

Process: Aperture [669]
Path: /Applications/Aperture.app/Contents/MacOS/Aperture
Identifier: com.apple.Aperture3
Version: 3.6 (3.6)
Build Info: Aperture-5000210000000000~3
App Item ID: 408981426
App External ID: 731142774
Code Type: X86-64 (Native)
Parent Process: ??? [1]
Responsible: Aperture [669]
User ID: 501

Date/Time: 2020-11-23 12:24:07.611 -0700
OS Version: macOS 11.0.1 (20B29)
Report Version: 12
Bridge OS Version: 5.0.1 (18P2561)
Anonymous UUID: 63D1573B-FD9D-42C5-A0B9-64F97DBE8B1A

Sleep/Wake UUID: 06DBC121-7BC8-4892-A2CC-01DF3AEBA0DF

Time Awake Since Boot: 15000 seconds
Time Since Wake: 2200 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:

*** Terminating app due to uncaught exception 'NSRangeException', reason:
'Cannot remove an observer <RKFullScreenLayoutManager
0x600003b97700> for the key path "onScreen" from
<RKInspectorHUDWindow 0x7fa46354c410> because it is not registered as
an observer.'
terminating with uncaught exception of type NSRangeException
abort() called

Application Specific Backtrace 1:

```
0 CoreFoundation          0x00007fff2049b6af __exceptionPreprocess
+ 242
1 libobjc.A.dylib         0x00007fff201d33c9 objc_exception_throw +
48
2 Foundation              0x00007fff2119e594 -
[NSObject(NSKeyValueObserverRegistration) _removeObserver:forProperty:]
+ 685
3 Foundation              0x00007fff2119e29e -
[NSObject(NSKeyValueObserverRegistration) removeObserver:forKeyPath:]
+ 74
4 Aperture                0x0000000101da25a0 Aperture + 4502944
5 Aperture                0x0000000101da2024 Aperture + 4501540
6 libobjc.A.dylib         0x00007fff201e48fe
_ZN11objc_object17sidetable_releaseEbb + 232
7 Aperture                0x00000001019d5da2 Aperture + 519586
8 Aperture                0x00000001019af244 Aperture + 361028
9 Aperture                0x00000001019b7c9b Aperture + 396443
10 AppKit                 0x00007fff232c0b22 -
[_NSWindowExitFullScreenTransitionController startCustomTransition] + 132
11 AppKit                 0x00007fff235723b8 -
[_NSExitFullScreenTransitionController _doSucceededToExitFullScreen] + 84
12 AppKit                 0x00007fff235730e7 __63-
[_NSExitFullScreenTransitionController
_performExitFullScreen]_block_invoke + 232
13 libxpc.dylib           0x00007fff20071ab8
_xpc_connection_reply_callout + 36
14 libxpc.dylib           0x00007fff20071a40
_xpc_connection_call_reply_async + 69
15 libdispatch.dylib      0x00007fff2017e831
_dispatch_client_callout3 + 8
16 libdispatch.dylib      0x00007fff20197010
_dispatch_mach_msg_async_reply_invoke + 375
17 libdispatch.dylib      0x00007fff2018aa3f
_dispatch_main_queue_callback_4CF + 613
18 CoreFoundation         0x00007fff2045e960
__CFRUNLOOP_IS_SERVICING_THE_MAIN_DISPATCH_QUEUE__ + 9
19 CoreFoundation         0x00007fff20420842 __CFRunLoopRun +
2731
20 CoreFoundation         0x00007fff2041f6be
```

```

CFRunLoopRunSpecific + 563
21 HIToolbox          0x00007fff2868bfd0
RunCurrentEventLoopInMode + 292
22 HIToolbox          0x00007fff2868bdcc
ReceiveNextEventCommon + 709
23 HIToolbox          0x00007fff2868baef
_BlockUntilNextEventMatchingListInModeWithFilter + 64
24 AppKit              0x00007fff22c38f85 _DPSNextEvent + 883
25 AppKit              0x00007fff22c3774b -[NSApplication(NSEvent)
_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1366
26 Aperture            0x0000000101dc3a81 Aperture + 4639361
27 AppKit              0x00007fff22c29bda -[NSApplication run] +
586
28 ProKit              0x000000010318d39a NSProApplicationMain +
333
29 Aperture            0x00000001019670b4 Aperture + 65716
30 Aperture            0x0000000101966a44 Aperture + 64068
31 ???                 0x0000000000000001 0x0 + 1

```

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

```

0 libsystem_kernel.dylib 0x00007fff202fb462 __pthread_kill + 10
1 libsystem_pthread.dylib 0x00007fff20329610 pthread_kill + 263
2 libsystem_c.dylib      0x00007fff2027c720 abort + 120
3 libc++abi.dylib       0x00007fff202ee418 abort_message + 231
4 libc++abi.dylib       0x00007fff202dfa7d
demangling_terminate_handler() + 266
5 libobjc.A.dylib        0x00007fff201d59b1 _objc_terminate() + 96
6 libc++abi.dylib       0x00007fff202ed847 std::__terminate(void (*)())
+ 8
7 libc++abi.dylib       0x00007fff202ed7e9 std::terminate() + 41
8 libdispatch.dylib     0x00007fff2017e845 _dispatch_client_callout3 +
28
9 libdispatch.dylib     0x00007fff20197010
_dispatch_mach_msg_async_reply_invoke + 375
10 libdispatch.dylib    0x00007fff2018aa3f
_dispatch_main_queue_callback_4CF + 613
11 com.apple.CoreFoundation 0x00007fff2045e960
__CFRUNLOOP_IS_SERVICING_THE_MAIN_DISPATCH_QUEUE__ + 9
12 com.apple.CoreFoundation 0x00007fff20420842 __CFRunLoopRun
+ 2731
13 com.apple.CoreFoundation 0x00007fff2041f6be

```

CFRunLoopRunSpecific + 563
 14 com.apple.HIToolbox 0x00007fff2868bfd0
 RunCurrentEventLoopInMode + 292
 15 com.apple.HIToolbox 0x00007fff2868bdcc
 ReceiveNextEventCommon + 709
 16 com.apple.HIToolbox 0x00007fff2868baef
 _BlockUntilNextEventMatchingListInModeWithFilter + 64
 17 com.apple.AppKit 0x00007fff22c38f85 _DPSNextEvent + 883
 18 com.apple.AppKit 0x00007fff22c3774b -
 [NSApplication(NSEvent)
 _nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1366
 19 com.apple.Aperture3 0x0000000101dc3a81 0x101957000 +
 4639361
 20 com.apple.AppKit 0x00007fff22c29bda -[NSApplication run] +
 586
 21 com.apple.prokit 0x000000010318d39a
 NSProApplicationMain + 333
 22 com.apple.Aperture3 0x00000001019670b4 0x101957000 +
 65716
 23 com.apple.Aperture3 0x0000000101966a44 0x101957000 +
 64068

Thread 1:

0 libsystem_kernel.dylib 0x00007fff202f78e2 __psynch_cvwait + 10
 1 libsystem_pthread.dylib 0x00007fff20329ea2 _pthread_cond_wait +
 1305
 2 com.apple.Foundation 0x00007fff21183e16 -[NSCondition
 waitUntilDate:] + 144
 3 com.apple.Foundation 0x00007fff2118622f -[NSConditionLock
 lockWhenCondition:beforeDate:] + 91
 4 com.apple.proxycore 0x0000000103e697c7 -[XTMsgQueue
 waitForMessage] + 46
 5 com.apple.proxycore 0x0000000103e69320 -[XTThread run:] +
 322
 6 com.apple.Foundation 0x00007fff211a2e1d __NSThread__start__ +
 1042
 7 libsystem_pthread.dylib 0x00007fff20329950 _pthread_start + 224
 8 libsystem_pthread.dylib 0x00007fff2032547b thread_start + 15

Thread 2:

0 libsystem_kernel.dylib 0x00007fff202f78e2 __psynch_cvwait + 10

1	libsystem_pthread.dylib	0x00007fff20329ea2	_pthread_cond_wait + 1305
2	com.apple.Foundation	0x00007fff21183e16	-[NSCondition waitUntilDate:] + 144
3	com.apple.Foundation	0x00007fff2118622f	-[NSConditionLock lockWhenCondition:beforeDate:] + 91
4	com.apple.proxycore	0x0000000103e697c7	-[XTMsgQueue waitForMessage] + 46
5	com.apple.proxycore	0x0000000103e69320	-[XTThread run:] + 322
6	com.apple.Foundation	0x00007fff211a2e1d	__NSThread__start__ + 1042
7	libsystem_pthread.dylib	0x00007fff20329950	_pthread_start + 224
8	libsystem_pthread.dylib	0x00007fff2032547b	thread_start + 15

Thread 3:

0	libsystem_kernel.dylib	0x00007fff202f78e2	__psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff20329ea2	_pthread_cond_wait + 1305
2	com.apple.Foundation	0x00007fff21183e16	-[NSCondition waitUntilDate:] + 144
3	com.apple.Foundation	0x00007fff2118622f	-[NSConditionLock lockWhenCondition:beforeDate:] + 91
4	com.apple.proxycore	0x0000000103e697c7	-[XTMsgQueue waitForMessage] + 46
5	com.apple.proxycore	0x0000000103e69320	-[XTThread run:] + 322
6	com.apple.Foundation	0x00007fff211a2e1d	__NSThread__start__ + 1042
7	libsystem_pthread.dylib	0x00007fff20329950	_pthread_start + 224
8	libsystem_pthread.dylib	0x00007fff2032547b	thread_start + 15

Thread 4:

0	libsystem_kernel.dylib	0x00007fff202f78e2	__psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff20329ea2	_pthread_cond_wait + 1305
2	com.apple.Foundation	0x00007fff21183e16	-[NSCondition waitUntilDate:] + 144
3	com.apple.Foundation	0x00007fff2118622f	-[NSConditionLock lockWhenCondition:beforeDate:] + 91
4	com.apple.proxycore	0x0000000103e697c7	-[XTMsgQueue

waitForMessage] + 46	
5 com.apple.proxycore	0x0000000103e69320 -[XThread run:] +
322	
6 com.apple.Foundation	0x00007fff211a2e1d __NSThread__start__ +
1042	
7 libsystem_pthread.dylib	0x00007fff20329950 _pthread_start + 224
8 libsystem_pthread.dylib	0x00007fff2032547b thread_start + 15

Thread 5:

0 libsystem_kernel.dylib	0x00007fff202f78e2 __psynch_cvwait + 10
1 libsystem_pthread.dylib	0x00007fff20329ea2 _pthread_cond_wait +
1305	
2 com.apple.Foundation	0x00007fff21183e16 -[NSCondition
waitUntilDate:] + 144	
3 com.apple.Foundation	0x00007fff2118622f -[NSConditionLock
lockWhenCondition:beforeDate:] + 91	
4 com.apple.proxycore	0x0000000103e697c7 -[XThreadQueue
waitForMessage] + 46	
5 com.apple.proxycore	0x0000000103e69320 -[XThread run:] +
322	
6 com.apple.Foundation	0x00007fff211a2e1d __NSThread__start__ +
1042	
7 libsystem_pthread.dylib	0x00007fff20329950 _pthread_start + 224
8 libsystem_pthread.dylib	0x00007fff2032547b thread_start + 15

Thread 6:

0 libsystem_kernel.dylib	0x00007fff202f78e2 __psynch_cvwait + 10
1 libsystem_pthread.dylib	0x00007fff20329ea2 _pthread_cond_wait +
1305	
2 com.apple.Foundation	0x00007fff21183e16 -[NSCondition
waitUntilDate:] + 144	
3 com.apple.Foundation	0x00007fff2118622f -[NSConditionLock
lockWhenCondition:beforeDate:] + 91	
4 com.apple.proxycore	0x0000000103e697c7 -[XThreadQueue
waitForMessage] + 46	
5 com.apple.proxycore	0x0000000103e69320 -[XThread run:] +
322	
6 com.apple.Foundation	0x00007fff211a2e1d __NSThread__start__ +
1042	
7 libsystem_pthread.dylib	0x00007fff20329950 _pthread_start + 224
8 libsystem_pthread.dylib	0x00007fff2032547b thread_start + 15

Thread 7:: com.apple.NSEventThread

```
0 libsystem_kernel.dylib      0x00007fff202f4e7e mach_msg_trap + 10
1 libsystem_kernel.dylib      0x00007fff202f51f0 mach_msg + 60
2 com.apple.CoreFoundation    0x00007fff20421be7
__CFRunLoopServiceMachPort + 316
3 com.apple.CoreFoundation    0x00007fff204202ba __CFRunLoopRun
+ 1315
4 com.apple.CoreFoundation    0x00007fff2041f6be
CFRunLoopRunSpecific + 563
5 com.apple.AppKit            0x00007fff22dbf36d _NSEventThread + 124
6 libsystem_pthread.dylib     0x00007fff20329950 _pthread_start + 224
7 libsystem_pthread.dylib     0x00007fff2032547b thread_start + 15
```

Thread 8:: JavaScriptCore bmalloc scavenger

```
0 libsystem_kernel.dylib      0x00007fff202f78e2 __psynch_cvwait + 10
1 libsystem_pthread.dylib     0x00007fff20329e6f _pthread_cond_wait +
1254
2 libc++.1.dylib              0x00007fff20290cf2
std::__1::condition_variable::wait(std::__1::unique_lock<std::__1::mutex>&) +
18
3 com.apple.JavaScriptCore    0x00007fff37385034 void
std::__1::condition_variable_any::wait<std::__1::unique_lock<bmalloc::Mutex>
>(std::__1::unique_lock<bmalloc::Mutex>&) + 84
4 com.apple.JavaScriptCore    0x00007fff3738994b
bmalloc::Scavenger::threadRunLoop() + 331
5 com.apple.JavaScriptCore    0x00007fff373894d9
bmalloc::Scavenger::threadEntryPoint(bmalloc::Scavenger*) + 9
6 com.apple.JavaScriptCore    0x00007fff3738be87 void*
std::__1::__thread_proxy<std::__1::tuple<std::__1::unique_ptr<std::__1::__thre
ad_struct, std::__1::default_delete<std::__1::__thread_struct> >, void (*)
(bmalloc::Scavenger*), bmalloc::Scavenger*> >(void*) + 39
7 libsystem_pthread.dylib     0x00007fff20329950 _pthread_start + 224
8 libsystem_pthread.dylib     0x00007fff2032547b thread_start + 15
```

Thread 9:

```
0 libsystem_kernel.dylib      0x00007fff202f78e2 __psynch_cvwait + 10
1 libsystem_pthread.dylib     0x00007fff20329ea2 _pthread_cond_wait +
1305
2 com.apple.Foundation        0x00007fff21183e16 -[NSCondition
waitUntilDate:] + 144
```

3	com.apple.Foundation	0x00007fff2118622f	-[NSConditionLock lockWhenCondition:beforeDate:] + 91
4	com.apple.proxycore	0x0000000103e697c7	-[XTMsgQueue waitForMessage] + 46
5	com.apple.proxycore	0x0000000103e69320	-[XTThread run:] + 322
6	com.apple.Foundation	0x00007fff211a2e1d	__NSThread__start__ + 1042
7	libsystem_pthread.dylib	0x00007fff20329950	_pthread_start + 224
8	libsystem_pthread.dylib	0x00007fff2032547b	thread_start + 15

Thread 10:

0	libsystem_kernel.dylib	0x00007fff202f78e2	__psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff20329ea2	_pthread_cond_wait + 1305
2	com.apple.Foundation	0x00007fff21183e16	-[NSCondition waitUntilDate:] + 144
3	com.apple.Foundation	0x00007fff2118622f	-[NSConditionLock lockWhenCondition:beforeDate:] + 91
4	com.apple.proxycore	0x0000000103e697c7	-[XTMsgQueue waitForMessage] + 46
5	com.apple.proxycore	0x0000000103e69320	-[XTThread run:] + 322
6	com.apple.Foundation	0x00007fff211a2e1d	__NSThread__start__ + 1042
7	libsystem_pthread.dylib	0x00007fff20329950	_pthread_start + 224
8	libsystem_pthread.dylib	0x00007fff2032547b	thread_start + 15

Thread 11:

0	libsystem_pthread.dylib	0x00007fff20325458	start_wqthread + 0
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Thread 12:

0	libsystem_pthread.dylib	0x00007fff20325458	start_wqthread + 0
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Thread 13:

0	libsystem_pthread.dylib	0x00007fff20325458	start_wqthread + 0
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Thread 14:

0	libsystem_pthread.dylib	0x00007fff20325458	start_wqthread + 0
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Thread 15:

0 libsystem_pthread.dylib 0x00007fff20325458 start_wqthread + 0

Thread 16:

0 libsystem_pthread.dylib 0x00007fff20325458 start_wqthread + 0

Thread 17:

0 libsystem_pthread.dylib 0x00007fff20325458 start_wqthread + 0

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

rax: 0x0000000000000000 rbx: 0x000000010cf74e00 rcx:
0x00007ffeee2a6cf8 rdx: 0x0000000000000000
rdi: 0x00000000000000307 rsi: 0x0000000000000006 rbp:
0x00007ffeee2a6d20 rsp: 0x00007ffeee2a6cf8
r8: 0x00007ffeee2a6bc0 r9: 0x00007ffeee2a6d90 r10:
0x000000010cf74e00 r11: 0x00000000000000246
r12: 0x00000000000000307 r13: 0x0000003000000008 r14:
0x0000000000000006 r15: 0x0000000000000016
rip: 0x00007fff202fb462 rfi: 0x00000000000000246 cr2:
0x00007fffdcbb3cbb

Logical CPU: 0

Error Code: 0x02000148

Trap Number: 133

Thread 0 instruction stream not available.

Thread 0 last branch register state not available.

Binary Images:

0x101957000 - 0x10208ffff com.apple.Aperture3 (3.6 - 3.6)
<C083F141-A101-38B8-8132-6F4ACFA2BBA8> /Applications/Aperture.app/
Contents/MacOS/Aperture

0x102299000 - 0x10229bfff +eOkaoCom.dylib (1)
<393F340C-3AD1-C89B-6C37-9D8ABF4BFFD9> /Applications/
Aperture.app/Contents/Frameworks/iLifeFaceRecognition.framework/
Versions/A/Resources/eOkaoCom.dylib

0x1022a0000 - 0x1022aafff com.apple.PhotoFoundation (1.0 -
400.2) <F84CC426-F9FE-390B-9475-E61E3C62851E> /Applications/
Aperture.app/Contents/Frameworks/PhotoFoundation.framework/Versions/A/
PhotoFoundation

0x102330000 - 0x1028b2fff com.apple.RedRock (1.9.4 - 500.16)
<C725F461-291D-38D1-9CB2-5EA26B3F364B> /Applications/Aperture.app/
Contents/Frameworks/RedRock.framework/Versions/A/RedRock

0x102e91000 - 0x102efeff com.apple.iLifePageLayoutCore (1.0 -
500.5) <05BC76C2-9EC2-3EB7-B212-7DDD286B2871> /Applications/
Aperture.app/Contents/Frameworks/iLifePageLayoutCore.framework/
Versions/A/iLifePageLayoutCore

0x102fae000 - 0x102fb2fff
com.apple.iLifePhotoStreamConfiguration (3.4 - 2.5)
<9C7AFABC-8D42-3A9D-A62E-A54730FB464D> /Applications/
Aperture.app/Contents/Frameworks/
iLifePhotoStreamConfiguration.framework/Versions/A/
iLifePhotoStreamConfiguration

0x102fc0000 - 0x102feaff com.apple.iLifeAssetManagement (2.7 -
400.7) <01F525E2-7103-38E9-865D-7828D20754EA> /Applications/
Aperture.app/Contents/Frameworks/iLifeAssetManagement.framework/
Versions/A/iLifeAssetManagement

0x103027000 - 0x103031fff
com.apple.iphoto.AccountConfigurationPlugin (1.2 - 1.2)
<867865E4-66F4-39AD-A5E9-96E53FBAA39F> /Applications/
Aperture.app/Contents/Frameworks/AccountConfigurationPlugin.framework/
Versions/A/AccountConfigurationPlugin

0x10304b000 - 0x10304bfff +AppKit (0) <46833FB9-0665-32A8-
B018-E8532D22B388> /Applications/Aperture.app/Contents/Frameworks/
AppKit.framework/Versions/C/AppKit

0x103052000 - 0x1030dcfff com.apple.MobileMe (13 - 1.0.4)
<65494CD8-55A0-30AC-A03A-7E68283A0719> /Applications/
Aperture.app/Contents/Frameworks/MobileMe.framework/Versions/A/
MobileMe

0x10314f000 - 0x10315aff com.apple.PluginManager (1.7.6 - 55)
<2FF0F0D5-10F9-3D15-80BF-74F48609A1FB> /Applications/Aperture.app/
Contents/Frameworks/PluginManager.framework/Versions/B/PluginManager

0x103171000 - 0x103372fff com.apple.prokit (8.0 - 5015)
<4422712B-380A-395F-92C4-DEFB877AC650> /Applications/Aperture.app/
Contents/Frameworks/ProKit.framework/Versions/A/ProKit

0x1034fa000 - 0x10383bfff com.apple.iLifeSlideshow (3.1.2 -
1152.19) <CC882774-0063-32EE-8F93-129BF88A66BC> /Applications/
Aperture.app/Contents/Frameworks/iLifeSlideshow.framework/Versions/A/
iLifeSlideshow

0x1039cf000 - 0x1039e5fff com.apple.iLifeFaceRecognition (1.0 -
30.11) <846AEC01-11F8-336B-9954-EB14D3C8AAC0> /Applications/

Aperture.app/Contents/Frameworks/iLifeFaceRecognition.framework/
Versions/A/iLifeFaceRecognition
0x1039f8000 - 0x103a26fff com.apple.fayray.PrintServices
(920131014 - 11.11) <EA8C7731-7DF7-35DD-A7FF-0FCFCE26C8BA> /
Applications/Aperture.app/Contents/Frameworks/PrintServices.framework/
Versions/A/PrintServices
0x103a8c000 - 0x103ab7fff com.apple.ProUtils (1.1 - 500.3)
<1EE53B28-EF8D-3413-9DC1-C55B56CE4A41> /Applications/Aperture.app/
Contents/Frameworks/ProUtils.framework/Versions/A/ProUtils
0x103af5000 - 0x103ceffff com.apple.geode (1.5.3 - 500.9)
<68B3122B-380E-38AC-ADF9-8571DE3F0EF6> /Applications/Aperture.app/
Contents/Frameworks/Geode.framework/Versions/A/Geode
0x103e62000 - 0x103ec2fff com.apple.proxtcore (1.4.1 - 500.2)
<818709BB-209D-3B01-9701-FEC9B025C98F> /Applications/Aperture.app/
Contents/Frameworks/ProXTCORE.framework/Versions/A/ProXTCORE
0x103f7d000 - 0x104071fff com.apple.iLifeSQLAccess (1.7.1 -
400.2) <25E1A248-33D9-337C-93E6-9A69678F6AAB> /Applications/
Aperture.app/Contents/Frameworks/iLifeSQLAccess.framework/Versions/A/
iLifeSQLAccess
0x104147000 - 0x104168fff com.apple.iPhoto.Tellus (1.3 - 400.2)
<5F83E23D-3E07-3E81-B56C-9828690DAE41> /Applications/Aperture.app/
Contents/Frameworks/Tellus.framework/Versions/A/Tellus
0x1041a3000 - 0x1041c7fff com.apple.iPhoto.Tessera (1.1 - 400.2)
<30BC8A34-B855-3CBE-BAB1-0E6F37B65F0F> /Applications/
Aperture.app/Contents/Frameworks/Tessera.framework/Versions/A/Tessera
0x1041f7000 - 0x1041fbfff +com.gentlemencoders.ApertureFixer
(1.0 - 7) <CC1C7001-B48D-3B60-B0FA-9A0ED5388F55> /Applications/
Aperture.app/Contents/Frameworks/ApertureFixer.framework/Versions/A/
ApertureFixer
0x104210000 - 0x1043ebfff com.apple.mobiledevice (1253.40.18 -
1253.40.18) <7FB891A3-A3A5-33C8-AE1F-49981DECF9D8> /System/
Library/PrivateFrameworks/MobileDevice.framework/Versions/A/MobileDevice
0x104516000 - 0x10453dfff +eOkaoPt.dylib (1)
<E6500FB8-157F-57B5-FE25-2A3A1CB3574C> /Applications/Aperture.app/
Contents/Frameworks/iLifeFaceRecognition.framework/Versions/A/
Resources/eOkaoPt.dylib
0x104545000 - 0x10457afff +eOkaoDt.dylib (1)
<7A74253D-8930-6FF1-B513-0929C4E111A2> /Applications/Aperture.app/
Contents/Frameworks/iLifeFaceRecognition.framework/Versions/A/
Resources/eOkaoDt.dylib
0x104582000 - 0x1046eafff +eOkaoFr.dylib (1)

<510E837E-135A-92C8-9AC0-465691EA43D2> /Applications/Aperture.app/
Contents/Frameworks/iLifeFaceRecognition.framework/Versions/A/
Resources/eOkaoFr.dylib

0x1046f1000 - 0x104742fff com.apple.NyxAudioAnalysis (12.5 -
12.5) <F882A65F-8365-3A92-970D-9A1A71E2B2B2> /Applications/
Aperture.app/Contents/Frameworks/NyxAudioAnalysis.framework/Versions/A/
NyxAudioAnalysis

0x10478e000 - 0x10479dfff libobjc-trampolines.dylib (818.2)
<27F9380F-20DE-3228-B34B-499FC8637F39> /usr/lib/libobjc-
trampolines.dylib

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0x10dd19000 - 0x10de6cfff com.apple.AMDRadeonX6000GLDriver
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726) <4D6FE4F4-D9A7-3D8C-9E46-AD0F39013259> /System/Library/
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CloudDocsFileProvider.bundle/Contents/MacOS/CloudDocsFileProvider

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MacOS/SmugMugPublisher

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MacOS/FacebookPublisher

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erOverride (1.0 - 1350.1.1) <A64E9E4D-D141-3DC5-A0FE-E6CC3CE7150B> /
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LaunchServices.framework/Versions/A/LaunchServices
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Frameworks/Accelerate.framework/Versions/A/Frameworks/
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- 476) <E861339B-F001-3BBC-96C7-916E41B0F238> /System/Library/PrivateFrameworks/CoreServicesInternal.framework/Versions/A/CoreServicesInternal
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285.20.8.8.1) <7B0CA279-FD76-32D3-9A8B-ABA6AA799C30> /System/
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- 505.40.18) <26B2DD3C-EF2D-3FD6-9653-D4F857930917> /System/
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Versions/A/AE
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MetadataUtilities

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vImage.framework/Versions/A/vImage

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Frameworks/QuartzCore.framework/Versions/A/QuartzCore

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ATS.framework/Versions/A/Resources/libFontRegistry.dylib

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(1.275 - 275) <07995E93-BF12-3B63-B33C-9D8941CF43B3> /System/Library/PrivateFrameworks/PerformanceAnalysis.framework/Versions/A/PerformanceAnalysis

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0x7fff2711c000 - 0x7fff27140fff com.apple.coreservices.SharedFileList (143 - 143) <CCD817BF-99F0-34A3-A619-8F47A1F83CC8> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SharedFileList.framework/Versions/A/SharedFileList

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0x7fff27144000 - 0x7fff2718cfff com.apple.CoreAutoLayout (1.0 - 21.10.1) <14614F40-5A4F-31C0-90DC-B1FB3D8ECE66> /System/Library/PrivateFrameworks/CoreAutoLayout.framework/Versions/A/CoreAutoLayout

0x7fff2718d000 - 0x7fff2726ffff libxml2.2.dylib (34.8) <667639AF-E0DB-3BFD-B641-5D0BFBCBF6A3> /usr/lib/libxml2.2.dylib

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0x7fff2865b000 - 0x7fff2895afff com.apple.HIToolbox (2.1.1 - 1060.0.1) <97A715C9-6C47-388D-8801-A44FB84E5C4D> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox

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0x7fff28f53000 - 0x7fff28faefff com.apple.MetalPerformanceShaders.MPSCore (1.0 - 1) <A929F704-8938-3F9F-8B35-9ABDA03F4D37> /System/Library/Frameworks/MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSCore.framework/Versions/A/MPSCore

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0x7fff28fba000 - 0x7fff28fbdfff com.apple.AppleSystemInfo (3.1.5 - 3.1.5) <4CE6C43E-92B6-3933-BEE1-079336A0D6A1> /System/Library/PrivateFrameworks/AppleSystemInfo.framework/Versions/A/AppleSystemInfo

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505.40.18) <12D5EA20-2B9C-3C83-A132-70F77B172775> /System/Library/
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55240.40.4) <AC9A369B-6E9B-3267-B56E-2746853615A0> /System/
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MPSRayIntersector.framework/Versions/A/MPSRayIntersector
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com.apple.MetalPerformanceShaders.MPSNDArray (1.0 - 1) <0CE771E3-
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MPSNDArray.framework/Versions/A/MPSNDArray
0x7fff2a18c000 - 0x7fff2a21cfff

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0x7fff2a21d000 - 0x7fff2a22cfff com.apple.AppleFSCompression (125 - 1.0) <5BE26EB2-6012-33E5-AF38-D8C5F4DF64CA> /System/Library/PrivateFrameworks/AppleFSCompression.framework/Versions/A/AppleFSCompression
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(1439.40.11) <31C10DA5-F9B8-36E4-B859-8F6B845FF65D> /usr/lib/
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Frameworks/CoreServices.framework/Versions/A/Frameworks/
SearchKit.framework/Versions/A/SearchKit
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MetalPerformanceShaders
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Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
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vecLib.framework/Versions/A/libLAPACK.dylib
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341) <CBFBB0CC-093A-39AC-99E3-C032029AC7C3> /System/Library/
Frameworks/CoreServices.framework/Versions/A/Frameworks/
DictionaryServices.framework/Versions/A/DictionaryServices
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B03C-323B-AD4F-C5BD0584D780> /usr/lib/liblzma.5.dylib

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1677.50.1) <CBABD7ED-84C7-3F72-80EB-5F8AED435566> /System/
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vecLib.framework/Versions/A/libvMisc.dylib

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CrashReporterSupport

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PrivateFrameworks/PlugInKit.framework/Versions/A/PlugInKit

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6.1.3) <5F9D3C05-FBF9-345D-B49F-95ED20451F0E> /System/Library/PrivateFrameworks/AppleVA.framework/Versions/A/AppleVA
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<7A065BB2-13BA-3DB4-93BB-FD4B034EE493> /System/Library/
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MultitouchSupport
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Frameworks/VideoToolbox.framework/Versions/A/VideoToolbox
0x7fff2bbca000 - 0x7fff2bbfcfff libAudioToolboxUtility.dylib (1180.19.2)
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37) <A84FB6B2-8ED1-31DC-AC7C-726E7915F541> /System/Library/

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DSEExternalDisplay
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ATSUI.framework/Versions/A/ATSUI
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(16 - 531) <0EB74D87-B560-380C-8B88-EDAED20D0D99> /System/
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(2420.8.10.3.1 - 2420.8.10.3.1) <7BC41C49-445B-32A1-ABC4-
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LocationSupport.framework/Versions/A/LocationSupport
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AudioToolbox.framework/Versions/A/AudioToolbox
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ApplicationServices.framework/Versions/A/Frameworks/
SpeechSynthesis.framework/Versions/A/SpeechSynthesis
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Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
ATS.framework/Versions/A/ATS
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SecurityInterface

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Frameworks/CoreMediaIO.framework/Versions/A/CoreMediaIO

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LangAnalysis.framework/Versions/A/LangAnalysis

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Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
ColorSyncLegacy.framework/Versions/A/ColorSyncLegacy

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Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
QD.framework/Versions/A/QD

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AudioResourceArbitration.framework/Versions/A/AudioResourceArbitration

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Frameworks/Kerberos.framework/Versions/A/Kerberos

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KeychainCircle.framework/Versions/A/KeychainCircle

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CorePhoneNumbers

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509.40.16) <705EFE05-0522-33E1-9139-F9D5B59AEFB7> /System/Library/

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509.40.16) <74BF3804-694F-3AE3-95A8-31B1DF5D9468> /System/Library/

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SecCodeWrapper

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0x7fff2e463000 - 0x7fff2e47ffff com.apple.MetalKit (147.1 - 147.1) <3AA5A3CE-2E68-3A7C-B735-636C72229EF2> /System/Library/Frameworks/MetalKit.framework/Versions/A/MetalKit

0x7fff2e656000 - 0x7fff2fb40fff com.apple.GeoServices (1.0 - 1757.20.8.12.21) <088A1DAC-0AD7-317F-B853-8882CF526324> /System/Library/PrivateFrameworks/GeoServices.framework/Versions/A/GeoServices

0x7fff2fb41000 - 0x7fff2fb4cfff com.apple.DirectoryService.Framework (11.0 - 230.40.1) <969BBAAA-736C-3262-8BAD-BB02EE3722A3> /System/Library/Frameworks/DirectoryService.framework/Versions/A/DirectoryService

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0x7fff2fb89000 - 0x7fff2fb90fff com.apple.speech.recognition.framework (6.0.3 - 6.0.3) <66CCAAEC-B04B-326F-BB83-6A9E668111BC> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/Versions/A/SpeechRecognition

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0x7fff2fba2000 - 0x7fff2fdbffff com.apple.MapKit (1.0 - 2237.20.8.12.23) <3A2B426B-3615-3DCC-9E75-F918EFBCF25F> /System/Library/Frameworks/MapKit.framework/Versions/A/MapKit

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IOPlatformPluginFamily

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0x7fff2fed6000 - 0x7fff2fed6fff com.apple.CoreServices (1122.5.1 - 1122.5.1) <070D2800-D014-34E3-AAA9-CB7199EFC728> /System/Library/Frameworks/CoreServices.framework/Versions/A/CoreServices

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0x7fff301e5000 - 0x7fff301f0fff com.apple.MediaAccessibility (1.0 - 130) <D7556226-D396-3EA8-B10D-F73C074ABFAD> /System/Library/Frameworks/MediaAccessibility.framework/Versions/A/MediaAccessibility

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com.apple.framework.SystemAdministration (1.0 - 1.0)
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9030.4.5) <12CEDA8E-D339-3022-BFD9-135458523B3E> /System/Library/
Frameworks/DiscRecording.framework/Versions/A/DiscRecording
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321.2.0) <CF62493C-B5DE-3C08-B9B3-4B7B4D1AEA84> /System/Library/
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509.40.16) <E1787B95-148C-310B-BB07-523D3763C782> /System/Library/
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(702.3.1 - 702.3.1) <F1B9D008-9F6E-3A8B-B697-3F3F85A8B4E8> /System/
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FrontBoardServices
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3497.1) <426727F7-722C-38F0-8A53-7B493C9D72D7> /System/Library/
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- 19.1) <02B1E452-BBFE-3DF1-8E8E-DC94DA25F711> /System/Library/
PrivateFrameworks/ExtensionFoundation.framework/Versions/A/
ExtensionFoundation

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0x7fff3191b000 - 0x7fff31948fff com.apple.CoreAuthentication.SharedUtils (1.0 - 827.40.37) <059D1BFA-4092-3DDA-AD95-DFECA7AE7DDA> /System/Library/Frameworks/LocalAuthentication.framework/Support/SharedUtils.framework/Versions/A/SharedUtils

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0x7fff31b1c000 - 0x7fff31b58fff com.apple.DebugSymbols (195.1 - 195.1) <93BEC865-279E-3A6E-A24B-487C51FF6459> /System/Library/PrivateFrameworks/DebugSymbols.framework/Versions/A/DebugSymbols

0x7fff31b59000 - 0x7fff31c16fff com.apple.CoreSymbolication (12.2 - 64541.4) <D9F608E4-437D-3A1C-83E7-7BD6CF830589> /System/Library/PrivateFrameworks/CoreSymbolication.framework/Versions/A/CoreSymbolication

0x7fff31c17000 - 0x7fff31c20fff com.apple.CoreTime (283) <A7E32D27-8B00-363C-AD63-C57D760632A3> /System/Library/PrivateFrameworks/CoreTime.framework/Versions/A/CoreTime

0x7fff31c21000 - 0x7fff31c96fff com.apple.Rapport (2.1.0 - 210.4) <60583DE2-F43A-3037-AEE3-F4BF5327126C> /System/Library/PrivateFrameworks/Rapport.framework/Versions/A/Rapport

0x7fff324d1000 - 0x7fff3251efff com.apple.coreduetcontext (1.0 - 1) <AD3D78DF-7139-3D5F-9EFF-C99E9EBF3A92> /System/Library/PrivateFrameworks/CoreDuetContext.framework/Versions/A/CoreDuetContext

0x7fff3251f000 - 0x7fff32a96fff com.apple.Intents (1.0 - 1) <EDA5F6CB-3D90-3C29-947A-B30A2EC95591> /System/Library/Frameworks/Intents.framework/Versions/A/Intents

0x7fff32a97000 - 0x7fff32afafff com.apple.framework.Apple80211 (17.0 - 1728) <E5DB3BA3-DA6B-33B2-A111-852B5041DE4E> /System/Library/PrivateFrameworks/Apple80211.framework/Versions/A/Apple80211

0x7fff32afb000 - 0x7fff32c4dfff com.apple.CoreWiFi (3.0 - 341) <4B9C6F89-74B7-35F0-AC61-7ECD993B8139> /System/Library/PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi

0x7fff32c4e000 - 0x7fff32c66fff com.apple.BackBoardServices (1.0 - 1.0) <2342E432-F1E3-333F-A6D4-D193ED690504> /System/Library/PrivateFrameworks/BackBoardServices.framework/Versions/A/BackBoardServices

0x7fff32c67000 - 0x7fff32c9efff com.apple.LDAPFramework (2.4.28 - 194.5) <1D3EE3B4-47EA-3EA4-9D9B-8BE68438C97E> /System/Library/Frameworks/LDAP.framework/Versions/A/LDAP

0x7fff32c9f000 - 0x7fff32ca0fff com.apple.TrustEvaluationAgent (2.0 - 35) <F8489D0F-CB98-3077-A14C-246B23A3CEDD> /System/Library/PrivateFrameworks/TrustEvaluationAgent.framework/Versions/A/TrustEvaluationAgent

0x7fff32ca1000 - 0x7fff32da4fff libcrypto.44.dylib (56.40.4) <4FDD7D62-15A2-328F-A9B4-1D3CF719048E> /usr/lib/libcrypto.44.dylib

0x7fff32da5000 - 0x7fff32dd2fff libssl.46.dylib (56.40.4) <C516ED7A-78A0-3704-8E00-CCD04520EB9D> /usr/lib/libssl.46.dylib

0x7fff32dd3000 - 0x7fff32e2fff com.apple.DiskImagesFramework (595.40.1 - 595.40.1) <BD2EAE99-4370-3837-A31E-696E60A0ED75> /System/Library/PrivateFrameworks/DiskImages.framework/Versions/A/DiskImages

0x7fff32eba000 - 0x7fff32ec9fff com.apple.xpc.RemoteServiceDiscovery (1.0 - 2038.40.38) <7F2CB942-65FF-3A6B-AA1E-717BB18DEE80> /System/Library/PrivateFrameworks/RemoteServiceDiscovery.framework/Versions/A/RemoteServiceDiscovery

0x7fff32eca000 - 0x7fff32ee1fff com.apple.xpc.RemoteXPC (1.0 - 2038.40.38) <118A75E2-58FB-3E30-B0F0-064E42BD3A9B> /System/Library/PrivateFrameworks/RemoteXPC.framework/Versions/A/RemoteXPC

0x7fff32ee2000 - 0x7fff32f28fff com.apple.DataDetectorsNaturalLanguage (1.0 - 159.1) <5B487FAB-A7FE-35EE-A733-F89C56094841> /System/Library/PrivateFrameworks/DataDetectorsNaturalLanguage.framework/Versions/A/DataDetectorsNaturalLanguage

0x7fff32f29000 - 0x7fff32f2cfff com.apple.help (1.3.8 - 71) <FFC118DA-4302-3A44-B166-8810A045B492> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help

0x7fff32f2d000 - 0x7fff32f34fff com.apple.EFILogin (2.0 - 2) <4EE8F2C6-F75A-3545-93C7-9EC7DB7E4337> /System/Library/PrivateFrameworks/EFILogin.framework/Versions/A/EFILogin

0x7fff32f35000 - 0x7fff32f40fff libcsfde.dylib (554) <DB193672-8501-3F7B-BEB4-4F59C8887512> /usr/lib/libcsfde.dylib

0x7fff32f41000 - 0x7fff32fa6fff libcurl.4.dylib (121.40.2)
<5058A2E4-6D41-3951-BCAE-AA3F1391E9C1> /usr/lib/libcurl.4.dylib

0x7fff32fa7000 - 0x7fff32faefff com.apple.LoginUIKit (4.0 - 4.0)
<E5C4195B-FCDC-3045-9459-26259A47CEF0> /System/Library/
PrivateFrameworks/LoginUIKit.framework/Versions/A/Frameworks/
LoginUIKit.framework/Versions/A/LoginUIKit

0x7fff32faf000 - 0x7fff33012fff com.apple.AppSupport (1.0.0 - 29)
<9B6E149D-2ED2-3598-85BA-6B98303945D7> /System/Library/
PrivateFrameworks/AppSupport.framework/Versions/A/AppSupport

0x7fff3316a000 - 0x7fff3316afff com.apple.ApplicationServices (48 -
50) <BF6B5DC5-22AF-3926-8D21-7F4CFDB03644> /System/Library/
Frameworks/ApplicationServices.framework/Versions/A/ApplicationServices

0x7fff3316b000 - 0x7fff3316dfff com.apple.InternationalTextSearch
(1.0 - 1) <7469744E-1342-353D-B3A5-832B7D2E5A39> /System/Library/
PrivateFrameworks/InternationalTextSearch.framework/Versions/A/
InternationalTextSearch

0x7fff3316e000 - 0x7fff331dffff com.apple.ClassKit (1.2 - 146.1.11)
<8BCBFAA7-4AAC-3F71-8A37-C6AC4BF94DE6> /System/Library/
Frameworks/ClassKit.framework/Versions/A/ClassKit

0x7fff331e0000 - 0x7fff33325fff com.apple.AppleAccount (1.0 - 1.0)
<02F47C82-C925-327B-B1BA-00415C85A134> /System/Library/
PrivateFrameworks/AppleAccount.framework/Versions/A/AppleAccount

0x7fff33326000 - 0x7fff33365fff com.apple.AppleIDSSOAuthentication
(1.0 - 1) <BCDD8F95-6B60-3DBC-B8DF-8333601B40C9> /System/Library/
PrivateFrameworks/AppleIDSSOAuthentication.framework/Versions/A/
AppleIDSSOAuthentication

0x7fff33366000 - 0x7fff333bdfff com.apple.CorePrediction (1.0 - 1)
<1B480865-0608-339B-B2B9-B47CC02DC11A> /System/Library/
PrivateFrameworks/CorePrediction.framework/Versions/A/CorePrediction

0x7fff3346a000 - 0x7fff3346afff libHeimdalProxy.dylib (79)
<D67CF959-658D-3E1C-9900-5DC0A507D02A> /System/Library/
Frameworks/Kerberos.framework/Versions/A/Libraries/libHeimdalProxy.dylib

0x7fff3351d000 - 0x7fff3351dfff com.apple.audio.units.AudioUnit (1.14
- 1.14) <106AE4DA-6F73-393B-889D-5D048ECDDDE1> /System/Library/
Frameworks/AudioUnit.framework/Versions/A/AudioUnit

0x7fff33542000 - 0x7fff33584fff com.apple.StreamingZip (1.0 - 1)
<EA637C36-E29D-3332-9F15-821D32A3EA73> /System/Library/
PrivateFrameworks/StreamingZip.framework/Versions/A/StreamingZip

0x7fff33585000 - 0x7fff335a5fff com.apple.DuetActivityScheduler (1.0
- 1) <FBD64DA2-B72B-305C-A47E-05C1BF4262A5> /System/Library/
PrivateFrameworks/DuetActivityScheduler.framework/Versions/A/

DuetActivityScheduler

0x7fff335b9000 - 0x7fff335c6fff com.apple.IntentsFoundation (1.0 - 1)
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PrivateFrameworks/IntentsFoundation.framework/Versions/A/

IntentsFoundation

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Frameworks/PushKit.framework/Versions/A/PushKit

0x7fff335cd000 - 0x7fff33603fff com.apple.C2 (1.3 - 569)
<3A7AFD52-2823-3E0B-B6B7-3543DCB15B02> /System/Library/
PrivateFrameworks/C2.framework/Versions/A/C2

0x7fff33604000 - 0x7fff33635fff com.apple.QuickLookThumbnailing
(1.0 - 135) <F55E34A5-9B45-3B95-B61F-8B7F16763462> /System/Library/
Frameworks/QuickLookThumbnailing.framework/Versions/A/

QuickLookThumbnailing

0x7fff33636000 - 0x7fff33e43fff com.apple.vision.EspressoFramework
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Library/PrivateFrameworks/Espresso.framework/Versions/A/Espresso

0x7fff33e44000 - 0x7fff33e5bfff com.apple.ANEServices (4.51 - 4.51)
<A3787A57-C261-3CDE-92B1-5D40493303B3> /System/Library/
PrivateFrameworks/ANEServices.framework/Versions/A/ANEServices

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com.apple.proactive.support.ProactiveSupport (1.0 - 294.2) <36AA54B2-
C13D-3BA8-9E54-5658F3FE256E> /System/Library/PrivateFrameworks/
ProactiveSupport.framework/Versions/A/ProactiveSupport

0x7fff33ec5000 - 0x7fff33ecffff com.apple.corerecents (1.0 - 1)
<2CA641C2-52F5-3E1C-B632-5960610EC162> /System/Library/
PrivateFrameworks/CoreRecents.framework/Versions/A/CoreRecents

0x7fff33ed0000 - 0x7fff33f03fff com.apple.iCalendar (7.0 - 833)
<52729EB0-FB5D-3B4A-8FDB-235A54E37343> /System/Library/
PrivateFrameworks/iCalendar.framework/Versions/A/iCalendar

0x7fff33f04000 - 0x7fff33f76fff com.apple.CalendarFoundation (8.0 -
1178) <D94839A8-DEE9-3582-8769-EA86D8586C34> /System/Library/
PrivateFrameworks/CalendarFoundation.framework/Versions/A/

CalendarFoundation

0x7fff33f77000 - 0x7fff33f79fff com.apple.CoreDuetDebugLogging
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PrivateFrameworks/CoreDuetDebugLogging.framework/Versions/A/
CoreDuetDebugLogging

0x7fff33f7a000 - 0x7fff33f87fff com.apple.CoreDuetDaemonProtocol
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CoreDuetDaemonProtocol

0x7fff341a4000 - 0x7fff341f8fff com.apple.AOSAccounts (1.3.1 - 167)
<70B0A3B8-6949-31A9-AC5A-6FA1F572E6D9> /System/Library/

PrivateFrameworks/AOSAccounts.framework/Versions/A/AOSAccounts

0x7fff341f9000 - 0x7fff344bcfff com.apple.spotlight.index (10.7.0 -
2149.9) <504A625F-1553-3F96-B4C3-4E5D1C794BD6> /System/Library/

PrivateFrameworks/SpotlightIndex.framework/Versions/A/SpotlightIndex

0x7fff344d5000 - 0x7fff34525fff com.apple.ChunkingLibrary (334 -
334) <996DC3E2-CC2E-376D-9A31-2D5093C078C5> /System/Library/

PrivateFrameworks/ChunkingLibrary.framework/Versions/A/ChunkingLibrary

0x7fff3465d000 - 0x7fff346affff com.apple.CalDAV (8.0 - 795)
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PrivateFrameworks/CalDAV.framework/Versions/A/CalDAV

0x7fff346b0000 - 0x7fff3474efff com.apple.CoreSuggestions (1.0 -
1115.502.1) <9A7293D7-16ED-3467-A1C2-DBE3C88A5EA9> /System/
Library/PrivateFrameworks/CoreSuggestions.framework/Versions/A/

CoreSuggestions

0x7fff3474f000 - 0x7fff348e5fff com.apple.ical.EventKit (3.0 - 1414)
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Frameworks/EventKit.framework/Versions/A/EventKit

0x7fff348e6000 - 0x7fff34bbcfff com.apple.CalendarPersistence (8.0 -
1071) <053E9C4A-2492-399D-9515-A3DF0D64E558> /System/Library/
PrivateFrameworks/CalendarPersistence.framework/Versions/A/

CalendarPersistence

0x7fff34bbd000 - 0x7fff34be3fff com.apple.CalendarAgentLink (8.0 -
250) <565D8E2F-AB6A-3DFE-86E4-3ADFA366569D> /System/Library/
PrivateFrameworks/CalendarAgentLink.framework/Versions/A/

CalendarAgentLink

0x7fff34be4000 - 0x7fff34beefff com.apple.RTCReporting (11.66.4.1 -
11.66.4.1) <168DFBB1-B679-3B87-988E-F5431D5829C7> /System/Library/
PrivateFrameworks/RTCReporting.framework/Versions/A/RTCReporting

0x7fff34bef000 - 0x7fff34d92fff com.apple.WebKitLegacy (16610 -
16610.2.11.51.8) <D7FC9C8D-2879-3C77-83B4-440E858A174F> /System/
Library/Frameworks/WebKit.framework/Versions/A/Frameworks/

WebKitLegacy.framework/Versions/A/Frameworks/

WebKitLegacy.framework/Versions/A/WebKitLegacy

0x7fff34d93000 - 0x7fff34d95fff com.apple.ConstantClasses (1.0 - 1)
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PrivateFrameworks/ConstantClasses.framework/Versions/A/ConstantClasses

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A40F-73D755953297> /System/Library/PrivateFrameworks/
AppleNeuralEngine.framework/Versions/A/AppleNeuralEngine
0x7fff34e84000 - 0x7fff34eadfff com.apple.QTKit (1.0 - 5)
<1E077564-9DF2-3C9B-A3EB-5E3C2FF96404> /System/Library/
Frameworks/QTKit.framework/Versions/A/QTKit
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Frameworks/Cocoa.framework/Versions/A/Cocoa
0x7fff34f69000 - 0x7fff3533cfff com.apple.AppleMediaServices (1.0 -
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AppleMediaServices
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380) <50AF321B-3349-3285-A4E8-98FCEF3C1190> /System/Library/
PrivateFrameworks/DisplayServices.framework/Versions/A/DisplayServices
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(3815) <97908B15-8276-384F-A241-88D93A20F1A3> /System/Library/
PrivateFrameworks/WirelessDiagnostics.framework/Versions/A/Libraries/
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<495CAEC2-8B4F-3A68-82BF-1B9C0004D355> /usr/lib/libtidy.A.dylib
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0x7fff36335000 - 0x7fff36350fff com.apple.openscripting (1.7 - 190)
<EA384453-7A25-36CD-B6D5-FE58AB36334B> /System/Library/
Frameworks/Carbon.framework/Versions/A/Frameworks/
OpenScripting.framework/Versions/A/OpenScripting
0x7fff36351000 - 0x7fff36354fff com.apple.securityhi (9.0 - 55008)
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Frameworks/Carbon.framework/Versions/A/Frameworks/
SecurityHI.framework/Versions/A/SecurityHI

0x7fff36355000 - 0x7fff36358fff com.apple.ink.framework (10.15 - 227) <1C0F3697-754A-307E-83B4-2D133D80E7B3> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Ink.framework/Versions/A/Ink

0x7fff36359000 - 0x7fff3635cfff com.apple.CommonPanels (1.2.6 - 101) <50B28EBC-6852-3843-8BB6-93800D8EE7D6> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/CommonPanels.framework/Versions/A/CommonPanels

0x7fff3635d000 - 0x7fff36364fff com.apple.ImageCapture (1707 - 1707) <F8BA52A6-2076-3439-9F02-8EFABDFADC87> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/A/ImageCapture

0x7fff36365000 - 0x7fff37495fff com.apple.JavaScriptCore (16610 - 16610.2.11.51.8) <6EB4E7CB-EE31-3ED9-BD58-7FCDCEE0AC9B> /System/Library/Frameworks/JavaScriptCore.framework/Versions/A/JavaScriptCore

0x7fff37500000 - 0x7fff375e7fff com.apple.audio.AVFAudio (1.0 - 477.9) <1AFD3528-66BF-3FCF-A481-15F7B628ADCD> /System/Library/Frameworks/AVFoundation.framework/Versions/A/Frameworks/AVFAudio.framework/Versions/A/AVFAudio

0x7fff375e8000 - 0x7fff376fafff com.apple.AVFCapture (1.0 - 79.12.3) <5BD7D319-9C23-35D6-8EA4-D94C7BEB1ECF> /System/Library/PrivateFrameworks/AVFCapture.framework/Versions/A/AVFCapture

0x7fff376fb000 - 0x7fff3778ffff com.apple.Quagga (47 - 47) <2B629E94-DF44-36D8-8C42-50E276C1CCC9> /System/Library/PrivateFrameworks/Quagga.framework/Versions/A/Quagga

0x7fff37790000 - 0x7fff379dffff com.apple.CMCAudio (1.0 - 79.12.3) <C80CE0B5-29C9-3885-BDC7-6A0BCE75CA77> /System/Library/PrivateFrameworks/CMCAudio.framework/Versions/A/CMCAudio

0x7fff37d7c000 - 0x7fff37e2afff com.apple.accounts.AccountsDaemon (113 - 113) <7EEC68A1-5233-3D7E-8041-891F3B0E614F> /System/Library/PrivateFrameworks/AccountsDaemon.framework/Versions/A/AccountsDaemon

0x7fff37e2b000 - 0x7fff37e2dfff com.apple.OAuth (25 - 25) <E0D39ED7-BCF2-3C20-A946-B5A43B8B89EE> /System/Library/PrivateFrameworks/OAuth.framework/Versions/A/OAuth

0x7fff383c1000 - 0x7fff383ebfff com.apple.CloudServices (1.0 - 460.40.10) <00D0487E-494C-36F1-A4B7-9FC306F1E2A2> /System/Library/PrivateFrameworks/CloudServices.framework/Versions/A/CloudServices

0x7fff383ec000 - 0x7fff383fbfff com.apple.HID (1.0 - 1) <55060EE4-C501-348D-A4EA-03F8E2BE8F9B> /System/Library/PrivateFrameworks/HID.framework/Versions/A/HID

0x7fff383fc000 - 0x7fff38523fff com.apple.QuickLookUIFramework
(5.0 - 928) <221B9766-C7A7-3F3E-954D-569DC860F1EA> /System/Library/
Frameworks/Quartz.framework/Versions/A/Frameworks/
QuickLookUI.framework/Versions/A/QuickLookUI

0x7fff388f8000 - 0x7fff38982fff com.apple.coredav (1.0.1 - 889)
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0x7fff38983000 - 0x7fff389defff com.apple.ExchangeWebServices
(8.0 - 814) <10182BC2-5B44-30BE-B8BC-6AA1FFC3BCA9> /System/
Library/PrivateFrameworks/ExchangeWebServices.framework/Versions/A/
ExchangeWebServices

0x7fff389df000 - 0x7fff38a1afff com.apple.MediaServices (1.0 - 1)
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PrivateFrameworks/MediaServices.framework/Versions/A/MediaServices

0x7fff38aa6000 - 0x7fff38ad4fff com.apple.VirtualGarage (1.0 - 1)
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0x7fff38b10000 - 0x7fff38b10fff com.apple.marco (10.0 - 1000)
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PrivateFrameworks/Marco.framework/Versions/A/Marco

0x7fff38be9000 - 0x7fff38c5bfff com.apple.Contacts.ContactsUICore
(1.0 - 3419) <24FB8FED-7940-3DE3-AABD-28F4D96B875F> /System/
Library/PrivateFrameworks/ContactsUICore.framework/Versions/A/
ContactsUICore

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com.apple.contacts.ContactsAutocomplete (1.0 - 1152)
<4C73B895-22C5-30CA-86B9-CAE44945C3DC> /System/Library/
PrivateFrameworks/ContactsAutocomplete.framework/Versions/A/
ContactsAutocomplete

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PrivateFrameworks/KerberosHelper.framework/Versions/A/KerberosHelper

0x7fff38d54000 - 0x7fff38d98fff com.apple.ResponseKit (1.0 - 164)
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PrivateFrameworks/ResponseKit.framework/Versions/A/ResponseKit

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com.apple.proactive.support.ProactiveEventTracker (1.0 - 294.2)
<2D5B4FC1-3690-3018-B9F3-1C2592EDB9D6> /System/Library/
PrivateFrameworks/ProactiveEventTracker.framework/Versions/A/
ProactiveEventTracker

0x7fff391bf000 - 0x7fff391c2fff com.apple.OSAServicesClient (1.0 - 1)

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PrivateFrameworks/OSAServicesClient.framework/Versions/A/
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146.5) <08E3B50A-2F33-3582-8ED1-A43EAFE92B25> /System/Library/
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WebCore.framework/Versions/A/WebCore
0x7fff3b8a0000 - 0x7fff3ba5bfff libFosl_dynamic.dylib (200)
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libFosl_dynamic.dylib
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com.apple.quicklook.QuickLookSupport (1.0 - 135) <081A26D5-661A-3070-
B38C-2508903C53FD> /System/Library/PrivateFrameworks/
QuickLookSupport.framework/Versions/A/QuickLookSupport
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Frameworks/ExceptionHandling.framework/Versions/A/ExceptionHandling
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271) <47A826E5-8E5F-3B20-9131-58D9F94C58B6> /System/Library/
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Versions/A/Print
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2420.8.10.3.1) <BAC45304-936C-3CDB-9971-6E438B217814> /System/
Library/Frameworks/CoreMotion.framework/Versions/A/CoreMotion
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0x7fff3c991000 - 0x7fff3c9acfff com.apple.icloud.FindMyDevice (1.0 -
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<301E6496-255F-39F3-A92A-9C96FA2E600B> /System/Library/
PrivateFrameworks/CoreOptimization.framework/Versions/A/
CoreOptimization

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0x7fff3d108000 - 0x7fff3d11ffff com.apple.SafariServices.framework (16610 - 16610.2.11.51.8) <157FF466-50B8-3DA9-95E2-FDF161AAE581> /System/Library/Frameworks/SafariServices.framework/Versions/A/SafariServices

0x7fff3d2b5000 - 0x7fff3d2c0fff com.apple.MallocStackLogging (1.0 - 1) <F9CA682E-FCC0-371F-90EA-B5CE51ABF8AC> /System/Library/PrivateFrameworks/MallocStackLogging.framework/Versions/A/MallocStackLogging

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0x7fff3d478000 - 0x7fff3d6d7fff com.apple.imageKit (3.0 - 1099) <804E9A74-B0DF-3AD3-9D01-B7B3DC12ACFE> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/ImageKit.framework/Versions/A/ImageKit

0x7fff3d6d8000 - 0x7fff3d7f7fff com.apple.PencilKit (1.0 - 1) <A604DB50-E2D2-3A2D-AEDA-11FB556098C3> /System/Library/Frameworks/PencilKit.framework/Versions/A/PencilKit

0x7fff3d7f8000 - 0x7fff3d809fff com.apple.sidecar-ui (1.0 - 228) <05A81084-5FDE-3839-8AE1-B304938BE849> /System/Library/PrivateFrameworks/SidecarUI.framework/Versions/A/SidecarUI

0x7fff3d815000 - 0x7fff3d818fff com.apple.WebInspectorUI (16610 - 16610.2.11.51.8) <2DA5189B-3C89-3A58-B295-90AB21844F93> /System/Library/PrivateFrameworks/WebInspectorUI.framework/Versions/A/WebInspectorUI

0x7fff3da10000 - 0x7fff3db7cfff com.apple.SearchFoundation (1.0 - 386.0.5) <44DE4763-8816-3604-A6FC-2DB6B1E897E5> /System/Library/PrivateFrameworks/SearchFoundation.framework/Versions/A/SearchFoundation

0x7fff3ddc6000 - 0x7fff3de28fff com.apple.ImageCaptureCore (1707 - 1707) <B031EB94-9DD9-3EA9-9867-07E0CEBDA64C> /System/Library/Frameworks/ImageCaptureCore.framework/Versions/A/ImageCaptureCore

0x7fff3de29000 - 0x7fff3de4ffff com.apple.quartzfilters (1.10.0 - 97) <C8B9C6A8-51B1-3151-A027-C71750986632> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/

QuartzFilters.framework/Versions/A/QuartzFilters
0x7fff3de50000 - 0x7fff3de7cfff com.apple.IntlPreferences (2.0 - 330)
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383) <7E88F409-F7AA-3E52-AC5D-AA86D8AA16A8> /System/Library/
Frameworks/Quartz.framework/Versions/A/Frameworks/
QuartzComposer.framework/Versions/A/QuartzComposer
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IOAccelMemoryInfo
0x7fff40ab3000 - 0x7fff40ab6fff com.apple.quartzframework (1.5 - 25)
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vImage.framework/Versions/A/Libraries/libCGInterfaces.dylib
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- 1410.3) <D38297EA-053D-38C8-BE73-58DDD60CA203> /System/Library/
CoreServices/RawCamera.bundle/Contents/MacOS/RawCamera
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CloudPhotoServicesConfiguration.framework/Versions/A/
CloudPhotoServicesConfiguration
0x7fff4833d000 - 0x7fff4838cfff com.apple.iTunesLibrary (13.1.1 -
13.1.1) <9F1341F5-8207-3E90-A75D-B78808C33A8F> /System/Library/
Frameworks/iTunesLibrary.framework/Versions/A/iTunesLibrary

0x7fff4a3ec000 - 0x7fff4a3f3fff com.apple.PIP (1.0 - 109) <71F74D0B-E8F5-386D-B0B7-38978DC6EC61> /System/Library/PrivateFrameworks/PIP.framework/Versions/A/PIP

0x7fff4b7fb000 - 0x7fff4b7fefff com.apple.FinderSyncPriv (1.2 - 1350.1.1) <F0893C0A-334A-3AE8-9152-0614DF2D1017> /System/Library/PrivateFrameworks/FinderSyncPriv.framework/Versions/A/FinderSyncPriv

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0x7fff51241000 - 0x7fff512d2fff com.apple.Symbolication (12.2 - 64541.5.1) <640AAE2D-353D-3009-A7A2-55AE3F965398> /System/Library/PrivateFrameworks/Symbolication.framework/Versions/A/Symbolication

0x7fff56b23000 - 0x7fff56b8ffff com.apple.iLifeMediaBrowser (2.15.0 - 796) <2E2CF671-8CDB-3761-A44D-6981EE68CE53> /System/Library/PrivateFrameworks/iLifeMediaBrowser.framework/Versions/A/iLifeMediaBrowser

0x7fff5d927000 - 0x7fff5e32afff libSC.dylib (4.0.47) <A359A503-DFDB-3768-AF05-4027D993FABD> /System/Library/Extensions/AMDSHARED.bundle/Contents/PlugIns/libSC.dylib

0x7fff68f44000 - 0x7fff68f48fff libmetal_timestamp.dylib (31001.152) <A294D124-55AA-3C01-B873-225B5717923D> /System/Library/PrivateFrameworks/GPUCompiler.framework/Versions/31001/Libraries/libmetal_timestamp.dylib

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0x7fff6b3be000 - 0x7fff6b3cdfff com.apple.opengl (18.0.50 - 18.0.50) <245D7013-B161-397D-9989-500B639ECDF3> /System/Library/Frameworks/OpenGL.framework/Versions/A/OpenGL

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OpenGL.framework/Versions/A/Libraries/libGLU.dylib
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Frameworks/OpenGL.framework/Versions/A/Resources/GLEngine.bundle/
GLEngine
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Frameworks/OpenGL.framework/Versions/A/Resources/
GLRendererFloat.bundle/GLRendererFloat
0x7fff6ca21000 - 0x7fff6ca79fff com.apple.opengl (4.5 - 4.5)
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Frameworks/OpenCL.framework/Versions/A/OpenCL
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Frameworks/OpenCL.framework/Versions/A/Libraries/libclldcpuengine.dylib
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<095A72A1-8FD7-3C78-B840-9399258AB97D> /System/Library/
Extensions/AMDRadeonX6000GLDriver.bundle/Contents/MacOS/
ATIRadeonX6000SCLib.dylib
0x7fff6e2ff000 - 0x7fff6e312fff com.apple.ExternalAccessory (1.0.0 -
1.0) <7F70D373-890B-3CF8-A09C-AD2B46B78375> /System/Library/
Frameworks/ExternalAccessory.framework/ExternalAccessory
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PrivateFrameworks/LibraryRepair.framework/Versions/A/LibraryRepair
0x7fff73c89000 - 0x7fff73c94fff com.apple.SymptomAnalytics (1.0 -
1431.40.36) <0C3716C0-0874-3448-B56E-B238CF1AAD6D> /System/
Library/PrivateFrameworks/Symptoms.framework/Frameworks/
SymptomAnalytics.framework/Versions/A/SymptomAnalytics
0x7fff73eb2000 - 0x7fff73ecaaff com.apple.SymptomPresentationFeed

(1.0 - 1431.40.36) <1F4A2B20-8F17-3288-80E0-9BF955F2C687> /System/Library/PrivateFrameworks/Symptoms.framework/Frameworks/SymptomPresentationFeed.framework/Versions/A/SymptomPresentationFeed
 0x7fff7838b000 - 0x7fff78392fff libRosetta.dylib (203.1.3)
 <5EC28751-3BE8-3BB7-9DBE-305225CBD41B> /usr/lib/libRosetta.dylib
 0x7fff785fa000 - 0x7fff786e5fff libcrypto.0.9.8.dylib (80)
 <791C1D0E-2CDC-33D4-8604-693E0C230608> /usr/lib/libcrypto.0.9.8.dylib
 0x7fff78a9f000 - 0x7fff78af2fff libstdc++.6.dylib (104.1)
 <BE9B2912-5E8E-3145-8990-A3082183B3ED> /usr/lib/libstdc++.6.dylib

External Modification Summary:

Calls made by other processes targeting this process:

task_for_pid: 26
 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: 10838
 thread_create: 0
 thread_set_state: 0

VM Region Summary:

ReadOnly portion of Libraries: Total=996.7M resident=0K(0%)
 swapped_out_or_unallocated=996.7M(100%)
 Writable regions: Total=9.9G written=0K(0%) resident=0K(0%)
 swapped_out=0K(0%) unallocated=9.9G(100%)

VIRTUAL REGION		
REGION TYPE	SIZE	COUNT (non-coalesced)
=====	=====	=====
Accelerate framework	1280K	10
Activity Tracing	256K	1
CG backing stores	5760K	6
CG image	2196K	25
CG raster data	110.7M	3
CoreAnimation	1.7G	260
CoreGraphics	12K	2

CoreImage	168K	11		
CoreUI image data	1680K	15		
Foundation	55.3M	2		
Image IO	1396K	91		
JS JIT generated code	1.0G	3		
Kernel Alloc Once	8K	1		
MALLOC	5.1G	556		
MALLOC guard page	48K	9		
MALLOC_MEDIUM (reserved)	1.5G	16		reserved VM address
space (unallocated)				
MALLOC_NANO (reserved)	384.0M	1		reserved VM address
space (unallocated)				
OpenGL GLSL	256K	3		
RawCamera	57.1M	4		
SQLite page cache	64K	1		
STACK GUARD	56.1M	18		
Stack	39.1M	18		
VM_ALLOCATE	4992K	87		
WebKit Malloc	1128K	6		
__CTF	759	1		
__DATA	39.7M	583		
__DATA_CONST	32.3M	354		
__DATA_DIRTY	2186K	238		
__FONT_DATA	4K	1		
__GLSLBUILTINS	5176K	1		
__LINKEDIT	501.4M	86		
__OBJC_RO	61.0M	1		
__OBJC_RW	2468K	2		
__TEXT	495.6M	579		
__UNICODE	588K	1		
mapped file	374.7M	240		
shared memory	40K	4		
=====	=====	=====		
TOTAL	11.5G	3240		
TOTAL, minus reserved VM space	9.6G	3240		

Model: iMac20,1, BootROM 1554.50.3.0.0 (iBridge: 18.16.12561.0.0.0), 8 processors, 8-Core Intel Core i7, 3.8 GHz, 32 GB, SMC
Graphics: kHW_AMDRadeonPro5500XTItem, AMD Radeon Pro 5500 XT, spdisplays_pcie_device, 8 GB
Memory Module: Slot 1 (Channel A / DIMM 1), 8 GB, DDR4, 2667 MHz,

Micron, 8ATF1G64HZ-2G6E3

Memory Module: Slot 2 (Channel A / DIMM 0), 8 GB, DDR4, 2667 MHz,

Micron, 8ATF1G64HZ-2G6E3

Memory Module: Slot 3 (Channel B / DIMM 1), 8 GB, DDR4, 2667 MHz,

Micron, 8ATF1G64HZ-2G6E3

Memory Module: Slot 4 (Channel B / DIMM 0), 8 GB, DDR4, 2667 MHz,

Micron, 8ATF1G64HZ-2G6E3

AirPort: spairport_wireless_card_type_airport_extreme (0x14E4, 0x7BF), w10:

Sep 11 2020 17:01:15 version 9.30.440.2.32.5.61 FWID 01-1d69e4b4

Bluetooth: Version 8.0.1f5, 3 services, 27 devices, 1 incoming serial ports

Network Service: Wi-Fi, AirPort, en1

USB Device: USB 3.1 Bus

USB Device: Apple T2 Bus

USB Device: Headset

USB Device: Ambient Light Sensor

USB Device: FaceTime HD Camera (Built-in)

USB Device: Apple T2 Controller

Thunderbolt Bus: iMac, Apple Inc., 58.2