0x7fff3b20ffff com.apple.coreservices.SharedFileList (71.27 - 71.27) <6389B59D-DDAC-3C97-A982-137B9B1FB734> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SharedFileList.framework/Versions/A/SharedFileList

0x7fff3b210000 - 0x7fff3b273fff com.apple.CoreSpotlight (1.0 - 231.47) <4BE884BD-CA78-3363-9095-51C1347D0D3B> /System/Library/Frameworks/CoreSpotlight.framework/Versions/A/CoreSpotlight

0x7fff3b47e000 - 0x7fff3b556fff com.apple.CoreTelephony (113 - 6610.1) <A6166B48-A128-3A48-96A2-1CDE8599AC95> /System/Library/Frameworks/CoreTelephony.framework/Versions/A/CoreTelephony

0x7fff3b557000 - 0x7fff3b6bcffb com.apple.CoreText (352.0 - 584.26) <5F61037C-825D-37A4-9091-0047413CC213> /System/Library/Frameworks/CoreText.framework/Versions/A/CoreText

0x7fff3b6bd000 - 0x7fff3b6fafff com.apple.CoreVideo (1.8 - 0.0) <34EC73F1-F0ED-32F5-B96E-7683B1F9A7A2> /System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo

0x7fff3b6fb000 - 0x7fff3b791ffb com.apple.framework.CoreWLAN (13.0 - 1370.8) <32426190-3455-3049-8C09-0EC04D9C1279> /System/Library/Frameworks/CoreWLAN.framework/Versions/A/CoreWLAN

0x7fff3b921000 - 0x7fff3b92cff7 com.apple.DirectoryService.Framework (10.14 - 207.200.4) <14C33C2D-0D4E-3A86-ABD3-CA6893B7145E> /System/Library/Frameworks/DirectoryService.framework/Versions/A/DirectoryService

0x7fff3b92d000 - 0x7fff3b9e7ff7 com.apple.DiscRecording (9.0.3 - 9030.4.5) <D3B4878A-60DF-3B9E-BF29-D02B5CDA7738> /System/Library/Frameworks/DiscRecording.framework/Versions/A/DiscRecording

0x7fff3ba0e000 - 0x7fff3ba13fff com.apple.DiskArbitration (2.7 - 2.7)
<97707A79-30E7-3D99-AA20-B992B0900BC4> /System/Library/Frameworks/
DiskArbitration.framework/Versions/A/DiskArbitration
0x7fff3bbdc000 - 0x7fff3bfaaff com.apple.Foundation (6.9 - 1561) <27FD022F-
F0E3-3053-BADA-DF9BF856CA85> /System/Library/Frameworks/Foundation.framework/
Versions/C/Foundation
0x7fff3c01b000 - 0x7fff3c04bff3 com.apple.GSS (4.0 - 2.0)
<86D07291-5DFC-30C2-9A18-5FCEDB0BE621> /System/Library/Frameworks/
GSS.framework/Versions/A/GSS
0x7fff3c165000 - 0x7fff3c26fff3 com.apple.Bluetooth (6.0.9 - 6.0.9f2)
<CD9FA230-8BBB-307C-8FFF-86B1B7078D05> /System/Library/Frameworks/
IOBluetooth.framework/Versions/A/IOBluetooth
0x7fff3c2d1000 - 0x7fff3c363ff7 com.apple.framework.IOKit (2.0.2 - 1483.230.1)
<AAAF13D1-80E5-3079-98C1-FA3C3FC47B40> /System/Library/Frameworks/
IOKit.framework/Versions/A/IOKit
0x7fff3c365000 - 0x7fff3c36fff7 com.apple.IOSurface (255.1 - 255.1)
<58826B1A-38E8-3C76-8FFC-76C9282DA893> /System/Library/Frameworks/
IOSurface.framework/Versions/A/IOSurface
0x7fff3c370000 - 0x7fff3c3c5ff3 com.apple.ImageCaptureCore (1.0 - 1530.1)
<37ACF858-C897-390C-BF3B-A66E47618E41> /System/Library/Frameworks/
ImageCaptureCore.framework/Versions/A/ImageCaptureCore
0x7fff3c3c6000 - 0x7fff3c567ff7 com.apple.ImageIO.framework (3.3.0 - 1822.1)
<1451559D-4224-3F53-A976-16CF186DDE80> /System/Library/Frameworks/
ImageIO.framework/Versions/A/ImageIO
0x7fff3c568000 - 0x7fff3c56cffb libGIF.dylib (1822.1) <9084A1A9-0AB3-314E-
B76F-6642EAFD367A> /System/Library/Frameworks/ImageIO.framework/Versions/A/
Resources/libGIF.dylib
0x7fff3c56d000 - 0x7fff3c652ff7 libJP2.dylib (1822.1) <8138A169-983C-3ACF-
B05C-81317D8A3792> /System/Library/Frameworks/ImageIO.framework/Versions/A/
Resources/libJP2.dylib
0x7fff3c653000 - 0x7fff3c678ffb libJPEG.dylib (1822.1) <54E1BA95-
B7C7-3078-921D-909B8EB33A84> /System/Library/Frameworks/ImageIO.framework/
Versions/A/Resources/libJPEG.dylib
0x7fff3c94c000 - 0x7fff3c972ff3 libPng.dylib (1822.1) <5AFB0813-562F-3DB9-A4AD-
A6FCABA63A2D> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/
libPng.dylib
0x7fff3c973000 - 0x7fff3c975ff7 libRadiance.dylib (1822.1) <8CAA370A-
A46C-3EA1-8338-F42AD183C19C> /System/Library/Frameworks/ImageIO.framework/
Versions/A/Resources/libRadiance.dylib
0x7fff3c976000 - 0x7fff3c9c3ffb libTIFF.dylib (1822.1)
<4748924B-8F25-30A9-95BF-0A106E908B36> /System/Library/Frameworks/
ImageIO.framework/Versions/A/Resources/libTIFF.dylib
0x7fff3c9de000 - 0x7fff3ccc2ff3 com.apple.Intents (1.0 - 1) <99B00F20-
FC70-3FFD-984F-641EABEDAED6> /System/Library/Frameworks/Intents.framework/Versions/
A/Intents
0x7fff3ccc5000 - 0x7fff3da55fff com.apple.JavaScriptCore (14606 - 14606.3.4)
<1ED1116C-80DA-3C92-92A3-8F166773751B> /System/Library/Frameworks/
JavaScriptCore.framework/Versions/A/JavaScriptCore
0x7fff3da6d000 - 0x7fff3da86fff com.apple.Kerberos (3.0 - 1) <5D1B0593-3C0E-32D5-
AAE5-ABC22A98B639> /System/Library/Frameworks/Kerberos.framework/Versions/A/
Kerberos
0x7fff3da87000 - 0x7fff3dabcffb com.apple.LDAPFramework (2.4.28 - 194.5)
<50FCA7E8-3A67-39B2-B504-6CB32FA8611F> /System/Library/Frameworks/
LDAP.framework/Versions/A/LDAP

0x7fff3db0c000 - 0x7fff3db2aff3 com.apple.CoreAuthentication.SharedUtils (1.0 - 425.230.2) <FC792E7F-0D30-39FE-86BC-8AC990D3FD45> /System/Library/Frameworks/LocalAuthentication.framework/Support/SharedUtils.framework/Versions/A/SharedUtils

0x7fff3db2b000 - 0x7fff3db41fff com.apple.LocalAuthentication (1.0 - 425.230.2) <CD7EF5CD-768F-3925-BBE1-40C4AE39241B> /System/Library/Frameworks/LocalAuthentication.framework/Versions/A/LocalAuthentication

0x7fff3db42000 - 0x7fff3dd42ff7 com.apple.MapKit (1.0 - 1832.22.10.1.5) <6E713D3B-9A89-3396-BA65-A9EE76EF92B8> /System/Library/Frameworks/MapKit.framework/Versions/A/MapKit

0x7fff3dd44000 - 0x7fff3dd4efff com.apple.MediaAccessibility (1.0 - 114.4) <C0584BAA-27BC-30F4-8B0C-5043559995AA> /System/Library/Frameworks/MediaAccessibility.framework/Versions/A/MediaAccessibility

0x7fff3dd4f000 - 0x7fff3dd63fff com.apple.MediaLibrary (1.5.0 - 762) <F0C31076-8874-386D-A1FF-11F591596D94> /System/Library/Frameworks/MediaLibrary.framework/Versions/A/MediaLibrary

0x7fff3de08000 - 0x7fff3e4a6fff com.apple.MediaToolbox (1.0 - 2284.9) <AD1C6882-F6FC-3114-9517-CCF9402A30B1> /System/Library/Frameworks/MediaToolbox.framework/Versions/A/MediaToolbox

0x7fff3e4a8000 - 0x7fff3e53bfff com.apple.Metal (158.5 - 158.5) <219312CC-0DE5-3E8D-9F62-393D0C35B0FD> /System/Library/Frameworks/Metal.framework/Versions/A/Metal

0x7fff3e53d000 - 0x7fff3e557ff3 com.apple.MetalKit (1.0 - 113) <E885A008-79EC-33BF-BB03-5586DA6569DA> /System/Library/Frameworks/MetalKit.framework/Versions/A/MetalKit

0x7fff3e558000 - 0x7fff3e578ff7 com.apple.MetalPerformanceShaders.MPSCore (1.0 - 1) <18281B14-0C6A-38F8-AB80-2D4BB0743C88> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSCore.framework/Versions/A/MPSCore

0x7fff3e579000 - 0x7fff3e5f7ff7 com.apple.MetalPerformanceShaders.MPSImage (1.0 - 1) <BEAF764B-362B-3C45-86F5-2AFBA5FA0F47> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSImage.framework/Versions/A/MPSImage

0x7fff3e5f8000 - 0x7fff3e620fff com.apple.MetalPerformanceShaders.MPSMatrix (1.0 - 1) <116D6C1A-2FD7-3743-95A0-CDDA3D459529> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSMatrix.framework/Versions/A/MPSMatrix

0x7fff3e621000 - 0x7fff3e753ff7 com.apple.MetalPerformanceShaders.MPSNeuralNetwork (1.0 - 1) <88E80BEE-3D2B-328B-80D4-F4717BDB2E9F> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSNeuralNetwork.framework/Versions/A/MPSNeuralNetwork

0x7fff3e754000 - 0x7fff3e76fff7 com.apple.MetalPerformanceShaders.MPSRayIntersector (1.0 - 1) <E0E652B0-1624-3435-AD60-83A9C4B59852> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSRayIntersector.framework/Versions/A/MPSRayIntersector

0x7fff3e770000 - 0x7fff3e770ff7 com.apple.MetalPerformanceShaders.MetalPerformanceShaders (1.0 - 1) <1BBA8BC8-49C6-3C9B-B985-7CE4373E3553> /System/Library/Frameworks/MetalPerformanceShaders.framework/Versions/A/MetalPerformanceShaders

0x7fff3f96d000 - 0x7fff3f979ffb com.apple.NetFS (6.0 - 4.0) <918DF6CD-2DB0-36A8-B869-5EF637A06C0D> /System/Library/Frameworks/NetFS.framework/Versions/A/NetFS

0x7fff3f97a000 - 0x7fff3fab9ff7 com.apple.Network (1.0 - 1) <2D115B5C-2570-37C3-919D-DE80230BC4FA> /System/Library/Frameworks/Network.framework/Versions/A/Network

0x7fff42439000 - 0x7fff42491fff com.apple.opengl (2.15.1 - 2.15.1)
<E628D178-3846-373A-9482-CF680BD1E240> /System/Library/Frameworks/
OpenCL.framework/Versions/A/OpenCL
0x7fff42492000 - 0x7fff424aef7 com.apple.CFOpenDirectory (10.14 - 207.200.4)
<2CB1F122-2FA0-347C-8454-9CE0FA150832> /System/Library/Frameworks/
OpenDirectory.framework/Versions/A/Frameworks/CFOpenDirectory.framework/Versions/A/
CFOpenDirectory
0x7fff424af000 - 0x7fff424bbffb com.apple.OpenDirectory (10.14 - 207.200.4)
<A3FB0F0C-57F4-3F89-A4B1-63DA1F7C9E8E> /System/Library/Frameworks/
OpenDirectory.framework/Versions/A/OpenDirectory
0x7fff42e1e000 - 0x7fff42e20fff libCVMSPPluginSupport.dylib (17.3.1) <4D6061EC-
CFCD-3C0E-90E4-51644DC5F76A> /System/Library/Frameworks/OpenGL.framework/
Versions/A/Libraries/libCVMSPPluginSupport.dylib
0x7fff42e21000 - 0x7fff42e26ff3 libCoreFSCache.dylib (163.20) <566DB80E-F1D6-3AEC-
AF06-08955507AFEE> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/
libCoreFSCache.dylib
0x7fff42e27000 - 0x7fff42e2bfff libCoreVMClient.dylib (163.20) <B9A89373-
BDCD-3003-9A82-6D73B930A122> /System/Library/Frameworks/OpenGL.framework/
Versions/A/Libraries/libCoreVMClient.dylib
0x7fff42e2c000 - 0x7fff42e34ffb libGFXShared.dylib (17.3.1) <902F535E-E411-3C3B-
B980-0A7DB40EA5B7> /System/Library/Frameworks/OpenGL.framework/Versions/A/
Libraries/libGFXShared.dylib
0x7fff42e35000 - 0x7fff42e40fff libGL.dylib (17.3.1) <87F8CCDB-2D7D-3B01-
AA6F-6C7A4B1CA11E> /System/Library/Frameworks/OpenGL.framework/Versions/A/
Libraries/libGL.dylib
0x7fff42e41000 - 0x7fff42e7bfef libGLImage.dylib (17.3.1) <B5464F1A-
B936-3BEE-97CF-3806AD1A9E68> /System/Library/Frameworks/OpenGL.framework/
Versions/A/Libraries/libGLImage.dylib
0x7fff42fef000 - 0x7fff4302cfff libGLU.dylib (17.3.1) <C46D4335-4CE2-3FFB-930D-
E48D7A3B5B4F> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/
libGLU.dylib
0x7fff439dc000 - 0x7fff439ebff3 com.apple.opengl (17.3.1 - 17.3.1)
<78BDC7C4-87AD-33CA-BFAC-A9CC5F605B5D> /System/Library/Frameworks/
OpenGL.framework/Versions/A/OpenGL
0x7fff43d6d000 - 0x7fff43eb7fff com.apple.QTKit (7.7.3 - 3034)
<AC7659AF-7C10-3B3A-9F8B-DCDB0CA4A7A3> /System/Library/Frameworks/
QTKit.framework/Versions/A/QTKit
0x7fff43eb8000 - 0x7fff44113fff com.apple.imageKit (3.0 - 1067) <11CB6270-
C823-37F7-AC3B-6D968234C1B2> /System/Library/Frameworks/Quartz.framework/Versions/
A/Frameworks/ImageKit.framework/Versions/A/ImageKit
0x7fff44114000 - 0x7fff44200fff com.apple.PDFKit (1.0 - 737.3)
<04B606F5-0895-38FC-9AD1-50F55FEBF091> /System/Library/Frameworks/
Quartz.framework/Versions/A/Frameworks/PDFKit.framework/Versions/A/PDFKit
0x7fff44201000 - 0x7fff44717ff7 com.apple.QuartzComposer (5.1 - 370) <308E8021-
B380-3C4C-96CF-FDAE19DABCD1> /System/Library/Frameworks/Quartz.framework/
Versions/A/Frameworks/QuartzComposer.framework/Versions/A/QuartzComposer
0x7fff44718000 - 0x7fff4473eff3 com.apple.quartzfilters (1.10.0 - 83) <0DE04622-
B09F-3BB4-885A-DD3335641F28> /System/Library/Frameworks/Quartz.framework/Versions/
A/Frameworks/QuartzFilters.framework/Versions/A/QuartzFilters
0x7fff4473f000 - 0x7fff44845ff7 com.apple.QuickLookUIFramework (5.0 - 775.3)
<2495B91A-484A-3EF7-9554-38B168D856C8> /System/Library/Frameworks/
Quartz.framework/Versions/A/Frameworks/QuickLookUI.framework/Versions/A/QuickLookUI

0x7fff44846000 - 0x7fff44846fff com.apple.quartzframework (1.5 - 23)
<E30BB2B1-985E-3DD4-B123-9C749820B896> /System/Library/Frameworks/
Quartz.framework/Versions/A/Quartz
0x7fff44847000 - 0x7fff44aa0fff com.apple.QuartzCore (1.11 - 695.4)
<6692906D-9EF7-3EA0-96D3-3766567AE7F2> /System/Library/Frameworks/
QuartzCore.framework/Versions/A/QuartzCore
0x7fff44aa1000 - 0x7fff44afaff7 com.apple.QuickLookFramework (5.0 - 775.3)
<9A3F3BE7-49B1-3F53-BFC0-42F41EE363B9> /System/Library/Frameworks/
QuickLook.framework/Versions/A/QuickLook
0x7fff44cc1000 - 0x7fff44cd9ffb com.apple.SafariServices.framework (14606 - 14606.3.4)
<FFEBDEBE-4310-3A43-8B57-BD6552D841C1> /System/Library/Frameworks/
SafariServices.framework/Versions/A/SafariServices
0x7fff452f4000 - 0x7fff4561cfff com.apple.security (7.0 - 58286.230.21)
<5ADE179E-87D5-3B90-9172-D183D4665037> /System/Library/Frameworks/
Security.framework/Versions/A/Security
0x7fff4561d000 - 0x7fff456acfff com.apple.securityfoundation (6.0 - 55185.200.14)
<A57F481C-73B9-33C4-9093-9A06DBBFED5> /System/Library/Frameworks/
SecurityFoundation.framework/Versions/A/SecurityFoundation
0x7fff456ad000 - 0x7fff456ddffb com.apple.securityinterface (10.0 - 55109.200.8)
<0BB040DA-B3AF-37B1-AC17-C9639BE00094> /System/Library/Frameworks/
SecurityInterface.framework/Versions/A/SecurityInterface
0x7fff456de000 - 0x7fff456e2ff3 com.apple.xpc.ServiceManagement (1.0 - 1)
<16FA4DAF-A0BE-34C0-B5F1-5C30BE3DCD2D> /System/Library/Frameworks/
ServiceManagement.framework/Versions/A/ServiceManagement
0x7fff456e3000 - 0x7fff4572cff3 com.apple.social.Social (???) <59ED301E-
AAC6-37AA-9A35-1AC195816C39> /System/Library/Frameworks/Social.framework/Versions/
A/Social
0x7fff45a9f000 - 0x7fff45b0fff3 com.apple.SystemConfiguration (1.17 - 1.17)
<A8FD596E-C858-397F-836C-978038B97AC0> /System/Library/Frameworks/
SystemConfiguration.framework/Versions/A/SystemConfiguration
0x7fff45cc2000 - 0x7fff45cf6ffb com.apple.UserNotifications (1.0 - ???)
<12C54789-3052-364D-BC85-6A6208CCAF01> /System/Library/Frameworks/
UserNotifications.framework/Versions/A/UserNotifications
0x7fff45d70000 - 0x7fff460d2fff com.apple.VideoToolbox (1.0 - 2284.9)
<695514F0-08C8-3065-B9A2-DA3B43E6682F> /System/Library/Frameworks/
VideoToolbox.framework/Versions/A/VideoToolbox
0x7fff463df000 - 0x7fff4696dfe7 libwebrtc.dylib (7606.3.4)
<2B6BCB12-2AAB-33FE-9A9F-623E45198277> /System/Library/Frameworks/
WebKit.framework/Versions/A/Frameworks/WebCore.framework/Versions/A/Frameworks/
libwebrtc.dylib
0x7fff4696e000 - 0x7fff481f1fff com.apple.WebCore (14606 - 14606.3.4)
<5850DB6F-8918-3276-BE73-FE7F3C63E2F9> /System/Library/Frameworks/
WebKit.framework/Versions/A/Frameworks/WebCore.framework/Versions/A/WebCore
0x7fff481f2000 - 0x7fff483e1ffb com.apple.WebKitLegacy (14606 - 14606.3.4)
<1E02B848-D322-3CDF-B872-1C0CBD88DF70> /System/Library/Frameworks/
WebKit.framework/Versions/A/Frameworks/WebKitLegacy.framework/Versions/A/
WebKitLegacy
0x7fff483e2000 - 0x7fff488e1ff3 com.apple.WebKit (14606 - 14606.3.4)
<86C207C2-21F2-3E8B-997C-70B7B252231E> /System/Library/Frameworks/
WebKit.framework/Versions/A/WebKit
0x7fff48d7a000 - 0x7fff48e1fff7 com.apple.APFS (1.0 - 1)
<5CA4B73F-3F5D-3289-9145-520FFDFD6813> /System/Library/PrivateFrameworks/
APFS.framework/Versions/A/APFS

0x7fff493b7000 - 0x7fff493c1fff com.apple.accessibility.AXCoreUtilities (1.0 - 1)
<FB0245F9-5CB0-35E1-B96C-9E43B61BCB12> /System/Library/PrivateFrameworks/
AXCoreUtilities.framework/Versions/A/AXCoreUtilities

0x7fff4959e000 - 0x7fff49641ffb com.apple.accounts.AccountsDaemon (113 - 113)
<6A79E207-98BF-376B-A79D-07151FC63C1F> /System/Library/PrivateFrameworks/
AccountsDaemon.framework/Versions/A/AccountsDaemon

0x7fff49642000 - 0x7fff49673ff7 com.apple.framework.accountsui (1.0 - 63.1.0.4)
<30B2D922-9344-3FFD-8A61-660BC307B126> /System/Library/PrivateFrameworks/
AccountsUI.framework/Versions/A/AccountsUI

0x7fff496f1000 - 0x7fff4984dff3 com.apple.AddressBook.core (1.0 - 1)
<1A4C4333-099D-3E2F-AD6B-FD31BE6B1904> /System/Library/PrivateFrameworks/
AddressBookCore.framework/Versions/A/AddressBookCore

0x7fff49869000 - 0x7fff4986aff3 com.apple.AggregateDictionary (1.0 - 1)
<EBA6443E-6CF0-34F6-B77A-3FCEC57F8F80> /System/Library/PrivateFrameworks/
AggregateDictionary.framework/Versions/A/AggregateDictionary

0x7fff49c17000 - 0x7fff49d60ff3 com.apple.AnnotationKit (1.0 - 232.3.27)
<E653A08F-5AEA-3314-9971-3FAEFC74812D> /System/Library/PrivateFrameworks/
AnnotationKit.framework/Versions/A/AnnotationKit

0x7fff49d61000 - 0x7fff49d7dff7 com.apple.AppContainer (4.0 - 360.220.2) <852D4D20-
EAB7-3489-82EB-646B87EF6A35> /System/Library/PrivateFrameworks/
AppContainer.framework/Versions/A/AppContainer

0x7fff49d7e000 - 0x7fff49d8bff7 com.apple.AppSandbox (4.0 - 360.220.2) <E76CABB9-
CA21-32F3-B607-1A2B84576088> /System/Library/PrivateFrameworks/
AppSandbox.framework/Versions/A/AppSandbox

0x7fff49dd9000 - 0x7fff49e44ff3 com.apple.AppSupport (1.0.0 - 29)
<00405672-0B9D-3A64-AD4C-655775017B8B> /System/Library/PrivateFrameworks/
AppSupport.framework/Versions/A/AppSupport

0x7fff49e45000 - 0x7fff49e66fff com.apple.AppSupportUI (1.0 - ???)
<94BA868C-13F8-32C2-B747-C346104B7904> /System/Library/PrivateFrameworks/
AppSupportUI.framework/Versions/A/AppSupportUI

0x7fff49e67000 - 0x7fff49e93ff7 com.apple.framework.Apple80211 (13.0 - 1376.2)
<A71EADCB-7582-3D1B-9122-356F03E11594> /System/Library/PrivateFrameworks/
Apple80211.framework/Versions/A/Apple80211

0x7fff49e94000 - 0x7fff4a16dff3 com.apple.AppleAccount (1.0 - 1.0)
<2C4D7E2C-2D53-3FFD-AE38-88C6C822E32F> /System/Library/PrivateFrameworks/
AppleAccount.framework/Versions/A/AppleAccount

0x7fff4a16f000 - 0x7fff4a17efcf com.apple.AppleFSCompression (96.200.3 - 1.0)
<78D538DD-1D24-34FC-AFB3-10411494870D> /System/Library/PrivateFrameworks/
AppleFSCompression.framework/Versions/A/AppleFSCompression

0x7fff4a27c000 - 0x7fff4a287fff com.apple.AppleIDAuthSupport (1.0 - 1)
<E41452B2-3AFB-3493-BB82-0CE6D04DF424> /System/Library/PrivateFrameworks/
AppleIDAuthSupport.framework/Versions/A/AppleIDAuthSupport

0x7fff4a288000 - 0x7fff4a2c7ff3 com.apple.AppleIDSSOAuthentication (1.0 - 1)
<A8236D40-784A-3671-8D1D-6BD3ADA7A5DC> /System/Library/PrivateFrameworks/
AppleIDSSOAuthentication.framework/Versions/A/AppleIDSSOAuthentication

0x7fff4a2c8000 - 0x7fff4a311ff3 com.apple.AppleJPEG (1.0 - 1) <EC4C49F1-
C060-3C0F-910F-3620985D4F12> /System/Library/PrivateFrameworks/
AppleJPEG.framework/Versions/A/AppleJPEG

0x7fff4a312000 - 0x7fff4a322ff3 com.apple.AppleLDAP (10.14 - 46.200.2)
<08628E1D-0F03-356F-85C3-B0BA3F5EE8AC> /System/Library/PrivateFrameworks/
AppleLDAP.framework/Versions/A/AppleLDAP

0x7fff4a323000 - 0x7fff4a53dff7 com.apple.AppleMediaServices (1.0 - 1) <2D993216-
D5D2-30D8-8AAE-8F9ABF2BB4EA> /System/Library/PrivateFrameworks/
AppleMediaServices.framework/Versions/A/AppleMediaServices

0x7fff4a53e000 - 0x7fff4a55effb com.apple.aps.framework (4.0 - 4.0)
<5BA14EE2-0E89-372D-96BE-F42D8C94267C> /System/Library/PrivateFrameworks/
ApplePushService.framework/Versions/A/ApplePushService
0x7fff4a55f000 - 0x7fff4a563ff7 com.apple.AppleSRP (5.0 - 1) <B16080FC-44D7-3E35-
A151-A0DCE1764277> /System/Library/PrivateFrameworks/AppleSRP.framework/Versions/A/
AppleSRP
0x7fff4a564000 - 0x7fff4a58cff7 com.apple.applesauce (1.0 - ???)
<58654BC0-9243-39D1-BC43-B7F2E37A3A44> /System/Library/PrivateFrameworks/
AppleSauce.framework/Versions/A/AppleSauce
0x7fff4a653000 - 0x7fff4a656ff7 com.apple.AppleSystemInfo (3.1.5 - 3.1.5)
<C6C7880A-5E69-3ADF-8D88-8DFA87FD6701> /System/Library/PrivateFrameworks/
AppleSystemInfo.framework/Versions/A/AppleSystemInfo
0x7fff4a657000 - 0x7fff4a6a7fff com.apple.AppleVAFramework (5.0.44 - 5.0.44)
<0338350C-F366-3C0D-B7C1-6E8FFAB92E98> /System/Library/PrivateFrameworks/
AppleVA.framework/Versions/A/AppleVA
0x7fff4a6f2000 - 0x7fff4a708ffb com.apple.AssertionServices (1.0 - 1) <3F767D20-
FE14-35CF-A089-E0445375ECFB> /System/Library/PrivateFrameworks/
AssertionServices.framework/Versions/A/AssertionServices
0x7fff4aa44000 - 0x7fff4ace7ff7 com.apple.AuthKit (1.0 - 1) <4FF8DA76-2250-39B9-
B6A9-0E584C8B988F> /System/Library/PrivateFrameworks/AuthKit.framework/Versions/A/
AuthKit
0x7fff4ace8000 - 0x7fff4ad54ff7 com.apple.AuthKitUI (1.0 - 1) <D1B79EB1-C87A-3451-
A249-34B2B4CEB363> /System/Library/PrivateFrameworks/AuthKitUI.framework/Versions/A/
AuthKitUI
0x7fff4aeb8000 - 0x7fff4aec1ff3 com.apple.coreservices.BackgroundTaskManagement
(1.0 - 57.1) <05CF66F0-9650-3F75-9857-F8D186043866> /System/Library/
PrivateFrameworks/BackgroundTaskManagement.framework/Versions/A/
BackgroundTaskManagement
0x7fff4aec2000 - 0x7fff4af64fff com.apple.backup.framework (1.10.2 - ???)
<7C865F13-12F9-3E38-A4A3-31516EA869B2> /System/Library/PrivateFrameworks/
Backup.framework/Versions/A/Backup
0x7fff4af65000 - 0x7fff4afd6ffb com.apple.BaseBoard (360.24 - 360.24) <04AF4372-
C5D3-3F0A-A688-68D888D6D138> /System/Library/PrivateFrameworks/
BaseBoard.framework/Versions/A/BaseBoard
0x7fff4afdf000 - 0x7fff4afe5ff3 com.apple.BezelServicesFW (317 - 317)
<331A9918-8D47-33C3-BA21-D88ECA9B9FA3> /System/Library/PrivateFrameworks/
BezelServices.framework/Versions/A/BezelServices
0x7fff4b060000 - 0x7fff4b09cffb com.apple.bom (14.0 - 197) <6C1B9A69-C04A-3506-
BD00-C116199AE635> /System/Library/PrivateFrameworks/Bom.framework/Versions/A/Bom
0x7fff4b76a000 - 0x7fff4b798fff com.apple.CalendarAgentLink (8.0 - 250)
<F4DFEE68-4243-3330-A650-794C208006A9> /System/Library/PrivateFrameworks/
CalendarAgentLink.framework/Versions/A/CalendarAgentLink
0x7fff4be7b000 - 0x7fff4bec8fff com.apple.ChunkingLibrary (194 - 194) <8FEA3C6E-
D9D0-3F12-9ACA-77E58B26019F> /System/Library/PrivateFrameworks/
ChunkingLibrary.framework/Versions/A/ChunkingLibrary
0x7fff4bf70000 - 0x7fff4bfffffb com.apple.CloudDocs (1.0 - 575.204)
<201CA1B0-7588-337B-9329-AE89B04913E4> /System/Library/PrivateFrameworks/
CloudDocs.framework/Versions/A/CloudDocs
0x7fff4cb8a000 - 0x7fff4cb93fff com.apple.CommonAuth (4.0 - 2.0) <090893E5-
BB65-39DA-A174-EAB2C7191EFE> /System/Library/PrivateFrameworks/
CommonAuth.framework/Versions/A/CommonAuth
0x7fff4cba7000 - 0x7fff4cbbdfffb com.apple.commonutilities (8.0 - 900)
<17C61424-5518-3C7A-84E6-B26D2FA3573A> /System/Library/PrivateFrameworks/
CommonUtilities.framework/Versions/A/CommonUtilities

0x7fff4cbb000 - 0x7fff4cbc2ff3 com.apple.communicationsfilter (10.0 - 1000)
<DC58D6D0-8E0C-37BD-B342-4232BCAB5BB2> /System/Library/PrivateFrameworks/
CommunicationsFilter.framework/Versions/A/CommunicationsFilter
0x7fff4ce53000 - 0x7fff4ce6bfff com.apple.contacts.donation (1.0 - 1)
<7084E3F8-3381-33E1-8BA5-B22C1BD9EB57> /System/Library/PrivateFrameworks/
ContactsDonation.framework/Versions/A/ContactsDonation
0x7fff4ce71000 - 0x7fff4cedbfff com.apple.AddressBook.ContactsFoundation (8.0 - ???)
<9FE9B96C-C422-3E52-B2CF-B53409096BA0> /System/Library/PrivateFrameworks/
ContactsFoundation.framework/Versions/A/ContactsFoundation
0x7fff4cedc000 - 0x7fff4cf00ffb com.apple.contacts.ContactsPersistence (1.0 - ???)
<E9B42022-FEB0-397C-A626-F4E966193A04> /System/Library/PrivateFrameworks/
ContactsPersistence.framework/Versions/A/ContactsPersistence
0x7fff4cf01000 - 0x7fff4cf59ff7 com.apple.Contacts.ContactsUICore (1.0 - 999.9.9)
<08805D05-79DA-375A-BDE6-74B78CADE2D9> /System/Library/PrivateFrameworks/
ContactsUICore.framework/Versions/A/ContactsUICore
0x7fff4d051000 - 0x7fff4d428fef com.apple.CoreAUC (273.0.0 - 273.0.0)
<FE2B4D86-2C83-3FE2-A427-54DA2170E980> /System/Library/PrivateFrameworks/
CoreAUC.framework/Versions/A/CoreAUC
0x7fff4d429000 - 0x7fff4d45afff com.apple.CoreAVCHD (6.0.0 - 6000.4.1)
<B15A24E4-2A92-3FD7-8F20-C372E4115FA7> /System/Library/PrivateFrameworks/
CoreAVCHD.framework/Versions/A/CoreAVCHD
0x7fff4d478000 - 0x7fff4d49afff com.apple.CoreAnalytics.CoreAnalytics (1.0 - 1)
<FC27393D-269F-3D0C-885E-A3782FA14861> /System/Library/PrivateFrameworks/
CoreAnalytics.framework/Versions/A/CoreAnalytics
0x7fff4d4f2000 - 0x7fff4d544ffb com.apple.corebrightness (1.0 - 1)
<9D3B952F-088D-3A13-879C-6070588DB336> /System/Library/PrivateFrameworks/
CoreBrightness.framework/Versions/A/CoreBrightness
0x7fff4d614000 - 0x7fff4d687ff7 com.apple.coredav (1.0.1 - 347)
<9E2B338A-32E1-322D-9BD4-095AD52BDBBA> /System/Library/PrivateFrameworks/
CoreDAV.framework/Versions/A/CoreDAV
0x7fff4d688000 - 0x7fff4d691fff com.apple.frameworks.CoreDaemon (1.3 - 1.3)
<7440BF22-4197-33A4-9213-9F9CEC4526EC> /System/Library/PrivateFrameworks/
CoreDaemon.framework/Versions/B/CoreDaemon
0x7fff4d692000 - 0x7fff4d867fff com.apple.CoreDuet (1.0 - 1)
<5198E7E4-5AEC-3B02-93F5-BACC3B2102E8> /System/Library/PrivateFrameworks/
CoreDuet.framework/Versions/A/CoreDuet
0x7fff4d868000 - 0x7fff4d88aff7 com.apple.coreduetcontext (1.0 - 1)
<7CC131DB-6F47-3C6D-9D57-5533BFB81670> /System/Library/PrivateFrameworks/
CoreDuetContext.framework/Versions/A/CoreDuetContext
0x7fff4d88b000 - 0x7fff4d89bfff com.apple.CoreDuetDaemonProtocol (1.0 - 1)
<AA2F97F7-E206-3D2F-8C42-C29FD192836B> /System/Library/PrivateFrameworks/
CoreDuetDaemonProtocol.framework/Versions/A/CoreDuetDaemonProtocol
0x7fff4d89e000 - 0x7fff4d8a0fff com.apple.CoreDuetDebugLogging (1.0 - 1)
<08F192C6-2A0A-352A-B105-2339DDE8A2C7> /System/Library/PrivateFrameworks/
CoreDuetDebugLogging.framework/Versions/A/CoreDuetDebugLogging
0x7fff4d8a3000 - 0x7fff4d8b7fff com.apple.CoreEmoji (1.0 - 69.19.8)
<26BC0F82-08C1-3EBD-9299-D3CC5091C467> /System/Library/PrivateFrameworks/
CoreEmoji.framework/Versions/A/CoreEmoji
0x7fff4da7d000 - 0x7fff4db71ff7 com.apple.CoreHandwriting (161 - 1.2) <5454430E-
F94B-3BBD-BCF2-6AFD00D526E0> /System/Library/PrivateFrameworks/
CoreHandwriting.framework/Versions/A/CoreHandwriting
0x7fff4dd34000 - 0x7fff4dd4affb com.apple.CoreMediaAuthoring (2.2 - 958)
<485EEE74-7F68-3132-97E1-1098E5BBA2C2> /System/Library/PrivateFrameworks/
CoreMediaAuthoring.framework/Versions/A/CoreMediaAuthoring

0x7fff4de8d000 - 0x7fff4deffff7 com.apple.CoreNLP (1.0 - 130.15.22) <D0A3E880-CDEA-360A-9838-220D76BAECC6> /System/Library/PrivateFrameworks/CoreNLP.framework/Versions/A/CoreNLP

0x7fff4e082000 - 0x7fff4e086ff7 com.apple.CoreOptimization (1.0 - 1) <016D419D-1F5C-321B-94CA-415D98AE8578> /System/Library/PrivateFrameworks/CoreOptimization.framework/Versions/A/CoreOptimization

0x7fff4e087000 - 0x7fff4e114ff7 com.apple.CorePDF (4.0 - 414) <70F8B93B-78D5-326C-98B2-DAF2572E0F53> /System/Library/PrivateFrameworks/CorePDF.framework/Versions/A/CorePDF

0x7fff4e1c8000 - 0x7fff4e1d0ffb com.apple.CorePhoneNumbers (1.0 - 1) <2D9AF545-ED3C-3EC1-887F-86922652EC57> /System/Library/PrivateFrameworks/CorePhoneNumbers.framework/Versions/A/CorePhoneNumbers

0x7fff4e1d1000 - 0x7fff4e22dff7 com.apple.CorePrediction (1.0 - 1) <388C67B4-8EA9-3F8D-ABAD-A23C5BB3FBEB> /System/Library/PrivateFrameworks/CorePrediction.framework/Versions/A/CorePrediction

0x7fff4e255000 - 0x7fff4e25fff3 com.apple.corerecents (1.0 - 1) <9A82CBA0-9B70-3086-A943-8ED9F95181CF> /System/Library/PrivateFrameworks/CoreRecents.framework/Versions/A/CoreRecents

0x7fff4e35f000 - 0x7fff4e390fff com.apple.CoreServicesInternal (357 - 357) <789E57F4-5A14-3220-93DF-1D4FEE315431> /System/Library/PrivateFrameworks/CoreServicesInternal.framework/Versions/A/CoreServicesInternal

0x7fff4e765000 - 0x7fff4e7f3ff7 com.apple.CoreSymbolication (10.1 - 64460.6) <133D09A5-39F7-301D-B019-B6685B80A2CB> /System/Library/PrivateFrameworks/CoreSymbolication.framework/Versions/A/CoreSymbolication

0x7fff4e883000 - 0x7fff4e9affff com.apple.coreui (2.1 - 498.46) <5EFE2CDC-897C-3A6B-A60B-4E0FB1D1ECA9> /System/Library/PrivateFrameworks/CoreUI.framework/Versions/A/CoreUI

0x7fff4e9b0000 - 0x7fff4eb35fff com.apple.CoreUtils (5.7.4 - 574.17) <DEF9C8A6-DDF1-37F4-A7F0-7DFAA95E8451> /System/Library/PrivateFrameworks/CoreUtils.framework/Versions/A/CoreUtils

0x7fff4eb8c000 - 0x7fff4ebeffff com.apple.framework.CoreWiFi (13.0 - 1370.8) <818F8915-BA51-3145-9C40-C9B8D7BE2DBD> /System/Library/PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi

0x7fff4ebf0000 - 0x7fff4ec01ffb com.apple.CrashReporterSupport (10.13 - 938.23) <D8D105F5-B6FB-3E91-A116-7CD92171E5C5> /System/Library/PrivateFrameworks/CrashReporterSupport.framework/Versions/A/CrashReporterSupport

0x7fff4ec84000 - 0x7fff4ec93ff3 com.apple.framework.DFRFoundation (1.0 - 211) <B72944ED-E4E8-3479-B832-8D50C4E30386> /System/Library/PrivateFrameworks/DFRFoundation.framework/Versions/A/DFRFoundation

0x7fff4ec94000 - 0x7fff4ec98ff7 com.apple.DSEExternalDisplay (3.1 - 380) <76449D22-BA27-3FB1-AD25-A290936E6DEA> /System/Library/PrivateFrameworks/DSEExternalDisplay.framework/Versions/A/DSEExternalDisplay

0x7fff4ecdc000 - 0x7fff4ed1aff7 com.apple.datadetectors (5.0 - 390.2) <6509EEC9-4A86-3898-B80D-7F8BFA92EF72> /System/Library/PrivateFrameworks/DataDetectors.framework/Versions/A/DataDetectors

0x7fff4ed1b000 - 0x7fff4ed92ffb com.apple.datadetectorscore (7.0 - 590.24) <3A49EC90-2081-3031-8CAE-3A6D5F7BFA1E> /System/Library/PrivateFrameworks/DataDetectorsCore.framework/Versions/A/DataDetectorsCore

0x7fff4ede0000 - 0x7fff4ee21fff com.apple.DebugSymbols (185 - 185) <64F5F9D6-401D-388B-82AD-A48B56413556> /System/Library/PrivateFrameworks/DebugSymbols.framework/Versions/A/DebugSymbols

0x7fff4ee22000 - 0x7fff4ef7bff7 com.apple.desktopservices (1.13.1 - ???) <AD61A660-0218-327E-8963-A1A170EC2C20> /System/Library/PrivateFrameworks/DesktopServicesPriv.framework/Versions/A/DesktopServicesPriv

0x7fff4f016000 - 0x7fff4f017ff7 com.apple.diagnosticlogcollection (10.0 - 1000)
<090A0158-D272-31B7-8C92-CDD668AEF789> /System/Library/PrivateFrameworks/
DiagnosticLogCollection.framework/Versions/A/DiagnosticLogCollection
0x7fff4f0ad000 - 0x7fff4f17fff7 com.apple.DiskImagesFramework (480.230.2 - 480.230.2)
<829D174B-D19D-3302-8C66-0FAD8DF43A6F> /System/Library/PrivateFrameworks/
DiskImages.framework/Versions/A/DiskImages
0x7fff4f180000 - 0x7fff4f244fff com.apple.DiskManagement (12.0 - 1530)
<C4614030-06E0-31BE-9083-C90786880D1F> /System/Library/PrivateFrameworks/
DiskManagement.framework/Versions/A/DiskManagement
0x7fff4f245000 - 0x7fff4f249ff7 com.apple.DisplayServicesFW (3.1 - 380) <D62A344B-
DC4B-3C5D-A16F-7057B36F2767> /System/Library/PrivateFrameworks/
DisplayServices.framework/Versions/A/DisplayServices
0x7fff4f2ed000 - 0x7fff4f2f0fff com.apple.EFILogin (2.0 - 2) <0C9EC3A1-43A5-3F43-
AA6D-007A520929C3> /System/Library/PrivateFrameworks/EFILogin.framework/Versions/A/
EFILogin
0x7fff4fab6000 - 0x7fff4facdff3 com.apple.Engram (1.0 - 1) <1ED541DC-DC42-381B-
B46A-63EB35CC11A9> /System/Library/PrivateFrameworks/Engram.framework/Versions/A/
Engram
0x7fff4face000 - 0x7fff4fe01fff com.apple.vision.EspressoFramework (1.0 - 120)
<8BB244CA-4901-364B-B353-EEE075F2A0EA> /System/Library/PrivateFrameworks/
Espresso.framework/Versions/A/Espresso
0x7fff4fe97000 - 0x7fff4feb8ff3 com.apple.icloud.FMCore (1.0 - 1)
<5AFEE19C-2A35-38EA-AA67-6307A7D77141> /System/Library/PrivateFrameworks/
FMCore.framework/Versions/A/FMCore
0x7fff4feb9000 - 0x7fff4fecfff7 com.apple.icloud.FMCoreLite (1.0 - 1) <0D049CE2-
C6B9-3240-8AAC-8A555AD90F98> /System/Library/PrivateFrameworks/
FMCoreLite.framework/Versions/A/FMCoreLite
0x7fff4fed0000 - 0x7fff4fed5fff com.apple.icloud.FMCoreUI (1.0 - 1)
<B07989C7-3631-3C1B-A3FE-51B6F127484C> /System/Library/PrivateFrameworks/
FMCoreUI.framework/Versions/A/FMCoreUI
0x7fff4fed6000 - 0x7fff4ff07ff7 com.apple.icloud.FMF (1.0 - 1) <5EEF0496-60D9-318B-
B1DA-9AD7CDEB26CB> /System/Library/PrivateFrameworks/FMF.framework/Versions/A/FMF
0x7fff4ff08000 - 0x7fff4ff1bff3 com.apple.icloud.FMFUI (1.0 - 1) <164EA3E5-
B885-3F3E-87B5-E9EC49D6EC1A> /System/Library/PrivateFrameworks/FMFUI.framework/
Versions/A/FMFUI
0x7fff4ffbd000 - 0x7fff503e5fff com.apple.vision.FaceCore (3.3.4 - 3.3.4)
<41218EB7-19C9-3813-A793-B0623387CADF> /System/Library/PrivateFrameworks/
FaceCore.framework/Versions/A/FaceCore
0x7fff50418000 - 0x7fff504a4ff7 com.apple.FileProvider (125.130 - 125.130)
<BD65CD8C-8385-3FAF-B06D-069EFC379EDD> /System/Library/PrivateFrameworks/
FileProvider.framework/Versions/A/FileProvider
0x7fff504bd000 - 0x7fff5093dff7 com.apple.FinderKit (1.7.2 - ???)
<71C403D0-8A82-37C3-AB57-9B840E962852> /System/Library/PrivateFrameworks/
FinderKit.framework/Versions/A/FinderKit
0x7fff53d07000 - 0x7fff53d08fff libmetal_timestamp.dylib (902.2.2)
<55E0B1F2-94F0-3A77-9DB3-152F44848DA5> /System/Library/PrivateFrameworks/
GPUCompiler.framework/Versions/3902/Libraries/libmetal_timestamp.dylib
0x7fff553b2000 - 0x7fff553b7ff7 com.apple.GPUWrangler (3.28.4 - 3.28.4)
<14D6FE7D-38D7-3F6C-9BCE-A228D6697A08> /System/Library/PrivateFrameworks/
GPUWrangler.framework/Versions/A/GPUWrangler
0x7fff55767000 - 0x7fff5578cff7 com.apple.GenerationalStorage (2.0 - 285.101)
<549328C8-3D7D-3DE6-A9D0-CB8CEC4EB81F> /System/Library/PrivateFrameworks/
GenerationalStorage.framework/Versions/A/GenerationalStorage

0x7fff557a5000 - 0x7fff561deff7 com.apple.GeoServices (1.0 - 1364.22.10.1.3)
<9EC5665F-F3F8-38F2-A37F-59FF11EFE674> /System/Library/PrivateFrameworks/
GeoServices.framework/Versions/A/GeoServices
0x7fff56221000 - 0x7fff56230fff com.apple.GraphVisualizer (1.0 - 5)
<CAFE626E-9738-3C14-88AA-B6A9182F2C39> /System/Library/PrivateFrameworks/
GraphVisualizer.framework/Versions/A/GraphVisualizer
0x7fff56231000 - 0x7fff5623efff com.apple.GraphicsServices (1.0 - 1.0)
<4FD9D40F-658B-3076-B8F4-9CC0AAB4B4B7> /System/Library/PrivateFrameworks/
GraphicsServices.framework/Versions/A/GraphicsServices
0x7fff56381000 - 0x7fff563f6fff com.apple.Heimdal (4.0 - 2.0)
<D99FF31F-6310-3D80-8AE3-64934385AC11> /System/Library/PrivateFrameworks/
Heimdal.framework/Versions/A/Heimdal
0x7fff563f7000 - 0x7fff56426fff com.apple.HelpData (2.3 - 184.2)
<A891FC5D-14FE-3B2A-AA32-B395D89FE671> /System/Library/PrivateFrameworks/
HelpData.framework/Versions/A/HelpData
0x7fff56e98000 - 0x7fff56ecef3f com.apple.IASUtilities (1.0 - 505)
<133DD3C5-99D4-3C58-90ED-BFD8AF3EB3F8> /System/Library/PrivateFrameworks/
IASUtilities.framework/Versions/A/IASUtilities
0x7fff56ecf000 - 0x7fff56fdeff3 com.apple.ids (10.0 - 1000) <0D170708-
AED5-32DE-9AD3-2B47DC19042F> /System/Library/PrivateFrameworks/IDS.framework/
Versions/A/IDS
0x7fff56fdf000 - 0x7fff570e6fff com.apple.idsfoundation (10.0 - 1000)
<6280CCA4-7523-318E-9C7C-A41AD112CBB1> /System/Library/PrivateFrameworks/
IDSFoundation.framework/Versions/A/IDSFoundation
0x7fff576a2000 - 0x7fff57707ff3 com.apple.imfoundation (10.0 - 1000)
<FACAB42B-8E3C-3056-ACE5-EF026119F3B5> /System/Library/PrivateFrameworks/
IMFoundation.framework/Versions/A/IMFoundation
0x7fff577e6000 - 0x7fff577edffb com.apple.IOAccelerator (404.2.2 - 404.2.2)
<7421825E-13D4-3C74-932D-34E8A605C281> /System/Library/PrivateFrameworks/
IOAccelerator.framework/Versions/A/IOAccelerator
0x7fff577f0000 - 0x7fff577f0fff com.apple.IOPPlatformPluginFamily (1.0 - 1) <3A699A2B-
EA4D-3344-9C64-FA5C29A9ABA4> /System/Library/PrivateFrameworks/
IOPlatformPluginFamily.framework/Versions/A/IOPlatformPluginFamily
0x7fff577f1000 - 0x7fff5780afff com.apple.IOPresentment (1.0 - 42.6)
<87D19032-52DB-34A5-A554-23B3464EFC82> /System/Library/PrivateFrameworks/
IOPresentment.framework/Versions/A/IOPresentment
0x7fff57c1f000 - 0x7fff57c4eff7 com.apple.IconServices (379 - 379)
<694E17A6-471B-3C57-92D6-ECC4295FB859> /System/Library/PrivateFrameworks/
IconServices.framework/Versions/A/IconServices
0x7fff57c5b000 - 0x7fff57c60ff3 com.apple.incomingcallfilter (10.0 - 1000)
<A4EA5723-8EF9-3B2A-B9F0-597C9FEC32A4> /System/Library/PrivateFrameworks/
IncomingCallFilter.framework/Versions/A/IncomingCallFilter
0x7fff57d70000 - 0x7fff57d77fff com.apple.IntentsFoundation (1.0 - 1)
<D8F312AA-505A-323F-BC19-EA089ECED870> /System/Library/PrivateFrameworks/
IntentsFoundation.framework/Versions/A/IntentsFoundation
0x7fff57d7a000 - 0x7fff57d7efff com.apple.InternationalSupport (1.0 - 10.15.6)
<D319CB1C-5339-30EB-93EA-3CFB328BEC9A> /System/Library/PrivateFrameworks/
InternationalSupport.framework/Versions/A/InternationalSupport
0x7fff57deb000 - 0x7fff57df8fff com.apple.IntlPreferences (2.0 - 227.15.8) <94B5C14D-
E635-3722-9BD3-E17ECDD72DB1> /System/Library/PrivateFrameworks/
IntlPreferences.framework/Versions/A/IntlPreferences
0x7fff57e92000 - 0x7fff57e9fff7 com.apple.KerberosHelper (4.0 - 1.0)
<0FDDDC9E-9904-3076-AF8A-07976FA5D21F> /System/Library/PrivateFrameworks/
KerberosHelper.framework/Versions/A/KerberosHelper

0x7fff57eee000 - 0x7fff57f01fff com.apple.security.KeychainCircle.KeychainCircle (1.0 - 1) <02ECB210-513F-3BDE-8150-A828E901FA02> /System/Library/PrivateFrameworks/KeychainCircle.framework/Versions/A/KeychainCircle

0x7fff57f1c000 - 0x7fff58013fff com.apple.LanguageModeling (1.0 - 159.15.15) <34609F31-4DA1-3881-8947-85BEA7AFC938> /System/Library/PrivateFrameworks/LanguageModeling.framework/Versions/A/LanguageModeling

0x7fff58014000 - 0x7fff58055ff7 com.apple.Lexicon-framework (1.0 - 33.15.10) <07E008F3-E823-333B-8B41-A46024AB0561> /System/Library/PrivateFrameworks/Lexicon.framework/Versions/A/Lexicon

0x7fff5805c000 - 0x7fff58062ff7 com.apple.LinguisticData (1.0 - 238.23.4) <37948616-56E6-3758-BEFE-28586FF99E12> /System/Library/PrivateFrameworks/LinguisticData.framework/Versions/A/LinguisticData

0x7fff5815b000 - 0x7fff58160ffb com.apple.LoginUICore (4.0 - 4.0) <031DE6CA-A413-38D7-8FAB-92DED2823A50> /System/Library/PrivateFrameworks/LoginUIKit.framework/Versions/A/Frameworks/LoginUICore.framework/Versions/A/LoginUICore

0x7fff581c9000 - 0x7fff581e3fff com.apple.LookupFramework (1.2 - 251) <1DCE0F92-5535-32F1-B384-ABA67FA545D3> /System/Library/PrivateFrameworks/Lookup.framework/Versions/A/Lookup

0x7fff588c1000 - 0x7fff588c4fff com.apple.Mangrove (1.0 - 25) <8DF73279-BCEB-38CE-AE83-571C1B3FF45B> /System/Library/PrivateFrameworks/Mangrove.framework/Versions/A/Mangrove

0x7fff5894f000 - 0x7fff58951ff3 com.apple.marco (10.0 - 1000) <5782A7BC-9A2D-3530-A537-CDB7CDE26CD9> /System/Library/PrivateFrameworks/Marco.framework/Versions/A/Marco

0x7fff58952000 - 0x7fff58979ffb com.apple.MarkupUI (1.0 - 232.3.27) <5D7DBEC5-BC74-3D4D-B035-41AAF8190B7F> /System/Library/PrivateFrameworks/MarkupUI.framework/Versions/A/MarkupUI

0x7fff589e2000 - 0x7fff58a15ff3 com.apple.MediaKit (16 - 906) <AA899ADE-7163-3F27-9996-14FFA6506BFD> /System/Library/PrivateFrameworks/MediaKit.framework/Versions/A/MediaKit

0x7fff58dbf000 - 0x7fff58de7ffb com.apple.spotlight.metadata.utilities (1.0 - 1191.53) <09C6DCF6-F87D-3D03-8BD5-FD1DCF90949F> /System/Library/PrivateFrameworks/MetadataUtilities.framework/Versions/A/MetadataUtilities

0x7fff58de8000 - 0x7fff58e7aff com.apple.gpusw.MetalTools (1.0 - 1) <B77258A5-909F-37F7-8F1A-2085F7916DD4> /System/Library/PrivateFrameworks/MetalTools.framework/Versions/A/MetalTools

0x7fff58e8f000 - 0x7fff58ea8fff com.apple.MobileAssets (1.0 - 437.230.2) <73BF5743-F050-3393-AECE-298ADF3960F4> /System/Library/PrivateFrameworks/MobileAsset.framework/Versions/A/MobileAsset

0x7fff59025000 - 0x7fff59040ff3 com.apple.MobileKeyBag (2.0 - 1.0) <26347762-AF60-3412-A951-33BF85244D84> /System/Library/PrivateFrameworks/MobileKeyBag.framework/Versions/A/MobileKeyBag

0x7fff59051000 - 0x7fff590cdf7 com.apple.Montreal (1.0 - 42.15.8) <2A0EA5B7-4D5E-3048-90CB-686D146A2385> /System/Library/PrivateFrameworks/Montreal.framework/Versions/A/Montreal

0x7fff590ce000 - 0x7fff590f8ff7 com.apple.MultitouchSupport.framework (2410.5 - 2410.5) <3A712911-F672-3BB3-B62B-A2A7BADF3578> /System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport

0x7fff591f4000 - 0x7fff592ebff7 com.apple.Navigation (1.0 - 1) <B0CEB9A4-0B58-3F6C-BF86-D3F8A28B43D2> /System/Library/PrivateFrameworks/Navigation.framework/Versions/A/Navigation

0x7fff5936b000 - 0x7fff59375fff com.apple.NetAuth (6.2 - 6.2) <E191D736-A442-31BA-B823-EE75DC316D22> /System/Library/PrivateFrameworks/NetAuth.framework/Versions/A/NetAuth

0x7fff59afb000 - 0x7fff59afdf3 com.apple.OAuth (25 - 25) <01923343-8B74-3BEB-8685-317B7D7E61A3> /System/Library/PrivateFrameworks/OAuth.framework/Versions/A/OAuth

0x7fff59c42000 - 0x7fff59c98fff com.apple.OTSVG (1.0 - ???) <F020144A-D840-390D-A87F-29E8095C78AF> /System/Library/PrivateFrameworks/OTSVG.framework/Versions/A/OTSVG

0x7fff5acfb000 - 0x7fff5ae02ff7 com.apple.PencilKit (1.0 - 1) <EA31C4A8-5F3C-3FF4-B48F-DB6882B2273E> /System/Library/PrivateFrameworks/PencilKit.framework/Versions/A/PencilKit

0x7fff5ae03000 - 0x7fff5ae12ff3 com.apple.PerformanceAnalysis (1.217 - 217) <AA34989F-7E01-303E-8134-5BB37CE82DDF> /System/Library/PrivateFrameworks/PerformanceAnalysis.framework/Versions/A/PerformanceAnalysis

0x7fff5ae40000 - 0x7fff5ae50ff3 com.apple.PersonaKit (1.0 - 1) <47262BCA-BE47-3A57-A114-89F099DA25BD> /System/Library/PrivateFrameworks/PersonaKit.framework/Versions/A/PersonaKit

0x7fff5ae51000 - 0x7fff5ae5fff3 com.apple.PersonaUI (1.0 - 1) <E7212A8B-6EA7-39C4-8E04-B532D458EC3C> /System/Library/PrivateFrameworks/PersonaUI.framework/Versions/A/PersonaUI

0x7fff5b06d000 - 0x7fff5b06dff3 com.apple.PhoneNumbers (1.0 - 1) <23149929-F14F-3495-82AD-F82B97327AFC> /System/Library/PrivateFrameworks/PhoneNumbers.framework/Versions/A/PhoneNumbers

0x7fff5c92a000 - 0x7fff5c94fff7 com.apple.pluginframework (1.0 - 1) <0E2C2FDB-8BB4-3728-9937-C0239A37A02C> /System/Library/PrivateFrameworks/PlugInKit.framework/Versions/A/PlugInKit

0x7fff5c97a000 - 0x7fff5c98cff3 com.apple.PowerLog (1.0 - 1) <28F76681-B39D-3A23-814C-CFD33636A5F6> /System/Library/PrivateFrameworks/PowerLog.framework/Versions/A/PowerLog

0x7fff5cd79000 - 0x7fff5cdd0ff3 com.apple.ProtectedCloudStorage (1.0 - 1) <509FC423-3CA1-35C5-8DDC-0DC0DE87760F> /System/Library/PrivateFrameworks/ProtectedCloudStorage.framework/Versions/A/ProtectedCloudStorage

0x7fff5cdd1000 - 0x7fff5cdefff7 com.apple.ProtocolBuffer (1 - 263.1) <D70A1E3D-D2F7-3765-861C-173F5BBC848B> /System/Library/PrivateFrameworks/ProtocolBuffer.framework/Versions/A/ProtocolBuffer

0x7fff5cf83000 - 0x7fff5cf86ff3 com.apple.QuickLookNonBaseSystem (1.0 - 1) <F76FCC02-E537-3CAF-ABD2-0B342BFA6BF8> /System/Library/PrivateFrameworks/QuickLookNonBaseSystem.framework/Versions/A/QuickLookNonBaseSystem

0x7fff5cf87000 - 0x7fff5cf9dff3 com.apple.QuickLookThumbnails (1.0 - 1) <D81BC846-29B5-34FE-8154-1D18EC79B39D> /System/Library/PrivateFrameworks/QuickLookThumbnails.framework/Versions/A/QuickLookThumbnails

0x7fff5cf9e000 - 0x7fff5cff6f0f com.apple.ROCKit (24 - 24) <FA6B086A-1841-3A5E-800B-CE7A52C3DAF1> /System/Library/PrivateFrameworks/ROCKit.framework/Versions/A/ROCKit

0x7fff5d040000 - 0x7fff5d07bffb com.apple.Rapport (1.6.4 - 164.16) <ECB48E5A-2417-379D-9A99-A8587C76F68A> /System/Library/PrivateFrameworks/Rapport.framework/Versions/A/Rapport

0x7fff5d0f7000 - 0x7fff5d103ff3 com.apple.xpc.RemoteServiceDiscovery (1.0 - 1336.220.5) <096B06A9-2C3F-3515-8241-5292B0658984> /System/Library/PrivateFrameworks/RemoteServiceDiscovery.framework/Versions/A/RemoteServiceDiscovery

0x7fff5d116000 - 0x7fff5d139ffb com.apple.RemoteViewServices (2.0 - 128) <55D89BC9-0613-3910-B63E-9A146D35D91A> /System/Library/PrivateFrameworks/RemoteViewServices.framework/Versions/A/RemoteViewServices

0x7fff5d13a000 - 0x7fff5d14efff com.apple.xpc.RemoteXPC (1.0 - 1336.220.5)
<208540F3-3FEC-32EE-B010-B73CE4A3609A> /System/Library/PrivateFrameworks/
RemoteXPC.framework/Versions/A/RemoteXPC
0x7fff5dfa8000 - 0x7fff5dff2ff7 com.apple.Safari.SafeBrowsing (14606 - 14606.3.4)
<B7FA4855-D832-36C2-ADB7-3660C298557F> /System/Library/PrivateFrameworks/
SafariSafeBrowsing.framework/Versions/A/SafariSafeBrowsing
0x7fff5e946000 - 0x7fff5e949ff7 com.apple.SecCodeWrapper (4.0 - 360.220.2)
<2C30C3E4-267C-3CB2-8558-252F908F4A53> /System/Library/PrivateFrameworks/
SecCodeWrapper.framework/Versions/A/SecCodeWrapper
0x7fff5ea27000 - 0x7fff5eaa0fff com.apple.ShareKit (577.0.1 - 577.0.1)
<017023E7-5B14-34CB-BBE4-1C29BAC5F9A4> /System/Library/PrivateFrameworks/
ShareKit.framework/Versions/A/ShareKit
0x7fff5eaae000 - 0x7fff5ebccfff com.apple.Sharing (1214.18 - 1214.18)
<E6302F6F-2940-3DDB-ADA7-EE123DD6D027> /System/Library/PrivateFrameworks/
Sharing.framework/Versions/A/Sharing
0x7fff5ebcd000 - 0x7fff5ebecff3 com.apple.shortcut (2.16 - 101) <542B2E16-
F7C3-3714-8AB5-5C0992E7A4A8> /System/Library/PrivateFrameworks/Shortcut.framework/
Versions/A/Shortcut
0x7fff5ebed000 - 0x7fff5ebffff7 com.apple.sidecar-core (1.0 - 38.1)
<7039F10F-23E4-352B-B537-5B8839B49861> /System/Library/PrivateFrameworks/
SidecarCore.framework/Versions/A/SidecarCore
0x7fff5ec00000 - 0x7fff5ec10ffb com.apple.sidecar-ui (1.0 - 38.1) <1D62F5BF-
E4CB-30B5-86B7-4D3F9AB1FCEB> /System/Library/PrivateFrameworks/
SidecarUI.framework/Versions/A/SidecarUI
0x7fff5f986000 - 0x7fff5fc38ff3 com.apple.SkyLight (1.600.0 - 337.5)
<52BC8AB1-3518-3E4C-B1B1-0A8A8067574F> /System/Library/PrivateFrameworks/
SkyLight.framework/Versions/A/SkyLight
0x7fff60409000 - 0x7fff60416fff com.apple.SpeechRecognitionCore (5.0.21 - 5.0.21)
<FABB97BC-9555-33FE-B6C5-606CC403CE16> /System/Library/PrivateFrameworks/
SpeechRecognitionCore.framework/Versions/A/SpeechRecognitionCore
0x7fff604d2000 - 0x7fff6073bfff com.apple.spotlight.index (10.7.0 - 1191.53)
<4929ED21-7207-3D6A-BC8B-14ECA9023FC7> /System/Library/PrivateFrameworks/
SpotlightIndex.framework/Versions/A/SpotlightIndex
0x7fff607dd000 - 0x7fff607e4ffb com.apple.StatsKit (1.0 - 1)
<80E0E935-4696-3ADA-9FA1-0C432F6B0473> /System/Library/PrivateFrameworks/
StatsKit.framework/Versions/A/StatsKit
0x7fff608b1000 - 0x7fff60ac6ff7 StoreServices (1445.0.8) <63C6B21C-9A97-38AF-
BD41-3B00D9926169> /System/Library/PrivateFrameworks/StoreServices.framework/
Versions/A/StoreServices
0x7fff60afb000 - 0x7fff60b3aff3 com.apple.StreamingZip (1.0 - 1) <251128E7-
C343-3799-A31B-8B10CEC69F19> /System/Library/PrivateFrameworks/
StreamingZip.framework/Versions/A/StreamingZip
0x7fff60b3b000 - 0x7fff60bacffb com.apple.Suggestions (6.0 - 226)
<6984A353-6131-33CE-8FAB-4F6AD819845E> /System/Library/PrivateFrameworks/
Suggestions.framework/Versions/A/Suggestions
0x7fff61277000 - 0x7fff61304ff7 com.apple.Symbolication (10.1 - 64460.8)
<7DDC5C90-947F-34FF-864D-5ED3C2B746A9> /System/Library/PrivateFrameworks/
Symbolication.framework/Versions/A/Symbolication
0x7fff61305000 - 0x7fff6130effb com.apple.SymptomDiagnosticReporter (1.0 -
820.237.2) <CB0F608B-99A3-35DC-8D7D-6D3D3078D034> /System/Library/
PrivateFrameworks/SymptomDiagnosticReporter.framework/Versions/A/
SymptomDiagnosticReporter

0x7fff61555000 - 0x7fff6155ffff com.apple.SynchedDefaults (2.0 - 281.201)
<9CD4AD44-1280-3C1F-A808-056C571962E4> /System/Library/PrivateFrameworks/
SynchedDefaults.framework/Versions/A/SynchedDefaults
0x7fff61560000 - 0x7fff6158cfff com.apple.framework.SystemAdministration (1.0 - 1.0)
<8DFE4C30-E4EC-378A-813C-B7600C38889E> /System/Library/PrivateFrameworks/
SystemAdministration.framework/Versions/A/SystemAdministration
0x7fff6180d000 - 0x7fff6181affb com.apple.TCC (1.0 - 1) <81F88B91-49C1-36E7-8A39-
C4BD654EE942> /System/Library/PrivateFrameworks/TCC.framework/Versions/A/TCC
0x7fff61829000 - 0x7fff618e9fff com.apple.TelephonyUtilities (1.0 - 1.0)
<4B9E6050-13E3-3121-9B60-913B87B72ABB> /System/Library/PrivateFrameworks/
TelephonyUtilities.framework/Versions/A/TelephonyUtilities
0x7fff61a8d000 - 0x7fff61b54ff7 com.apple.TextureIO (3.8.4 - 3.8.1) <83CDF659-
E5B3-381F-BDA1-FF0BFA17B5EE> /System/Library/PrivateFrameworks/TextureIO.framework/
Versions/A/TextureIO
0x7fff61bb2000 - 0x7fff61bcdfff com.apple.ToneKit (1.0 - 1)
<650551BF-1E2D-39B1-9412-886B9194FA68> /System/Library/PrivateFrameworks/
ToneKit.framework/Versions/A/ToneKit
0x7fff61bce000 - 0x7fff61bf6ffb com.apple.ToneLibrary (1.0 - 1) <D4F26E76-
D04A-3D04-817D-0C8B5E68D5C5> /System/Library/PrivateFrameworks/
ToneLibrary.framework/Versions/A/ToneLibrary
0x7fff61c0e000 - 0x7fff61c0ffff com.apple.TrustEvaluationAgent (2.0 - 31.200.1)
<5C3E1B2D-40A8-3237-A8D9-4E7B15EEA678> /System/Library/PrivateFrameworks/
TrustEvaluationAgent.framework/Versions/A/TrustEvaluationAgent
0x7fff61c15000 - 0x7fff61dcffff com.apple.UIFoundation (1.0 - 551)
<65A80450-7A24-3366-B521-4D02C4DB5094> /System/Library/PrivateFrameworks/
UIFoundation.framework/Versions/A/UIFoundation
0x7fff61e1e000 - 0x7fff61e24ff7 com.apple.URLFormatting (59 - 59.34.1) <D081D1FC-
ABD0-3C03-A284-869406AF776C> /System/Library/PrivateFrameworks/
URLFormatting.framework/Versions/A/URLFormatting
0x7fff61eaf000 - 0x7fff61f17fff com.apple.UserActivity (213 - 213) <07C205E7-
A580-3664-93D3-A59E81CDC260> /System/Library/PrivateFrameworks/
UserActivity.framework/Versions/A/UserActivity
0x7fff61fe8000 - 0x7fff626d9ff7 com.apple.VectorKit (1.0 - 1360.22.10.1.3) <9535D625-
E59C-3BBC-8B7D-F690F7F906CC> /System/Library/PrivateFrameworks/VectorKit.framework/
Versions/A/VectorKit
0x7fff62abe000 - 0x7fff62ba7ff7 com.apple.ViewBridge (401.1 - 401.1)
<E76BC854-5B08-3FFF-AA2C-9679754FCAF0> /System/Library/PrivateFrameworks/
ViewBridge.framework/Versions/A/ViewBridge
0x7fff63032000 - 0x7fff6329effb libAWDSupportFramework.dylib (1001) <DFACA8A7-
A623-38C1-BCCC-7E5B0997E69C> /System/Library/PrivateFrameworks/
WirelessDiagnostics.framework/Versions/A/Libraries/libAWDSupportFramework.dylib
0x7fff6329f000 - 0x7fff632b0ff7 libprotobuf-lite.dylib (1001) <A1ACE244-
A066-3892-9842-857D4DB595B3> /System/Library/PrivateFrameworks/
WirelessDiagnostics.framework/Versions/A/Libraries/libprotobuf-lite.dylib
0x7fff632b1000 - 0x7fff63313ff7 libprotobuf.dylib (1001) <712ED2E1-
EE09-3483-9B1A-699458603151> /System/Library/PrivateFrameworks/
WirelessDiagnostics.framework/Versions/A/Libraries/libprotobuf.dylib
0x7fff63314000 - 0x7fff6335afff com.apple.awd (1.0 - 930.11) <AB11D548-2A6D-3FEC-
B9D0-B9473FB9F817> /System/Library/PrivateFrameworks/WirelessDiagnostics.framework/
Versions/A/WirelessDiagnostics
0x7fff633cd000 - 0x7fff633d0fff com.apple.dt.XCTTargetBootstrap (1.0 - 1)
<5F779D77-4AB1-3CCD-9AAF-101EC7E4905B> /System/Library/PrivateFrameworks/
XCTTargetBootstrap.framework/Versions/A/XCTTargetBootstrap

0x7fff63801000 - 0x7fff63803ff3 com.apple.loginsupport (1.0 - 1)
<67BC49D6-320F-33ED-912E-16E5A342F385> /System/Library/PrivateFrameworks/
login.framework/Versions/A/Frameworks/loginsupport.framework/Versions/A/loginsupport
0x7fff63804000 - 0x7fff63819fff com.apple.login (3.0 - 3.0) <D6486C5A-E644-3F43-
AD27-5E14685CD8D6> /System/Library/PrivateFrameworks/login.framework/Versions/A/login
0x7fff63850000 - 0x7fff63882ffb com.apple.contacts.vCard (1.0 - ???)
<E616D166-8B7D-3C5E-89AA-7E6957B804DD> /System/Library/PrivateFrameworks/
vCard.framework/Versions/A/vCard
0x7fff63a29000 - 0x7fff63a3dff7 libAccessibility.dylib (2402.51.2)
<B537C87A-4965-3191-9323-CCFA800EEEBF> /usr/lib/libAccessibility.dylib
0x7fff63abe000 - 0x7fff63af6fff libCRFSuite.dylib (41.15.4) <92752A96-
D1CF-3CA1-837A-1E075AE4C642> /usr/lib/libCRFSuite.dylib
0x7fff63af9000 - 0x7fff63b04ff7 libChineseTokenizer.dylib (28.15.3)
<55572692-4918-3C54-AD35-726E03EC47D5> /usr/lib/libChineseTokenizer.dylib
0x7fff63b05000 - 0x7fff63b91ff7 libCoreStorage.dylib (546.50.1)
<F2BECC83-911F-31AB-A776-7DB8049F15B3> /usr/lib/libCoreStorage.dylib
0x7fff63b95000 - 0x7fff63b96ff7 libDiagnosticMessagesClient.dylib (107)
<15210AC0-61F9-3F9D-A159-A009F62EB537> /usr/lib/libDiagnosticMessagesClient.dylib
0x7fff63bcd000 - 0x7fff63d90ff7 libFosl_dynamic.dylib (18.3.2) <D67B74E9-
EB95-38BC-995C-5F4CC044C3F7> /usr/lib/libFosl_dynamic.dylib
0x7fff63db1000 - 0x7fff63db8fff libMatch.1.dylib (31.200.1) <5F633A34-4719-3E14-8384-
B43F5DF1F514> /usr/lib/libMatch.1.dylib
0x7fff63de6000 - 0x7fff63e05ff7 libMobileGestalt.dylib (645.220.9)
<C2C55511-993B-34D2-9040-902BFDA38141> /usr/lib/libMobileGestalt.dylib
0x7fff63e06000 - 0x7fff63e06fff libOpenScriptingUtil.dylib (179)
<441A2E60-5D5C-3567-9B00-AA22E6EE5358> /usr/lib/libOpenScriptingUtil.dylib
0x7fff63f47000 - 0x7fff63f48ffb libSystem.B.dylib (1252.200.5) <25F4A1F5-6551-312F-
B397-C8D45ACC530A> /usr/lib/libSystem.B.dylib
0x7fff63f49000 - 0x7fff63fd1ff7 libTelephonyUtilDynamic.dylib (3609)
<1B352746-04EB-3B7B-8278-CB6412620FDF> /usr/lib/libTelephonyUtilDynamic.dylib
0x7fff63fd2000 - 0x7fff63fd3fff libThaiTokenizer.dylib (2.15.1) <F09EB0BB-1E8A-3391-
BEF5-7D91F0715A62> /usr/lib/libThaiTokenizer.dylib
0x7fff63fe6000 - 0x7fff63ffcffb libapple_nghttp2.dylib (1.24.1) <71C126C5-
D869-3E67-9778-058FA7F3CA74> /usr/lib/libapple_nghttp2.dylib
0x7fff63ffd000 - 0x7fff64026ffb libarchive.2.dylib (54.200.3) <32B8634D-E465-3F6D-
B254-A20D44504508> /usr/lib/libarchive.2.dylib
0x7fff64027000 - 0x7fff64126ff7 libate.dylib (1.13.8) <6FF4C626-689E-3464-B2C5-
C01F3C084219> /usr/lib/libate.dylib
0x7fff6412a000 - 0x7fff6412aff3 libauto.dylib (187) <003DEF68-0C59-3AFB-A7B7-
A1B5ED301AF2> /usr/lib/libauto.dylib
0x7fff64201000 - 0x7fff64211ff3 libbsm.0.dylib (39.200.18) <58A9ACEC-
BF46-3A4E-86F5-3DD9AD7095B4> /usr/lib/libbsm.0.dylib
0x7fff64212000 - 0x7fff64220fff libbz2.1.0.dylib (38.200.3)
<4DEC3797-087F-3C8D-815B-48E895813251> /usr/lib/libbz2.1.0.dylib
0x7fff64221000 - 0x7fff64278ff7 libc++.1.dylib (400.9.4) <B260AC33-EB9A-30C6-8746-
D011B3B02B08> /usr/lib/libc++.1.dylib
0x7fff64279000 - 0x7fff6428efff libc++abi.dylib (400.17) <446F4748-8A89-3D2E-
AE1C-27EEBE93A8AB> /usr/lib/libc++abi.dylib
0x7fff6428f000 - 0x7fff6428fff3 libcharset.1.dylib (51.200.6) <43F7E100-F5D1-36AB-
A26E-CF94196A19C0> /usr/lib/libcharset.1.dylib
0x7fff64290000 - 0x7fff642a0ffb libcmph.dylib (6.15.1) <CEDA6538-C071-3B5A-948E-
DF61E2878983> /usr/lib/libcmph.dylib
0x7fff642a1000 - 0x7fff642b9fdb libcompression.dylib (52.200.13)
<6298529A-0120-3360-891C-84436972EA8D> /usr/lib/libcompression.dylib

0x7fff64564000 - 0x7fff6457afff libcoretls.dylib (155.220.1) <1229F9EA-C070-3D03-9DC6-F548C59F9FD5> /usr/lib/libcoretls.dylib
0x7fff6457b000 - 0x7fff6457cff3 libcoretls_cfhelpers.dylib (155.220.1) <33661841-3C3B-3608-86AC-C88D1CD6FE98> /usr/lib/libcoretls_cfhelpers.dylib
0x7fff64a46000 - 0x7fff64bdefff libcrypto.42.dylib (22.230.1) <ACF14ED1-BEF0-3285-AF1D-C5A124D1F4CF> /usr/lib/libcrypto.42.dylib
0x7fff64bdf000 - 0x7fff64beaff7 libcsfde.dylib (546.50.1) <2E741DA2-B368-3913-9F45-6F7B8B85B1CF> /usr/lib/libcsfde.dylib
0x7fff64bf3000 - 0x7fff64c4affb libcups.2.dylib (462.10) <29B6D106-A5F2-321D-8916-90F595545D88> /usr/lib/libcups.2.dylib
0x7fff64c74000 - 0x7fff64cc8ff3 libcurl.4.dylib (105.200.2) <B8F75D4F-E577-3ACE-8AFB-A30754D0D819> /usr/lib/libcurl.4.dylib
0x7fff64d82000 - 0x7fff64d82fff libenergytrace.dylib (17.200.1) <F5BA8134-16F9-31CD-90E1-D1EBEBADA4AE> /usr/lib/libenergytrace.dylib
0x7fff64db4000 - 0x7fff64db9ff7 libgermantok.dylib (17.15.2) <9381B152-5CFD-3D23-A5A7-4D64EE55B85E> /usr/lib/libgermantok.dylib
0x7fff64dba000 - 0x7fff64dbfff7 libheimdal-asn1.dylib (520.220.2) <D851A47D-E162-35F8-B8D4-6ABEA7FFDAD7> /usr/lib/libheimdal-asn1.dylib
0x7fff64deb000 - 0x7fff64edcff7 libiconv.2.dylib (51.200.6) <9FB95807-7C62-32B7-A19F-946D7FB7CCA6> /usr/lib/libiconv.2.dylib
0x7fff64edd000 - 0x7fff65140ffb libicucore.A.dylib (62109.0.1) <FEB89BD3-79C4-3208-A754-7E6BC4D38548> /usr/lib/libicucore.A.dylib
0x7fff6518d000 - 0x7fff6518efff liblangid.dylib (128.15.1) <663D0A24-7260-31D1-9BFE-74D67B6F72F6> /usr/lib/liblangid.dylib
0x7fff6518f000 - 0x7fff651a7fff liblzma.5.dylib (10.200.3) <9A52A949-0CB1-39B6-9244-D079FB609559> /usr/lib/liblzma.5.dylib
0x7fff651bf000 - 0x7fff6526ffff libmecab.1.0.0.dylib (779.24.1) <590BC39C-2A3E-368B-9499-C808B84C4955> /usr/lib/libmecab.1.0.0.dylib
0x7fff65270000 - 0x7fff654adfff libmecabra.dylib (779.24.1) <22BFD5A8-EA42-3DC3-8910-F27DCFB1B631> /usr/lib/libmecabra.dylib
0x7fff65685000 - 0x7fff659ddffb libnetwork.dylib (1229.230.4) <B76F8990-85CD-382D-BDF4-58C4AD4CE6C4> /usr/lib/libnetwork.dylib
0x7fff65a6e000 - 0x7fff661f7fd7 libobjc.A.dylib (750.1) <4D6C889C-60F4-3028-9B13-DD3DFE6A2A44> /usr/lib/libobjc.A.dylib
0x7fff661f8000 - 0x7fff661f9fff libodfde.dylib (24.50.1) <0998B78E-DCB8-33EA-A439-6E591D808F45> /usr/lib/libodfde.dylib
0x7fff6620a000 - 0x7fff6620effb libpam.2.dylib (22.200.1) <85253002-89F2-3872-9C8A-1801303A2EBB> /usr/lib/libpam.2.dylib
0x7fff66211000 - 0x7fff66247ff7 libpcap.A.dylib (79.200.4) <6D25197A-2F7C-3147-A45A-F6F13E55909F> /usr/lib/libpcap.A.dylib
0x7fff66361000 - 0x7fff66379ffb libresolv.9.dylib (65.200.2) <A1A77B4E-1AF0-3039-9945-D05440494E00> /usr/lib/libresolv.9.dylib
0x7fff6637b000 - 0x7fff663b7ff7 libsandbox.1.dylib (851.230.3) <F9A8198C-9FE6-3DE0-8D4C-FA09B4F348D3> /usr/lib/libsandbox.1.dylib
0x7fff663b8000 - 0x7fff663caff7 libsasl2.2.dylib (211) <4A339F6D-927B-31C2-AAC5-896094D7A0B7> /usr/lib/libsasl2.2.dylib
0x7fff663cb000 - 0x7fff663ccff7 libspindump.dylib (267.1) <9DEA015B-410E-3D6E-A3EE-54E046092EA9> /usr/lib/libspindump.dylib
0x7fff663cd000 - 0x7fff66599ff7 libsqlite3.dylib (274.20) <42C5E16B-AA3C-3C6A-BD35-6AD3EE525DB8> /usr/lib/libsqlite3.dylib
0x7fff6669c000 - 0x7fff666e9fff libssl.44.dylib (22.230.1) <AA29CF06-DE70-3991-977E-74BC0F4157F7> /usr/lib/libssl.44.dylib
0x7fff66720000 - 0x7fff667a2fff libtidy.A.dylib (16.1) <C64E8888-24A4-3909-BA0A-4FE065E36406> /usr/lib/libtidy.A.dylib

0x7fff66826000 - 0x7fff66829ffb libutil.dylib (51.200.4)
<10C5E165-0939-363A-9D13-7076F3B513EC> /usr/lib/libutil.dylib
0x7fff6682a000 - 0x7fff66837fff libxar.1.dylib (404) <16E875B3-
CF89-3059-87BB-36D301B32E7B> /usr/lib/libxar.1.dylib
0x7fff6683c000 - 0x7fff6691ffff libxml2.2.dylib (32.8) <3E7875AC-3195-3800-
AC48-8AA3B7BE51E4> /usr/lib/libxml2.2.dylib
0x7fff66920000 - 0x7fff66948ff3 libxslt.1.dylib (16.1) <D6EBFE8B-F88E-398F-
B1B5-66F413C2CD32> /usr/lib/libxslt.1.dylib
0x7fff66949000 - 0x7fff6695bfff libz.1.dylib (70.200.4) <15F7B40A-424C-33BB-
BF2C-7E8195128B78> /usr/lib/libz.1.dylib
0x7fff669cc000 - 0x7fff669d0ff3 libcache.dylib (81) <704331AC-
E43D-343A-8C24-39201142AF27> /usr/lib/system/libcache.dylib
0x7fff669d1000 - 0x7fff669dbff3 libcommonCrypto.dylib (60118.220.1) <9C865644-
EE9A-3662-AB77-7C8A5E561784> /usr/lib/system/libcommonCrypto.dylib
0x7fff669dc000 - 0x7fff669e3fff libcompiler_rt.dylib (63.4) <817772E3-E836-3FFD-A39B-
BDCD1C357221> /usr/lib/system/libcompiler_rt.dylib
0x7fff669e4000 - 0x7fff669edff3 libcopyfile.dylib (146.200.3) <5C5C4F35-
DAB7-3CF1-940F-F47192AB8289> /usr/lib/system/libcopyfile.dylib
0x7fff669ee000 - 0x7fff66a72fdf libcorecrypto.dylib (602.230.1) <C78D1A87-5543-3561-
BEB4-3B480BA94ECB> /usr/lib/system/libcorecrypto.dylib
0x7fff66af9000 - 0x7fff66b33ff7 libdispatch.dylib (1008.220.2)
<2FDB1401-5119-3DF0-91F5-F4E105F00CD7> /usr/lib/system/libdispatch.dylib
0x7fff66b34000 - 0x7fff66b63ff3 libdyld.dylib (640.2) <376E3F3A-6942-3B0E-
AD5E-4B97E8255CF5> /usr/lib/system/libdyld.dylib
0x7fff66b64000 - 0x7fff66b64ffb libkeymgr.dylib (30) <A4EFD9A4-2EF3-3E18-B325-
F527E3821939> /usr/lib/system/libkeymgr.dylib
0x7fff66b65000 - 0x7fff66b71ff7 libkxld.dylib (4903.231.4)
<7275D7AD-54CE-30BF-9459-18EA77E28ACC> /usr/lib/system/libkxld.dylib
0x7fff66b72000 - 0x7fff66b72ff7 liblaunch.dylib (1336.220.5)
<8563299C-2493-3DBD-8E88-3FC673DB47DD> /usr/lib/system/liblaunch.dylib
0x7fff66b73000 - 0x7fff66b78fff libmacho.dylib (921) <6ADB99F3-D142-3A0A-
B3CE-031354766ACC> /usr/lib/system/libmacho.dylib
0x7fff66b79000 - 0x7fff66b7bffb libquarantine.dylib (86.220.1)
<58524FD7-63C5-38E0-9D90-845A79551C14> /usr/lib/system/libquarantine.dylib
0x7fff66b7c000 - 0x7fff66b7dff3 libremovefile.dylib (45.200.2)
<BA53CA8A-9974-3A43-9265-B110B1AE470F> /usr/lib/system/libremovefile.dylib
0x7fff66b7e000 - 0x7fff66b95ff3 libsystem_asl.dylib (356.200.4)
<33C62769-1242-3BC1-9459-13CBCDECC7FE> /usr/lib/system/libsystem_asl.dylib
0x7fff66b96000 - 0x7fff66b96fff libsystem_blocks.dylib (73)
<152EDADF-7D94-35F2-89B7-E66DCD945BBA> /usr/lib/system/libsystem_blocks.dylib
0x7fff66b97000 - 0x7fff66c1ffff libsystem_c.dylib (1272.200.26) <D6C701A2-9F17-308D-
B6AC-9E17EF31B7DF> /usr/lib/system/libsystem_c.dylib
0x7fff66c20000 - 0x7fff66c23ff7 libsystem_configuration.dylib (963.200.27) <94898525-
ECC8-3CC9-B312-CBEAAC305E32> /usr/lib/system/libsystem_configuration.dylib
0x7fff66c24000 - 0x7fff66c27ff7 libsystem_coreservices.dylib (66)
<10818C17-70E1-328E-A3E3-C3EB81AEC590> /usr/lib/system/libsystem_coreservices.dylib
0x7fff66c28000 - 0x7fff66c2effb libsystem_darwin.dylib (1272.200.26)
<07468CF7-982F-37C4-83D0-D5E602A683AA> /usr/lib/system/libsystem_darwin.dylib
0x7fff66c2f000 - 0x7fff66c35ff7 libsystem_dnssd.dylib (878.230.2) <FF9D5025-
F060-334B-B6D8-C5D0BB6A55E3> /usr/lib/system/libsystem_dnssd.dylib
0x7fff66c36000 - 0x7fff66c82ff3 libsystem_info.dylib (517.200.9)
<54B65F21-2E93-3579-9B72-6637A03245D9> /usr/lib/system/libsystem_info.dylib
0x7fff66c83000 - 0x7fff66cabff7 libsystem_kernel.dylib (4903.231.4) <ABDAABCA-
C22A-3960-AA4E-E91A9FF34929> /usr/lib/system/libsystem_kernel.dylib

0x7fff66cac000 - 0x7fff66cf7ff7 libsystem_m.dylib (3158.200.7) <AF25F8E8-194C-314F-A2D3-A424853EE796> /usr/lib/system/libsystem_m.dylib
 0x7fff66cf8000 - 0x7fff66d1cff7 libsystem_malloc.dylib (166.220.1) <4777DC06-F9C6-356E-82AB-86A1C6D62F3A> /usr/lib/system/libsystem_malloc.dylib
 0x7fff66d1d000 - 0x7fff66d28ff3 libsystem_networkextension.dylib (767.220.1) <74818C3D-9B68-3823-A737-6A4B782618F2> /usr/lib/system/libsystem_networkextension.dylib
 0x7fff66d29000 - 0x7fff66d30fff libsystem_notify.dylib (172.200.21) <65B3061D-41D7-3485-B217-A861E05AD50B> /usr/lib/system/libsystem_notify.dylib
 0x7fff66d31000 - 0x7fff66d3afef libsystem_platform.dylib (177.200.16) <83DED753-51EC-3B8C-A98D-883A5184086B> /usr/lib/system/libsystem_platform.dylib
 0x7fff66d3b000 - 0x7fff66d45fff libsystem_pthread.dylib (330.230.1) <BA382BFC-6A17-3940-B417-D090EF2AF4F4> /usr/lib/system/libsystem_pthread.dylib
 0x7fff66d46000 - 0x7fff66d49ff7 libsystem_sandbox.dylib (851.230.3) <4D0CB1CA-160C-3C29-BE5D-131D68D43B1B> /usr/lib/system/libsystem_sandbox.dylib
 0x7fff66d4a000 - 0x7fff66d4cff3 libsystem_secinit.dylib (30.220.1) <5964B6D2-19D4-3CF9-BDBC-4EB1D42348F1> /usr/lib/system/libsystem_secinit.dylib
 0x7fff66d4d000 - 0x7fff66d54ff7 libsystem_symptoms.dylib (820.237.2) <487E1794-4C6E-3B1B-9C55-95B1A5FF9B90> /usr/lib/system/libsystem_symptoms.dylib
 0x7fff66d55000 - 0x7fff66d6aff7 libsystem_trace.dylib (906.220.1) <4D4BA88A-FA32-379D-8860-33838723B35F> /usr/lib/system/libsystem_trace.dylib
 0x7fff66d6c000 - 0x7fff66d71ffb libunwind.dylib (35.4) <EF1A77FD-A86B-39F5-ABEA-6100AB23583A> /usr/lib/system/libunwind.dylib
 0x7fff66d72000 - 0x7fff66da2fff libxpc.dylib (1336.220.5) <DC50F33E-C47D-3256-BFE0-F8E9B5AEBE17> /usr/lib/system/libxpc.dylib

External Modification Summary:

Calls made by other processes targeting this process:

task_for_pid: 31
 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: 7256
 thread_create: 0
 thread_set_state: 0

VM Region Summary:

ReadOnly portion of Libraries: Total=636.0M resident=0K(0%)

swapped_out_or_unallocated=636.0M(100%)

Writable regions: Total=705.2M written=0K(0%) resident=0K(0%) swapped_out=0K(0%)

unallocated=705.2M(100%)

REGION TYPE	VIRTUAL REGION		
	SIZE	COUNT (non-coalesced)	
=====	=====	=====	
ATS (font support)	32.0M	9	
ATS (font support) (reserved)	8K	3	reserved VM address space (unallocated)
Accelerate framework	1280K	10	
Activity Tracing	256K	2	
CG backing stores	596K	4	

CG image	1532K	68		
CG raster data	4136K	44		
CoreAnimation	16.6M	240		
CoreData Object IDs	4100K	3		
CoreGraphics	8K	2		
CoreImage	892K	92		
CoreServices	104K	2		
CoreUI image data	2984K	62		
CoreUI image file	624K	12		
Foundation	20K	3		
Kernel Alloc Once	8K	2		
MALLOC	250.3M	60		
MALLOC guard page	48K	13		
MALLOC_NANO (reserved)	384.0M	2		reserved VM address space (unallocated)
Memory Tag 242	12K	2		
Memory Tag 251	60K	3		
SQLite page cache	64K	2		
STACK GUARD	56.0M	9		
Stack	11.6M	12		
VM_ALLOCATE	392K	40		
__DATA	66.7M	455		
__FONT_DATA	4K	2		
__LINKEDIT	223.3M	52		
__TEXT	412.9M	446		
__UNICODE	564K	2		
mapped file	118.0M	54		
shared memory	648K	16		
=====	=====	=====		
TOTAL	1.6G	1696		
TOTAL, minus reserved VM space	1.2G	1696		

Model: MacBookPro9,2, BootROM 222.0.0.0.0, 2 processors, Intel Core i5, 2.5 GHz, 4 GB, SMC 2.2f44

Graphics: Intel HD Graphics 4000, Intel HD Graphics 4000, Built-In
Memory Module: BANK 0/DIMM0, 2 GB, DDR3, 1600 MHz, 0x02FE, 0x45424A3230554638424455302D474E2D4620

Memory Module: BANK 1/DIMM0, 2 GB, DDR3, 1600 MHz, 0x02FE, 0x45424A3230554638424455302D474E2D4620

AirPort: spairport_wireless_card_type_airport_extreme (0x14E4, 0xF5), Broadcom BCM43xx 1.0 (7.21.190.32 AirPortDriverBrcm4360-1315.1)

Bluetooth: Version 6.0.9f2, 3 services, 18 devices, 1 incoming serial ports

Network Service: Wi-Fi, AirPort, en1

Serial ATA Device: APPLE HDD HTS545050A7E362, 500.11 GB

Serial ATA Device: HL-DT-ST DVDRW GS41N

USB Device: USB 2.0 Bus

USB Device: Hub

USB Device: FaceTime HD Camera (Built-in)

USB Device: USB 2.0 Bus

USB Device: Hub

USB Device: Hub

USB Device: Apple Internal Keyboard / Trackpad

USB Device: IR Receiver

USB Device: BRCM20702 Hub

USB Device: Bluetooth USB Host Controller

USB Device: USB 3.0 Bus
Thunderbolt Bus: MacBook Pro, Apple Inc., 25.1