

Process: Final Cut Pro [582]
Path: /Volumes/VOLUME/Final Cut Pro.app/Contents/MacOS/Final
Cut Pro
Identifier: com.apple.FinalCut
Version: 10.3 (295518)
Build Info: ProEditor-29551008052000000~1
Code Type: X86-64 (Native)
Parent Process: ??? [1]
Responsible: Final Cut Pro [582]
User ID: 501

Date/Time: 2017-07-23 14:41:44.890 +0800
OS Version: Mac OS X 10.12.3 (16D32)
Report Version: 12
Anonymous UUID: 808B35A9-8657-5B91-A320-27F8D3553FCA

Time Awake Since Boot: 230 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:

[FFHGRendererInfo initWithLocation:] CGLSetVirtualScreen failed - didn't expect to get here. Investigate why this code ran: [FFHGRendererInfo initWithLocation:] CGLSetVirtualScreen failed: loc=1, ctxt=0x7f88e1547800, err=10008
-[FFRendererInfo initWithLocation:], /Library/Caches/com.apple.xbs/Sources/Flexo/Flexo-29546.4.52/framework/image/FFHGRendererManager.mm:341 abort() called

Application Specific Backtrace 1:

0 CoreFoundation 0x00007fff7878ce7b __exceptionPreprocess + 171
1 libobjc.A.dylib 0x00007fff8d36ccad objc_exception_throw + 48
2 CoreFoundation 0x00007fff7878cdc9 -[NSException raise] + 9
3 Flexo 0x00000000102447206 -[FFAssertionHandler handleFailureInMethod:object:file:lineNumber:description:] + 790
4 Flexo 0x0000000010246057b -[FFRendererInfo

```

initWithLocation:] + 587
5 Flexo 0x0000000010228d68e -[FFHGAsyncQueue
getContextPtrForLocation:] + 558
6 Flexo 0x0000000010228d9c1 __44-[FFHGAsyncQueue
ensureRendererForLocation:]_block_invoke + 65
7 libdispatch.dylib 0x00007fff8dc1a0b8 _dispatch_client_callout +
8
8 libdispatch.dylib 0x00007fff8dc1a075 dispatch_once_f + 38
9 Flexo 0x0000000010228d94f -[FFHGAsyncQueue
ensureRendererForLocation:] + 223
10 Flexo 0x000000001022b5fd5 +[FFPlayer initialize] + 2309
11 libobjc.A.dylib 0x00007fff8d36f324
CALLING_SOME_+initialize_METHOD + 19
12 libobjc.A.dylib 0x00007fff8d360189 _class_initialize + 579
13 libobjc.A.dylib 0x00007fff8d35fb4a lookUpImpOrForward + 179
14 libobjc.A.dylib 0x00007fff8d35f5d4 _objc_msgSend_uncached
+ 68
15 Flexo 0x000000001022dd237 -[FFContext
_notifyContextObservers:] + 311
16 Flexo 0x000000001022dde92 -[FFContext
setTime:rate:forSingleStreamSkimming:] + 482
17 Flexo 0x000000001022ddca1 -[FFContext setTime:rate:] +
49
18 Flexo 0x000000001026d22ec -
[FFAnchoredTimelineModule restoreViewPropertiesForRootItem:] + 2732
19 Flexo 0x000000001026d5c44 -
[FFAnchoredTimelineModule activeRootItemDidChange] + 788
20 Flexo 0x0000000010237313f -[FFEditorModule
pushRootItem:] + 879
21 Flexo 0x000000001026d5675 -
[FFAnchoredTimelineModule pushRootItem:] + 389
22 Final Cut Pro 0x0000000010196c827 -
[PEEditorContainerModule loadEditorForSequence:] + 727
23 Final Cut Pro 0x0000000010196c53d -
[PEEditorContainerModule loadEditorForLastOpenSequence] + 221
24 Final Cut Pro 0x0000000010197599b -
[PEEditorContainerModule documentWasAdded:] + 27
25 CoreFoundation 0x00007fff78718a6c
__CFNOTIFICATIONCENTER_IS_CALLING_OUT_TO_AN_OBSERVER__ + 12
26 CoreFoundation 0x00007fff7871896b _CFXRegistrationPost +
427
27 CoreFoundation 0x00007fff787186d2
__CFXNotificationPost_block_invoke + 50
28 CoreFoundation 0x00007fff786d5d63 -
[_CFXNotificationRegistrar find:object:observer:enumerator:] + 1827
29 CoreFoundation 0x00007fff786d4d9c _CFXNotificationPost +

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30 Foundation 0x00007fff7a0fba37 -[NSNotificationCenter
postNotificationName:object:userInfo:] + 66
31 LKDocumentController 0x000000010462c6ac -[LKDocumentController
addDocument:] + 92
32 PEGDocumentController 0x0000000101996bed -[PEGDocumentController
addDocument:] + 45
33 NSDocumentController 0x00007fff76787794 -[NSDocumentController
_finishOpeningDocument:andShowWindows:] + 26
34 NSDocumentController(NSDeprecated) 0x00007fff76792ec7 -
reopenDocumentForURL:withContentsOfURL:error:] + 228
35 PEGDocumentController 0x0000000101996909 -[PEGDocumentController
reopenDocumentForURL:withContentsOfURL:error:] + 73
36 FFWWorkspace 0x000000010323a5f3 -[FFWorkspace
restoreDocuments:urls:mustRestore:] + 387
37 FFWWorkspace 0x000000010323a8db -[FFWorkspace
restoreActiveDocuments:mustRestore:error:] + 347
38 PEAppController 0x00000001019a36cb -[PEAppController
restoreOpenDocuments] + 107
39 PEAppController 0x00000001019a481e __49-[PEAppController
applicationDidFinishLaunching:]_block_invoke + 30
40 PEAppController 0x00000001019a4972 -[PEAppController
appHasStartedProcessingBlock:] + 50
41 NSFireDelayedPerform 0x00007fff7a182628 __NSFireDelayedPerform +
417
42 CoreFoundation 0x00007fff7870c244
__CFRunLoopIS_CALLING_OUT_TO_A_TIMER_CALLBACK_FUNCTION__ + 20
43 CoreFoundation 0x00007fff7870becf __CFRunLoopDoTimer +
1071
44 CoreFoundation 0x00007fff7870ba2a __CFRunLoopDoTimers +
298
45 CoreFoundation 0x00007fff787033e1 __CFRunLoopRun +
2065
46 CoreFoundation 0x00007fff78702974 CFRunLoopRunSpecific
+ 420
47 HIToolbox 0x00007fff77c8ea5c
RunCurrentEventLoopInMode + 240
48 HIToolbox 0x00007fff77c8e891 ReceiveNextEventCommon
+ 432
49 HIToolbox 0x00007fff77c8e6c6
_BlockUntilNextEventMatchingListInModeWithFilter + 71
50 AppKit 0x00007fff762345b4 _DPSNextEvent + 1120
51 AppKit 0x00007fff769aed6b -[NSApplication(NSEvent)
_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 2789
52 AppKit 0x00007fff76228f35 -[NSApplication run] + 926

53	LunaKit	0x00000001045f5908 LKApplicationMain + 312
54	libdyld.dylib	0x00007fff8dc50255 start + 1
55	???	0x0000000000000001 0x0 + 1

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

0	libsystem_kernel.dylib	0x00007fff8dd7edd6 __pthread_kill + 10
1	libsystem_pthread.dylib	0x00007fff8de6a787 pthread_kill + 90
2	libsystem_c.dylib	0x00007fff8dce4420 abort + 129
3	com.apple.Flexo	0x0000000102dfc4c4 FFApplicationHandleExceptionThatShouldNotBelgnored + 452
4	com.apple.CoreFoundation	0x00007fff7880bd5a __handleUncaughtException + 746
5	libobjc.A.dylib	0x00007fff8d36ef15 _objc_terminate() + 94
6	libc++abi.dylib	0x00007fff8c861d69 std::__terminate(void (*)()) + 8
7	libc++abi.dylib	0x00007fff8c861de3 std::terminate() + 51
8	libdispatch.dylib	0x00007fff8dc1a0cc _dispatch_client_callout + 28
9	libdispatch.dylib	0x00007fff8dc1a075 dispatch_once_f + 38
10	com.apple.Flexo	0x000000010228d94f -[FFHGAsyncQueue ensureRendererForLocation:] + 223
11	com.apple.Flexo	0x00000001022b5fd5 +[FFPlayer initialize] + 2309
12	libobjc.A.dylib	0x00007fff8d36f324 CALLING_SOME_+initialize_METHOD + 19
13	libobjc.A.dylib	0x00007fff8d360189 _class_initialize + 579
14	libobjc.A.dylib	0x00007fff8d35fb4a lookupImpOrForward + 179
15	libobjc.A.dylib	0x00007fff8d35f5d4 _objc_msgSend_uncached + 68
16	com.apple.Flexo	0x00000001022dd237 -[FFContext _notifyContextObservers:] + 311
17	com.apple.Flexo	0x00000001022dde92 -[FFContext setTime:rate:forSingleStreamSkimming:] + 482
18	com.apple.Flexo	0x00000001022ddca1 -[FFContext setTime:rate:] + 49
19	com.apple.Flexo	0x00000001026d22ec - [FFAnchoredTimelineModule restoreViewPropertiesForRootItem:] + 2732
20	com.apple.Flexo	0x00000001026d5c44 - [FFAnchoredTimelineModule activeRootItemDidChange] + 788
21	com.apple.Flexo	0x000000010237313f -[FFEditorModule pushRootItem:] + 879
22	com.apple.Flexo	0x00000001026d5675 - [FFAnchoredTimelineModule pushRootItem:] + 389
23	com.apple.FinalCut	0x000000010196c827 - [PEEditorContainerModule loadEditorForSequence:] + 727
24	com.apple.FinalCut	0x000000010196c53d -

```

[PEEditorContainerModule loadEditorForLastOpenSequence] + 221
25 com.apple.FinalCut      0x000000010197599b -
[PEEditorContainerModule documentWasAdded:] + 27
26 com.apple.CoreFoundation 0x00007fff78718a6c
__CFNOTIFICATIONCENTER_IS_CALLING_OUT_TO_AN_OBSERVER__ + 12
27 com.apple.CoreFoundation 0x00007fff7871896b _CFXRegistrationPost
+ 427
28 com.apple.CoreFoundation 0x00007fff787186d2
__CFXNotificationPost_block_invoke + 50
29 com.apple.CoreFoundation 0x00007fff786d5d63 -
[_CFXNotificationRegistrar find:object:observer:enumerator:] + 1827
30 com.apple.CoreFoundation 0x00007fff786d4d9c _CFXNotificationPost
+ 604
31 com.apple.Foundation     0x00007fff7a0fba37 -[NSNotificationCenter
postNotificationName:object:userInfo:] + 66
32 com.apple.LunaKit        0x000000010462c6ac -
[LKDocumentController addDocument:] + 92
33 com.apple.FinalCut      0x0000000101996bed -
[PEDocumentController addDocument:] + 45
34 com.apple.AppKit         0x00007fff76787794 -
[NSDocumentController _finishOpeningDocument:andShowWindows:] + 26
35 com.apple.AppKit         0x00007fff76792ec7 -
[NSDocumentController(NSDeprecated)
reopenDocumentForURL:withContentsOfURL:error:] + 228
36 com.apple.FinalCut      0x0000000101996909 -
[PEDocumentController reopenDocumentForURL:withContentsOfURL:error:] +
73
37 com.apple.Flexo         0x000000010323a5f3 -[FFWorkspace
restoreDocuments:urls:mustRestore:] + 387
38 com.apple.Flexo         0x000000010323a8db -[FFWorkspace
restoreActiveDocuments:mustRestore:error:] + 347
39 com.apple.FinalCut      0x00000001019a36cb -[PEAppController
restoreOpenDocuments] + 107
40 com.apple.FinalCut      0x00000001019a481e __49-
[PEAppController applicationDidFinishLaunching:]_block_invoke + 30
41 com.apple.FinalCut      0x00000001019a4972 -[PEAppController
appHasStartedProcessingBlock:] + 50
42 com.apple.Foundation     0x00007fff7a182628
__NSFireDelayedPerform + 417
43 com.apple.CoreFoundation 0x00007fff7870c244
__CFRUNLOOP_IS_CALLING_OUT_TO_A_TIMER_CALLBACK_FUNCTION__ + 20
44 com.apple.CoreFoundation 0x00007fff7870becf __CFRunLoopDoTimer +
1071
45 com.apple.CoreFoundation 0x00007fff7870ba2a __CFRunLoopDoTimers
+ 298
46 com.apple.CoreFoundation 0x00007fff787033e1 __CFRunLoopRun +

```

2065

```
47 com.apple.CoreFoundation      0x00007fff78702974
CFRunLoopRunSpecific + 420
48 com.apple.HIToolbox           0x00007fff77c8ea5c
RunCurrentEventLoopInMode + 240
49 com.apple.HIToolbox           0x00007fff77c8e891
ReceiveNextEventCommon + 432
50 com.apple.HIToolbox           0x00007fff77c8e6c6
_BlockUntilNextEventMatchingListInModeWithFilter + 71
51 com.apple.AppKit              0x00007fff762345b4 _DPSNextEvent + 1120
52 com.apple.AppKit              0x00007fff769aed6b -
[NSApplication(NSEvent)
_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 2789
53 com.apple.AppKit              0x00007fff76228f35 -[NSApplication run] +
926
54 com.apple.LunaKit             0x00000001045f5908 LKApplicationMain +
312
55 libdyld.dylib                 0x00007fff8dc50255 start + 1
```

Thread 1:: Dispatch queue: NSOperationQueue 0x608000437480 ::

NSOperation 0x6180002504d0 (QOS: BACKGROUND)

```
0 libsystem_kernel.dylib         0x00007fff8dd7ec86 __psynch_cvwait + 10
1 libsystem_pthread.dylib        0x00007fff8de6896a _pthread_cond_wait +
712
2 com.apple.Foundation           0x00007fff7a127dcb -[NSCondition wait] +
240
3 com.apple.Foundation           0x00007fff7a126e88 -
[NSObject(NSThreadPerformAdditions)
performSelector:onThread:withObject:waitUntilDone:modes:] + 904
4 com.apple.Foundation           0x00007fff7a126a82 -
[NSObject(NSThreadPerformAdditions)
performSelectorOnMainThread:withObject:waitUntilDone:] + 131
5 com.apple.iLifeMediaBrowser    0x00007fff8c315f87 -[ILMediaManager
setRootMediaGroup:] + 304
6 com.apple.iLifeMediaBrowser    0x00007fff8c3149a2 -[ILMediaManager
_performLoadData] + 394
7 com.apple.iLifeMediaBrowser    0x00007fff8c314af3 -[ILMediaManager
_loadDataThreaded] + 209
8 com.apple.CoreFoundation       0x00007fff787003ec __invoking__ + 140
9 com.apple.CoreFoundation       0x00007fff78700271 -[NSInvocation invoke]
+ 289
10 com.apple.Foundation           0x00007fff7a1a81a4 -
[NSInvocationOperation main] + 34
11 com.apple.Foundation           0x00007fff7a1376e4 -
[__NSOperationInternal _start:] + 672
12 com.apple.Foundation           0x00007fff7a13359b __NSOQSchedule_f +
```

201

13	libdispatch.dylib	0x00007fff8dc1a0b8 _dispatch_client_callout + 8
14	libdispatch.dylib	0x00007fff8dc30ae5
	_dispatch_queue_serial_drain	+ 896
15	libdispatch.dylib	0x00007fff8dc22cd9 _dispatch_queue_invoke + 1046
16	libdispatch.dylib	0x00007fff8dc1be70 _dispatch_root_queue_drain + 476
17	libdispatch.dylib	0x00007fff8dc1bc47 _dispatch_worker_thread3 + 99
18	libsystem_pthread.dylib	0x00007fff8de67712 _pthread_wqthread + 1299
19	libsystem_pthread.dylib	0x00007fff8de671ed start_wqthread + 13

Thread 2:

0	libsystem_kernel.dylib	0x00007fff8dd7f4e2 __workq_kernreturn + 10
1	libsystem_pthread.dylib	0x00007fff8de67791 _pthread_wqthread + 1426
2	libsystem_pthread.dylib	0x00007fff8de671ed start_wqthread + 13

Thread 3:: com.apple.ProGL.object-deletion

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de6896a _pthread_cond_wait + 712
2	com.apple.progl.framework	0x0000000101cd1e15 (anonymous namespace)::threadFunc(void*) + 66
3	com.apple.procore.framework	0x0000000101b66a21 PCThread::startup(void*) + 29
4	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
5	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
6	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 4:

0	libsystem_kernel.dylib	0x00007fff8dd7f4e2 __workq_kernreturn + 10
1	libsystem_pthread.dylib	0x00007fff8de67791 _pthread_wqthread + 1426
2	libsystem_pthread.dylib	0x00007fff8de671ed start_wqthread + 13

Thread 5:

0	libsystem_kernel.dylib	0x00007fff8dd7f4e2 __workq_kernreturn + 10
1	libsystem_pthread.dylib	0x00007fff8de675fe _pthread_wqthread + 1023
2	libsystem_pthread.dylib	0x00007fff8de671ed start_wqthread + 13

Thread 6:: MIO Mounting Thread

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de689a3 _pthread_cond_wait + 769
2	com.apple.Foundation	0x00007fff7a174d8a -[NSCondition waitUntilDate:] + 335
3	com.apple.Foundation	0x00007fff7a174bf6 -[NSConditionLock lockWhenCondition:beforeDate:] + 232
4	com.apple.proapps.MIO	0x00000001041012bd -[PluginLockPair scanPaths] + 365
5	com.apple.Foundation	0x00007fff7a127c6d __NSThread__start__ + 1243
6	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
7	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
8	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 7:: MIO Mounting Thread

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de689a3 _pthread_cond_wait + 769
2	com.apple.Foundation	0x00007fff7a174d8a -[NSCondition waitUntilDate:] + 335
3	com.apple.Foundation	0x00007fff7a174bf6 -[NSConditionLock lockWhenCondition:beforeDate:] + 232
4	com.apple.proapps.MIO	0x00000001041012bd -[PluginLockPair scanPaths] + 365
5	com.apple.Foundation	0x00007fff7a127c6d __NSThread__start__ + 1243
6	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
7	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
8	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 8:: MIO Mounting Thread

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de689a3 _pthread_cond_wait + 769
2	com.apple.Foundation	0x00007fff7a174d8a -[NSCondition waitUntilDate:] + 335
3	com.apple.Foundation	0x00007fff7a174bf6 -[NSConditionLock lockWhenCondition:beforeDate:] + 232
4	com.apple.proapps.MIO	0x00000001041012bd -[PluginLockPair scanPaths] + 365
5	com.apple.Foundation	0x00007fff7a127c6d __NSThread__start__ + 1243
6	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180

7	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
8	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 9:: MIO Mounting Thread

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de689a3 _pthread_cond_wait + 769
2	com.apple.Foundation	0x00007fff7a174d8a -[NSCondition waitUntilDate:] + 335
3	com.apple.Foundation	0x00007fff7a174bf6 -[NSConditionLock lockWhenCondition:beforeDate:] + 232
4	com.apple.proapps.MIO	0x000000001041012bd -[PluginLockPair scanPaths] + 365
5	com.apple.Foundation	0x00007fff7a127c6d __NSThread__start__ + 1243
6	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
7	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
8	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 10:: MIO Mounting Thread

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de689a3 _pthread_cond_wait + 769
2	com.apple.Foundation	0x00007fff7a174d8a -[NSCondition waitUntilDate:] + 335
3	com.apple.Foundation	0x00007fff7a174bf6 -[NSConditionLock lockWhenCondition:beforeDate:] + 232
4	com.apple.proapps.MIO	0x000000001041012bd -[PluginLockPair scanPaths] + 365
5	com.apple.Foundation	0x00007fff7a127c6d __NSThread__start__ + 1243
6	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
7	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
8	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 11:: MIO Mounting Thread

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de689a3 _pthread_cond_wait + 769
2	com.apple.Foundation	0x00007fff7a174d8a -[NSCondition waitUntilDate:] + 335
3	com.apple.Foundation	0x00007fff7a174bf6 -[NSConditionLock lockWhenCondition:beforeDate:] + 232
4	com.apple.proapps.MIO	0x000000001041012bd -[PluginLockPair scanPaths] + 365
5	com.apple.Foundation	0x00007fff7a127c6d __NSThread__start__ + 1243

1243

6	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
7	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
8	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 12:: MIO Mounting Thread

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de689a3 _pthread_cond_wait + 769
2	com.apple.Foundation	0x00007fff7a174d8a -[NSCondition waitUntilDate:] + 335
3	com.apple.Foundation	0x00007fff7a174bf6 -[NSConditionLock lockWhenCondition:beforeDate:] + 232
4	com.apple.proapps.MIO	0x00000001041012bd -[PluginLockPair scanPaths] + 365
5	com.apple.Foundation	0x00007fff7a127c6d __NSThread__start__ + 1243
6	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
7	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
8	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 13:: MIO Mounting Thread

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de689a3 _pthread_cond_wait + 769
2	com.apple.Foundation	0x00007fff7a174d8a -[NSCondition waitUntilDate:] + 335
3	com.apple.Foundation	0x00007fff7a174bf6 -[NSConditionLock lockWhenCondition:beforeDate:] + 232
4	com.apple.proapps.MIO	0x00000001041012bd -[PluginLockPair scanPaths] + 365
5	com.apple.Foundation	0x00007fff7a127c6d __NSThread__start__ + 1243
6	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
7	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
8	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 14:: com.apple.dvdplayback-DDPTask

0	libsystem_kernel.dylib	0x00007fff8dd773c6 semaphore_wait_trap + 10
1	com.apple.AVCHDPlugin	0x00000001284ee197 semaphore_wait(viona_semaphore_t*) + 39
2	com.apple.AVCHDPlugin	0x00000001284f9ca0 WinPortServer::ProcessMessages() + 128
3	com.apple.AVCHDPlugin	0x00000001284a8ec8 0x128445000 + 409288

4 com.apple.AVCHDPlugin 0x00000001284ee762
ST20Thread::Run(PThreadRunParams*) + 34
5 libsystem_pthread.dylib 0x00007fff8de6b04e
_pthread_suspended_body + 176

Thread 15:: CVDisplayLink

0 libsystem_kernel.dylib 0x00007fff8dd7ec86 __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x00007fff8de6896a _pthread_cond_wait +
712
2 com.apple.CoreVideo 0x00007fff79dc2bcc
CVDisplayLink::runIOThread() + 694
3 libsystem_pthread.dylib 0x00007fff8de67aab _pthread_body + 180
4 libsystem_pthread.dylib 0x00007fff8de679f7 _pthread_start + 286
5 libsystem_pthread.dylib 0x00007fff8de671fd thread_start + 13

Thread 16:: com.apple.NSEventThread

0 libsystem_kernel.dylib 0x00007fff8dd7738a mach_msg_trap + 10
1 libsystem_kernel.dylib 0x00007fff8dd767d7 mach_msg + 55
2 com.apple.CoreFoundation 0x00007fff78703c94
__CFRunLoopServiceMachPort + 212
3 com.apple.CoreFoundation 0x00007fff78703121 __CFRunLoopRun +
1361
4 com.apple.CoreFoundation 0x00007fff78702974
CFRunLoopRunSpecific + 420
5 com.apple.AppKit 0x00007fff76381a62 _NSEventThread + 205
6 libsystem_pthread.dylib 0x00007fff8de67aab _pthread_body + 180
7 libsystem_pthread.dylib 0x00007fff8de679f7 _pthread_start + 286
8 libsystem_pthread.dylib 0x00007fff8de671fd thread_start + 13

Thread 17:

0 libsystem_kernel.dylib 0x00007fff8dd7f4e2 __workq_kernreturn +
10
1 libsystem_pthread.dylib 0x00007fff8de67791 _pthread_wqthread +
1426
2 libsystem_pthread.dylib 0x00007fff8de671ed start_wqthread + 13

Thread 18:

0 libsystem_kernel.dylib 0x00007fff8dd7f4e2 __workq_kernreturn +
10
1 libsystem_pthread.dylib 0x00007fff8de67791 _pthread_wqthread +
1426
2 libsystem_pthread.dylib 0x00007fff8de671ed start_wqthread + 13

Thread 19:

0 libsystem_kernel.dylib 0x00007fff8dd7f4e2 __workq_kernreturn +
10

1	libsystem_pthread.dylib	0x00007fff8de67791	_pthread_wqthread +
1426			
2	libsystem_pthread.dylib	0x00007fff8de671ed	start_wqthread + 13

Thread 20:

0	libsystem_kernel.dylib	0x00007fff8dd7f4e2	__workq_kernreturn +
10			
1	libsystem_pthread.dylib	0x00007fff8de67791	_pthread_wqthread +
1426			
2	libsystem_pthread.dylib	0x00007fff8de671ed	start_wqthread + 13

Thread 21:

0	libsystem_kernel.dylib	0x00007fff8dd7f4e2	__workq_kernreturn +
10			
1	libsystem_pthread.dylib	0x00007fff8de67791	_pthread_wqthread +
1426			
2	libsystem_pthread.dylib	0x00007fff8de671ed	start_wqthread + 13

Thread 22:

0	libsystem_kernel.dylib	0x00007fff8dd7f4e2	__workq_kernreturn +
10			
1	libsystem_pthread.dylib	0x00007fff8de67791	_pthread_wqthread +
1426			
2	libsystem_pthread.dylib	0x00007fff8de671ed	start_wqthread + 13

Thread 23:

0	libsystem_kernel.dylib	0x00007fff8dd7f4e2	__workq_kernreturn +
10			
1	libsystem_pthread.dylib	0x00007fff8de675fe	_pthread_wqthread +
1023			
2	libsystem_pthread.dylib	0x00007fff8de671ed	start_wqthread + 13

Thread 24:

0	libsystem_kernel.dylib	0x00007fff8dd7f4e2	__workq_kernreturn +
10			
1	libsystem_pthread.dylib	0x00007fff8de67791	_pthread_wqthread +
1426			
2	libsystem_pthread.dylib	0x00007fff8de671ed	start_wqthread + 13

Thread 25:

0	libsystem_kernel.dylib	0x00007fff8dd7f4e2	__workq_kernreturn +
10			
1	libsystem_pthread.dylib	0x00007fff8de67791	_pthread_wqthread +
1426			
2	libsystem_pthread.dylib	0x00007fff8de671ed	start_wqthread + 13

Thread 26:

0	libsystem_kernel.dylib	0x00007fff8dd7f4e2	__workq_kernreturn + 10
1	libsystem_pthread.dylib	0x00007fff8de67791	_pthread_wqthread + 1426
2	libsystem_pthread.dylib	0x00007fff8de671ed	start_wqthread + 13

Thread 27:: Dispatch queue: NSCGSDisableUpdates

0	libsystem_kernel.dylib	0x00007fff8dd7738a	mach_msg_trap + 10
1	libsystem_kernel.dylib	0x00007fff8dd767d7	mach_msg + 55
2	com.apple.SkyLight	0x00007fff89f5e3b9	_CGSReenableUpdateForConnectionSync + 99
3	com.apple.SkyLight	0x00007fff8a157c98	CGSUpdateManager::enable_update(unsigned long long) + 532
4	libdispatch.dylib	0x00007fff8dc22ef7	_dispatch_call_block_and_release + 12
5	libdispatch.dylib	0x00007fff8dc1a0b8	_dispatch_client_callout + 8
6	libdispatch.dylib	0x00007fff8dc30ae5	_dispatch_queue_serial_drain + 896
7	libdispatch.dylib	0x00007fff8dc22cd9	_dispatch_queue_invoke + 1046
8	libdispatch.dylib	0x00007fff8dc290f0	_dispatch_queue_override_invoke + 369
9	libdispatch.dylib	0x00007fff8dc1be70	_dispatch_root_queue_drain + 476
10	libdispatch.dylib	0x00007fff8dc1bc47	_dispatch_worker_thread3 + 99
11	libsystem_pthread.dylib	0x00007fff8de67712	_pthread_wqthread + 1299
12	libsystem_pthread.dylib	0x00007fff8de671ed	start_wqthread + 13

Thread 28:

0	libsystem_kernel.dylib	0x00007fff8dd7f4e2	__workq_kernreturn + 10
1	libsystem_pthread.dylib	0x00007fff8de67791	_pthread_wqthread + 1426
2	libsystem_pthread.dylib	0x00007fff8de671ed	start_wqthread + 13

Thread 29:: com.apple.appkit-heartbeat

0	libsystem_kernel.dylib	0x00007fff8dd7efda	__semwait_signal + 10
1	libsystem_c.dylib	0x00007fff8dd05b72	nanosleep + 199
2	libsystem_c.dylib	0x00007fff8dd05a66	usleep + 54
3	com.apple.AppKit	0x00007fff764fe29a	-[NSUIHeartBeat _heartbeatThread:] + 2696
4	com.apple.Foundation	0x00007fff7a127c6d	__NSThread__start__ + 1243

5	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
6	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
7	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 30:: com.apple.helium-texture-finish

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de6896a _pthread_cond_wait + 712
2	com.apple.Helium.HeliumRender	0x000000001062f5c3a TextureDeleteQueue::threadLoop() + 266
3	com.apple.Helium.HeliumRender	0x000000001062f561d textureFinishThread(void*) + 29
4	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
5	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
6	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 31:: com.apple.helium.rq.gpu-ru0.vs0

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de6896a _pthread_cond_wait + 712
2	com.apple.Helium.HeliumRender	0x0000000010634fe33 HGSynchronizable::Wait() + 51
3	com.apple.Helium.HeliumRender	0x00000000106277859 HGRenderQueue::GetRenderJob(HGRenderExecUnit*, HGRenderJob**) + 441
4	com.apple.Helium.HeliumRender	0x0000000010626c87b HGRenderExecUnit::RunLoop() + 267
5	com.apple.Helium.HeliumRender	0x0000000010626c75e StartRenderExecUnitFunc(void*) + 14
6	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
7	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286
8	libsystem_pthread.dylib	0x00007fff8de671fd thread_start + 13

Thread 32:: com.apple.helium.rq.gpu-ru1.vs0

0	libsystem_kernel.dylib	0x00007fff8dd7ec86 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff8de6896a _pthread_cond_wait + 712
2	com.apple.Helium.HeliumRender	0x0000000010634fe33 HGSynchronizable::Wait() + 51
3	com.apple.Helium.HeliumRender	0x00000000106277859 HGRenderQueue::GetRenderJob(HGRenderExecUnit*, HGRenderJob**) + 441
4	com.apple.Helium.HeliumRender	0x0000000010626c87b HGRenderExecUnit::RunLoop() + 267
5	com.apple.Helium.HeliumRender	0x0000000010626c75e StartRenderExecUnitFunc(void*) + 14
6	libsystem_pthread.dylib	0x00007fff8de67aab _pthread_body + 180
7	libsystem_pthread.dylib	0x00007fff8de679f7 _pthread_start + 286

8 libsystem_pthread.dylib 0x00007fff8de671fd thread_start + 13

Thread 33:: com.apple.helium.rq.gpu-cu2.vs0

0 libsystem_kernel.dylib 0x00007fff8dd7ec86 __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x00007fff8de6896a _pthread_cond_wait +
712
2 com.apple.Helium.HeliumRender 0x0000000010634fe33
HGSynchronizable::Wait() + 51
3 com.apple.Helium.HeliumRender 0x00000000106277859
HGRenderQueue::GetRenderJob(HGRenderExecUnit*, HGRenderJob**) + 441
4 com.apple.Helium.HeliumRender 0x0000000010626c87b
HGRenderExecUnit::RunLoop() + 267
5 com.apple.Helium.HeliumRender 0x0000000010626c75e
StartRenderExecUnitFunc(void*) + 14
6 libsystem_pthread.dylib 0x00007fff8de67aab _pthread_body + 180
7 libsystem_pthread.dylib 0x00007fff8de679f7 _pthread_start + 286
8 libsystem_pthread.dylib 0x00007fff8de671fd thread_start + 13

Thread 34:: com.apple.helium.rq.pbo-rbu0.vs0

0 libsystem_kernel.dylib 0x00007fff8dd7ec86 __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x00007fff8de6896a _pthread_cond_wait +
712
2 com.apple.Helium.HeliumRender 0x0000000010634fe33
HGSynchronizable::Wait() + 51
3 com.apple.Helium.HeliumRender 0x00000000106279bc0
HGRenderQueue::GetPBOReadbackJob(HGPBOReadbackExecUnit*,
HGPBOReadbackJob**) + 80
4 com.apple.Helium.HeliumRender 0x0000000010626ba1b
HGPBOReadbackExecUnit::RunLoop() + 171
5 com.apple.Helium.HeliumRender 0x0000000010626b95e
StartPBOExecUnitFunc(void*) + 14
6 libsystem_pthread.dylib 0x00007fff8de67aab _pthread_body + 180
7 libsystem_pthread.dylib 0x00007fff8de679f7 _pthread_start + 286
8 libsystem_pthread.dylib 0x00007fff8de671fd thread_start + 13

Thread 35:: com.apple.helium.rq.pbo-rbu1.vs0

0 libsystem_kernel.dylib 0x00007fff8dd7ec86 __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x00007fff8de6896a _pthread_cond_wait +
712
2 com.apple.Helium.HeliumRender 0x0000000010634fe33
HGSynchronizable::Wait() + 51
3 com.apple.Helium.HeliumRender 0x00000000106279bc0
HGRenderQueue::GetPBOReadbackJob(HGPBOReadbackExecUnit*,
HGPBOReadbackJob**) + 80
4 com.apple.Helium.HeliumRender 0x0000000010626ba1b
HGPBOReadbackExecUnit::RunLoop() + 171

```
5  com.apple.Helium.HeliumRender    0x0000000010626b95e
StartPBOExecUnitFunc(void*) + 14
6  libsystem_pthread.dylib           0x00007fff8de67aab _pthread_body + 180
7  libsystem_pthread.dylib           0x00007fff8de679f7 _pthread_start + 286
8  libsystem_pthread.dylib           0x00007fff8de671fd thread_start + 13
```

Thread 36:: com.apple.helium.rq.pbo-rbu2.vs0

```
0  libsystem_kernel.dylib             0x00007fff8dd7ec86 __psynch_cvwait + 10
1  libsystem_pthread.dylib           0x00007fff8de6896a _pthread_cond_wait +
712
2  com.apple.Helium.HeliumRender    0x0000000010634fe33
HGSynchronizable::Wait() + 51
3  com.apple.Helium.HeliumRender    0x00000000106279bc0
HGRenderQueue::GetPBOReadbackJob(HGPBOReadbackExecUnit*,
HGPBOReadbackJob**) + 80
4  com.apple.Helium.HeliumRender    0x0000000010626ba1b
HGPBOReadbackExecUnit::RunLoop() + 171
5  com.apple.Helium.HeliumRender    0x0000000010626b95e
StartPBOExecUnitFunc(void*) + 14
6  libsystem_pthread.dylib           0x00007fff8de67aab _pthread_body + 180
7  libsystem_pthread.dylib           0x00007fff8de679f7 _pthread_start + 286
8  libsystem_pthread.dylib           0x00007fff8de671fd thread_start + 13
```

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

```
rax: 0x0000000000000000 rbx: 0x0000000000000006 rcx:
0x00007fff5e298768 rdx: 0x0000000000000000
rdi: 0x00000000000000307 rsi: 0x0000000000000006 rbp:
0x00007fff5e298790 rsp: 0x00007fff5e298768
r8: 0x00000000008000100 r9: 0x0000000000000000 r10:
0x00000000008000000 r11: 0x00000000000000206
r12: 0x00007fff934cac20 r13: 0x00007f88e1543800 r14:
0x00007fff96a983c0 r15: 0x00007f88e61c33c0
rip: 0x00007fff8dd7edd6 rfi: 0x00000000000000206 cr2:
0x00007fff96a7a128
```

Logical CPU: 0

Error Code: 0x02000148

Trap Number: 133

Binary Images:

```
0x101963000 - 0x101a2eff7 com.apple.FinalCut (10.3 - 295518)
<D2F5E798-DE2F-3490-8EE4-F92846894923> /Volumes/VOLUME/Final Cut
Pro.app/Contents/MacOS/Final Cut Pro
0x101ada000 - 0x101b14fff com.apple.iTunesLibrary (12.6.1 - 12.6.1)
<7177ADCD-124C-3E30-947E-B7AE8D0BA54B> /Library/Frameworks/
```


iTunesLibrary.framework/Versions/A/iTunesLibrary

0x101b3f000 - 0x101c38fff com.apple.procore.framework (4.0.2 - 29450.7.52) <68163EF6-1A78-38B8-ABE4-96EA97DD4C4C> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/ProCore.framework/Versions/A/ProCore

0x101cc4000 - 0x101cf2ff7 com.apple.progl.framework (1.0 - 29400.0.52) <F95B2FB0-54A3-3675-9EFF-6FE43B597B3B> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/ProGL.framework/Versions/A/ProGL

0x101d2a000 - 0x101d2afff com.apple.Helium (3.1.0 - 29503.7.52) <AAB49853-AD14-3BF5-9501-579D168DDCCB> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/Helium.framework/Versions/A/Helium

0x101d2f000 - 0x101d31ff7 com.apple.Helium.HeliumSensio (2.0.2 - 29503.7.52) <7668C902-9759-380E-819E-3A66D72D7E7A> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/Helium.framework/Versions/A/Frameworks/HeliumSensio.framework/Versions/A/HeliumSensio

0x101d4e000 - 0x101d8b267 dyld (421.2) <947FC440-80F9-32F7-A773-6FC418FE1AB7> /usr/lib/dyld

0x101dd9000 - 0x101e70ff7 com.apple.CoreMedia.ProAppsSupport (1.0 - 1562.19.1) <636A9434-72EE-37AA-B286-CA2379282497> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/CoreMedia.framework/Versions/A/CoreMedia

0x101ebf000 - 0x1020c4ff7 com.apple.prokit (8.0 - 5063.7) <CD3DC64D-238A-3921-9DE8-D07D76372D97> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/ProKit.framework/Versions/A/ProKit

0x102244000 - 0x103672ff7 com.apple.Flexo (1.0.0 - 29546.4.52) <385EEAAE-4C52-35ED-8868-7749E720FC33> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/Flexo.framework/Versions/A/Flexo

0x1040ce000 - 0x104184fff com.apple.proapps.MIO (2.0 - 29336.5.52) <F270D537-A979-3AD1-A874-9449A171E5C9> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/MIO.framework/Versions/A/MIO

0x1041ff000 - 0x104236fff com.apple.pro.sharedstudio (1.0 - 29313.3.52) <29C5941C-6E3D-35B6-9C92-BF4356247B77> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/StudioSharedResources.framework/Versions/A/StudioSharedResources

0x104290000 - 0x10443cff7 com.apple.TLKit (1.0 - 29526.2.52) <EC34D1AD-85F7-3FC4-8307-BCFB0E4D3EDC> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/TLKit.framework/Versions/A/TLKit

0x104538000 - 0x1046aeff7 com.apple.LunaKit (1.0 - 29522.0.52) <C853B601-C2DA-3557-AE1F-50CF59F0C7D7> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/LunaKit.framework/Versions/A/LunaKit

0x104843000 - 0x104954ff7 com.apple.ProAppsFxSupport (4.0.0 - 29341.5.52) <478F0B3D-EE75-3285-A9D1-9782A328B6B2> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/ProAppsFxSupport.framework/Versions/A/ProAppsFxSupport

0x104bc7000 - 0x104ccbff7 com.apple.prochannel.framework (4.0.2 - 29264.9.52) <9A2E7CBE-602A-32B8-8489-151ED5AE2800> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/ProChannel.framework/Versions/A/ProChannel

0x104dd1000 - 0x104de5fff com.apple.PluginManager (1.7.4 - 29212.7.52) <E3B9AB53-1955-3AFC-A95C-A011E0498912> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/PluginManager.framework/Versions/B/PluginManager

0x104df9000 - 0x104e17ff7 com.apple.DeepSkyLite (0.6 - 29409.1.52) <88A583C6-78D8-3794-9592-E02E46A92EB7> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/Flexo.framework/Versions/A/Frameworks/DeepSkyLite.framework/Versions/A/DeepSkyLite

0x104e31000 - 0x10518fffb com.apple.VideoToolbox.ProAppsSupport (1.0 - 1562.19.1) <5669DCF8-EA8B-3E23-8177-03563BF75C91> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/VideoToolbox.framework/Versions/A/VideoToolbox

0x1051e0000 - 0x1056c5fff com.apple.MediaToolbox.ProAppsSupport (1.0 - 1562.19.1) <426D3706-CC05-3717-93AB-05C7BAEBF0C6> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/MediaToolbox.framework/Versions/A/MediaToolbox

0x10579f000 - 0x10580cff7 com.apple.proinspector.framework (4.0.2 - 29316.2.52) <DE5BA380-200E-329B-B2E5-3AC0C7F25EA1> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/ProInspector.framework/Versions/A/ProInspector

0x105873000 - 0x1058cfff7 com.apple.audio.CoreAudioKit (1.6.6 - 1.6.6) <5440B95E-0391-32BA-8C2B-6568553F72E7> /System/Library/Frameworks/CoreAudioKit.framework/Versions/A/CoreAudioKit

0x105915000 - 0x10596eff7 com.apple.proshapes.framework (1.0 - 29483.7.52) <6D953236-20DA-3168-8076-43FF961B2C61> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/ProShapes.framework/Versions/A/ProShapes

0x1059b0000 - 0x105abdfff com.apple.proosc.framework (3.1.0 - 29313.3.52) <444D5393-01D2-3896-8234-F16D002E5D81> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/ProOSC.framework/Versions/A/ProOSC

0x105b29000 - 0x105f56ff7 com.apple.vision.FaceCoreEmbedded (3.2.2 - 3.2.2) <013ECC7B-23B0-3FD7-A05B-351AF5B9370B> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/Flexo.framework/Versions/A/Frameworks/FaceCoreEmbedded.framework/Versions/A/FaceCoreEmbedded

0x10617b000 - 0x1061e4ff7 com.apple.procurveeditor.framework (3.1.0 - 29421.9.52) <2BEA47B5-0F1C-3E32-8CDD-D5DF56982813> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/ProCurveEditor.framework/Versions/A/ProCurveEditor

0x10622f000 - 0x106241ff7 com.apple.TLKEventDispatcher (1.0 - 29526.2.52) <31A629B8-C0E5-3C06-82C8-84C62802CC7C> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/

TLKEventDispatcher.framework/Versions/A/TLKEventDispatcher
0x106254000 - 0x1065f1ff7 com.apple.Helium.HeliumRender (2.1.0 - 29503.7.52) <A150DEFB-0AA4-3E1E-93E7-AFCC6E05EF81> /Volumes/
VOLUME/Final Cut Pro.app/Contents/Frameworks/Helium.framework/Versions/
A/Frameworks/HeliumRender.framework/Versions/A/HeliumRender
0x1066e4000 - 0x10683dfff com.apple.Helium.HeliumFilters (2.1.0 - 29503.7.52) <294146E6-9CAD-328D-A520-F5B97418CE38> /Volumes/
VOLUME/Final Cut Pro.app/Contents/Frameworks/Helium.framework/Versions/
A/Frameworks/HeliumFilters.framework/Versions/A/HeliumFilters
0x106bbb000 - 0x106e23fff com.apple.Helium.HeliumSensoryCore
(2.0.2 - 29503.7.52) <8F618A56-ED58-3F3D-AF9E-35AEBC3F7250> /
Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/Helium.framework/
Versions/A/Frameworks/HeliumSensoryCore.framework/Versions/A/
HeliumSensoryCore
0x106ea5000 - 0x106ee2ff7 com.apple.Helium.HeliumSensoryCore2
(2.0.2 - 29503.7.52) <C4FBC3D2-A25A-3C92-ACA1-378E509DB4F9> /
Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/Helium.framework/
Versions/A/Frameworks/HeliumSensoryCore2.framework/Versions/A/
HeliumSensoryCore2
0x106f09000 - 0x106f47ff7 com.apple.audio.midi.CoreMIDI (1.10 - 88)
<05B584BA-1FEA-3D34-8ABB-7C8C37952CB0> /System/Library/
Frameworks/CoreMIDI.framework/Versions/A/CoreMIDI
0x106f6f000 - 0x10709bff7 com.apple.AudioVideoBridging (500.19 -
500.19) <107C2945-A1C6-3DF2-9914-C41909C99EE1> /System/Library/
Frameworks/AudioVideoBridging.framework/Versions/A/AudioVideoBridging
0x107150000 - 0x107169ffb libexpat.1.dylib (15) <617B8B7A-
A0AB-37D6-AFCA-F90F7F14E455> /usr/lib/libexpat.1.dylib
0x107173000 - 0x107187ff3 com.apple.AudioServerApplication (1.0 -
200.9) <F3A5C381-B7D2-3BE1-AB30-3426922C3938> /System/Library/
PrivateFrameworks/AudioServerApplication.framework/Versions/A/
AudioServerApplication
0x107197000 - 0x1071a6fff com.apple.TimeSync (1.0 - 500.27)
<962394AB-8359-31B4-8671-AAF2C535A8E8> /System/Library/
PrivateFrameworks/TimeSync.framework/Versions/A/TimeSync
0x1071b8000 - 0x1071e2ff7 com.apple.FWAVC (501.47 - 47)
<338B44FE-219B-3A85-A868-9D5012441CAD> /System/Library/
PrivateFrameworks/FWAVC.framework/Versions/A/FWAVC
0x1071fa000 - 0x10720fff3 com.apple.fxplugframework (3.1 -
29295.7.52) <5A263E41-B0DE-308C-9E81-73FF226AEEEA> /Volumes/
VOLUME/Final Cut Pro.app/Contents/Frameworks/FxPlug.framework/Versions/
A/FxPlug
0x108d9d000 - 0x108e61ffb com.apple.AMDRadeonX4000GLDriver
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MACore

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0x114d5d000 - 0x115101ff7 com.apple.music.apps.MAPlugInGUI (9.1.0 - 423.13) <3CA3CDCD-9380-3ECA-9769-4E8F89B8974D> /Volumes/VOLUME/Final Cut Pro.app/Contents/Frameworks/Flexo.framework/Versions/A/PlugIns/Audio/EDEL.bundle/Contents/Frameworks/MAPlugInGUI.framework/Versions/A/MAPlugInGUI

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0x128435000 - 0x12843cfff com.apple.ArchiveRADPlug (1.0 - 1172.1.51) <BBF40EEA-1CE0-390F-A6DA-D7BF0E91FFA4> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/RADPlugins/Archive.RADPlug/Contents/MacOS/Archive
0x128445000 - 0x12863cfff com.apple.AVCHDPlugin (2.1.0 - 1171.8.51) <A03A2A0B-B452-32F1-98A7-440366CA95A0> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/RADPlugins/AVCHD.RADPlug/Contents/MacOS/AVCHD
0x12871d000 - 0x1288c5fff com.apple.MPEG2RADPlug (1.0 - 1172.4.51) <3DB72FA9-CA40-3A03-BE69-E54A60CDEF29> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/RADPlugins/MPEG2.RADPlug/Contents/MacOS/MPEG2
0x1289a5000 - 0x1289b7ff7 com.apple.MPEG4RADPlug (1.0 - 1187.8.51) <D465D965-DA24-37B0-B6DD-A402B6A6D836> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/RADPlugins/MPEG4.RADPlug/Contents/MacOS/MPEG4
0x1289ca000 - 0x128a03fff com.apple.P2Plugin (2.0.0 - 1187.5.51) <34FCD81B-198C-3896-BC48-3142B0ABABEA> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/RADPlugins/P2.RADPlug/Contents/MacOS/P2
0x128a20000 - 0x128a3dfff com.apple.P2AVFPlugin (2.0.0 - 1173.5.51) <78C23522-E1E8-3CC8-9772-0C23A4AF6DF7> /Volumes/

VOLUME/Final Cut Pro.app/Contents/PlugIns/RADPlugins/P2AVF.RADPlug/
Contents/MacOS/P2AVF

0x128a4e000 - 0x128a67ff7 com.apple.XDCAMPlugin (2.0.0 -
1186.6.51) <E165F2F2-A64D-3907-BCA0-35BEDF554B6D> /Volumes/
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Contents/MacOS/XDCAM

0x128a7e000 - 0x128ad9ff7 com.apple.XDCAMFormatPlugin (1.0 -
1185.4.51) <D8187DAA-AB81-3FB0-91E0-5CBDC42392A5> /Volumes/
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XDCAMFormat.RADPlug/Contents/MacOS/XDCAMFormat

0x128aff000 - 0x129b52fff com.apple.flamingoXDCAMRAD (3.0.0 -
3.0.0.259) <C6F84B66-E1A9-368C-85B5-73307E3A4759> /Volumes/
VOLUME/Final Cut Pro.app/Contents/PlugIns/RADPlugins/
XDCAMFormat.RADPlug/Contents/Frameworks/
flamingo_XDCAM_RAD.framework/Versions/A/flamingo_XDCAM_RAD

0x12ac4b000 - 0x12b106ff7 +libSMDK-Mac-D.4.9.1.dylib (4.9.1)
<82D1F61E-6FDC-37AE-8CFA-CB473085A137> /Volumes/VOLUME/Final Cut
Pro.app/Contents/PlugIns/RADPlugins/XDCAMFormat.RADPlug/Contents/
Frameworks/flamingo_XDCAM_RAD.framework/Versions/A/Resources/libSMDK-
Mac-D.4.9.1.dylib

0x12b180000 - 0x12b182ffb com.apple.textencoding.unicode (3.0 -
3.0) <1ABD997B-AC91-3CB4-81E4-98E1863F9E3C> /System/Library/
TextEncodings/Unicode Encodings.bundle/Contents/MacOS/Unicode
Encodings

0x12b268000 - 0x12b2d4ff7 com.apple.CompressorKitMAS (4.3 - 4.3)
<A03F7E9B-9CBF-3E65-9CE5-6006100ED8D0> /Volumes/VOLUME/Final Cut
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Frameworks/Compressor.framework/Versions/A/Frameworks/
CompressorKit.framework/CompressorKit

0x12b337000 - 0x12b33cfff com.apple.qmaster.swamp (4.3 - 4.3)
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Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/
Frameworks/Qmaster.framework/Versions/A/Qmaster

0x12b340000 - 0x12b428ff7 com.apple.compressor.StompUI (4.3 -
4.3) <2A8283BB-CC90-3E33-9645-BC86CCBE7FDA> /Volumes/VOLUME/
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Contents/Frameworks/Compressor.framework/Versions/A/Frameworks/
StompUI.framework/Versions/A/StompUI

0x12b4c2000 - 0x12b62dff7 com.apple.compressor.StompTypes (4.3
- 4.3) <025042D9-443D-3E3D-B7F1-41B0D7382CDC> /Volumes/VOLUME/
Final Cut Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/
Contents/Frameworks/Compressor.framework/Versions/A/Frameworks/
StompTypes.framework/Versions/A/StompTypes

0x12b6c7000 - 0x12b6d1fff com.apple.compressor.MediaServerAPI
(4.3 - 4.3) <F70441BE-D995-339B-A580-3CE504538960> /Volumes/
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CompressorKit.bundle/Contents/Frameworks/MediaServerAPI.framework/
Versions/A/MediaServerAPI

0x12b6dd000 - 0x12b6e7ff7 com.apple.compressor.StompUtil (4.3 -
4.3) <E84555F1-B6FF-30F7-9156-E2E813140E9D> /Volumes/VOLUME/Final
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Frameworks/Compressor.framework/Versions/A/Frameworks/
StompUtil.framework/Versions/A/StompUtil

0x12b6f1000 - 0x12b73aff7 com.apple.qmaster.SwampCore (4.3 - 4.3)
<260DAB68-7173-3442-80B3-778F6F701DBA> /Volumes/VOLUME/Final Cut
Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/
Frameworks/Qmaster.framework/Versions/A/Frameworks/
SwampCore.framework/Versions/A/SwampCore

0x12b771000 - 0x12b780fff com.apple.qmaster.SwampUtil (4.3 - 4.3)
<3446BE50-FAC7-3EDB-B814-FA4E0737EFB3> /Volumes/VOLUME/Final Cut
Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/
Frameworks/Qmaster.framework/Versions/A/Frameworks/
SwampUtil.framework/Versions/A/SwampUtil

0x12b78e000 - 0x12b879ff7 com.apple.qmaster.SwampTypes (4.3 -
4.3) <7F6C506B-A12F-3FFF-9686-79C966431CBB> /Volumes/VOLUME/Final
Cut Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/
Frameworks/Qmaster.framework/Versions/A/Frameworks/
SwampTypes.framework/Versions/A/SwampTypes

0x12b93d000 - 0x12b99aff7 com.apple.qmaster.do (4.3 - 4.3)
<4C2EF1E8-9EB0-39A2-A9B6-DAB53D6D47EA> /Volumes/VOLUME/Final Cut
Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/
Frameworks/Qmaster.framework/Versions/A/Frameworks/
DistributedObjects.framework/Versions/A/DistributedObjects

0x12b9f3000 - 0x12b9fdff7 com.apple.qmaster.SwampService (4.3 -
4.3) <B2590506-F226-34BB-A694-DC9739726BD6> /Volumes/VOLUME/Final
Cut Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/
Frameworks/Qmaster.framework/Versions/A/Frameworks/
SwampService.framework/Versions/A/SwampService

0x12ba0e000 - 0x12ba18ff7 com.apple.qmaster.Status (4.3 - 4.3)
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Frameworks/Qmaster.framework/Versions/A/Frameworks/Status.framework/
Versions/A/Status

0x12ba2d000 - 0x12ba38ff7 com.apple.qmaster.RequestProcessing
(4.3 - 4.3) <A25532B7-BC26-327C-8040-28C426B1857E> /Volumes/
VOLUME/Final Cut Pro.app/Contents/PlugIns/Compressor/
CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/
Frameworks/RequestProcessing.framework/Versions/A/RequestProcessing

0x12ba4b000 - 0x12ba5ffff com.apple.qmaster.ServiceControl (4.3 -
4.3) <5C0872FA-0FA0-30D0-AD2B-94F82AE696D2> /Volumes/VOLUME/Final
Cut Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/
Frameworks/Qmaster.framework/Versions/A/Frameworks/

ServiceControl.framework/Versions/A/ServiceControl

0x12ba7a000 - 0x12bad8ff7 com.apple.qmaster.ContentControl (4.3 - 4.3) <EE8BA0E3-2C99-3275-8222-E809702E4F2C> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/ContentControl.framework/Versions/A/ContentControl

0x12bb12000 - 0x12bbcffff com.apple.qmaster.JobControl (4.3 - 4.3) <B9A16F20-D966-3669-A6CF-DC3E1AE3F57A> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/JobControl.framework/Versions/A/JobControl

0x12bc41000 - 0x12bc4dff7 com.apple.qmaster.ClusterManager (4.3 - 4.3) <57376751-90F7-3539-ACEB-B4F56277DFFB> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/ClusterManager.framework/Versions/A/ClusterManager

0x12bc5a000 - 0x12bc73fff com.apple.qmaster.SwampUI (4.3 - 4.3) <B254C491-8E4E-3551-A4CD-28EFC1D0D8EF> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/SwampUI.framework/Versions/A/SwampUI

0x12bc87000 - 0x12bcb7ff7 com.apple.compressor.ImageProcessing (4.3 - 4.3) <F90D84FA-0C1D-3F4C-B672-F0F44358927C> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Compressor.framework/Versions/A/Frameworks/ImageProcessing.framework/Versions/A/ImageProcessing

0x12bcda000 - 0x12be83fe7 com.apple.compressor.transcoding (4.3 - 4.3) <EFFB1AAF-39F3-3BF4-B060-822F83B65E8B> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Compressor.framework/Versions/A/Frameworks/Transcoding.framework/Versions/A/Transcoding

0x12bf01000 - 0x12bf05fff com.apple.H264Encoder (1.0 - 8568.51) <8AE449FF-CDC3-36A7-94C8-EAB8D8CC6F26> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/H264Encoder.framework/Versions/A/H264Encoder

0x12c2b5000 - 0x12c343fff com.apple.cmio.DAL.ACD (7.0 - 7.0) <2CD0500F-0CBB-3696-AA54-7A64A6C7E1A6> /Volumes/VOLUME/Final Cut Pro.app/Contents/PlugIns/FCP-DAL/ACD.plugin/Contents/MacOS/ACD

0x12c45f000 - 0x12c463fff com.apple.audio.AppleHDAHALPlugIn (278.56 - 278.56) <CDA14261-23B7-30CD-B27B-1459F5C70F9D> /System/Library/Extensions/AppleHDA.kext/Contents/PlugIns/AppleHDAHALPlugIn.bundle/Contents/MacOS/AppleHDAHALPlugIn

0x7fff73379000 - 0x7fff736b2fff com.apple.RawCamera.bundle (7.01 - 889) <155ED09B-673E-3726-8302-E54AADAC5B63> /System/Library/CoreServices/RawCamera.bundle/Contents/MacOS/RawCamera

0x7fff736b3000 - 0x7fff737dfff3 com.apple.AMDMTLBronzeDriver

(1.48.21 - 1.4.8) <D2DB87F6-D085-3E56-A894-5111A6966ABF> /System/Library/Extensions/AMDMTLBronzeDriver.bundle/Contents/MacOS/AMDMTLBronzeDriver

0x7fff74ee3000 - 0x7fff750a2ffb com.apple.avfoundation (2.0 - 1187.11.13) <0D0BB4A4-F987-381B-885E-88A81F50FD50> /System/Library/Frameworks/AVFoundation.framework/Versions/A/AVFoundation

0x7fff750a3000 - 0x7fff75146fff com.apple.audio.AVFAudio (1.0 - ???) <E3CDC215-9272-3F94-8093-865CA181F728> /System/Library/Frameworks/AVFoundation.framework/Versions/A/Frameworks/AVFAudio.framework/Versions/A/AVFAudio

0x7fff75147000 - 0x7fff7520efff com.apple.AVKit (1.1 - 356.8) <C159B9A7-DB28-3394-9674-F7504B317396> /System/Library/Frameworks/AVKit.framework/Versions/A/AVKit

0x7fff7520f000 - 0x7fff7520ffff com.apple.Accelerate (1.11 - Accelerate 1.11) <D700DBDF-69AE-37A2-B9C7-0961CF0B6841> /System/Library/Frameworks/Accelerate.framework/Versions/A/Accelerate

0x7fff75210000 - 0x7fff75227ffb libCGInterfaces.dylib (331.5) <518D3064-6E1E-3DF6-881B-57867DFE9B1E> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/Libraries/libCGInterfaces.dylib

0x7fff75228000 - 0x7fff75741feb com.apple.vImage (8.1 - ???) <6408805B-67E9-3874-8D32-0BB814CE5CDA> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/vImage

0x7fff75742000 - 0x7fff758b2ff3 libBLAS.dylib (1185) <C7E42BBE-2337-3AEF-9C45-A2F2CB1A5B3E> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBLAS.dylib

0x7fff758b3000 - 0x7fff758c7ffb libBNNS.dylib (14) <CFDEE88D-E002-347C-BC68-83099651585B> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBNNS.dylib

0x7fff758c8000 - 0x7fff75cbefef libLAPACK.dylib (1185) <2E8201CB-9A41-3D65-853E-841917FCE77B> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libLAPACK.dylib

0x7fff75cbf000 - 0x7fff75cd5fff libLinearAlgebra.dylib (1185) <8CC29DE1-A231-3D5E-B5F1-DCC309036FE0> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libLinearAlgebra.dylib

0x7fff75cd6000 - 0x7fff75cdcfff libQuadrature.dylib (3) <120F6228-A3D4-3184-89D7-785ADC2AC715> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libQuadrature.dylib

0x7fff75cdd000 - 0x7fff75cf1ff7 libSparseBLAS.dylib (1185) <C35235B7-CFA6-39A7-BD6E-79F4D9CAFD36> /System/Library/Frameworks/

Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libSparseBLAS.dylib

0x7fff75cf2000 - 0x7fff75e79fe7 libvDSP.dylib (600) <F59348AA-
E1D3-3A27-8AB5-F546D38BFB76> /System/Library/Frameworks/
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libvDSP.dylib

0x7fff75e7a000 - 0x7fff75f2cffb libvMisc.dylib (600)
<70D4B548-47EE-3C6B-A93B-3EA6B60701E0> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/
libvMisc.dylib

0x7fff75f2d000 - 0x7fff75f2dfff com.apple.Accelerate.vecLib (3.11 -
vecLib 3.11) <A395B521-8E54-30F2-B4FE-355D68900DAF> /System/Library/
Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/
Versions/A/vecLib

0x7fff75f2e000 - 0x7fff75f6cfff com.apple.Accounts (113 - 113)
<E9D296BC-6DAC-3AB2-81A0-8DD6D1F8673B> /System/Library/
Frameworks/Accounts.framework/Versions/A/Accounts

0x7fff75f6d000 - 0x7fff761ecfff com.apple.AddressBook.framework (10.0
- 1756.14.6) <256ECB79-9F16-3565-AADB-D8A7AA83BC2F> /System/Library/
Frameworks/AddressBook.framework/Versions/A/AddressBook

0x7fff761ed000 - 0x7fff76fbffff com.apple.AppKit (6.9 - 1504.81.100)
<0CCB2E18-076E-3D8A-A777-A6E57EF2570A> /System/Library/Frameworks/
AppKit.framework/Versions/C/AppKit

0x7fff76fd1000 - 0x7fff76fd1fff com.apple.ApplicationServices (48 - 48)
<237200C2-28A6-3C19-B34B-53C953F8AE42> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/ApplicationServices

0x7fff76fd2000 - 0x7fff77040fff com.apple.ApplicationServices.ATS (377
- 422.2) <3680281F-DB99-3CA2-9C76-CABFC8DBC980> /System/Library/
Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
ATS.framework/Versions/A/ATS

0x7fff770da000 - 0x7fff77209fff libFontParser.dylib (194.6) <F3DF2CF7-
B25D-30BB-9EE6-1EA9F3B8A066> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/
Versions/A/Resources/libFontParser.dylib

0x7fff7720a000 - 0x7fff77254fff libFontRegistry.dylib (196.3)
<855AF921-EAE0-3D07-B161-5EF09806B643> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/
Versions/A/Resources/libFontRegistry.dylib

0x7fff772b1000 - 0x7fff772e4fff libTrueTypeScaler.dylib (194.6)
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Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
ATS.framework/Versions/A/Resources/libTrueTypeScaler.dylib

0x7fff77350000 - 0x7fff773faff7 com.apple.ColorSync (4.12.0 - 502.1)
<5F244DE3-A6E8-335F-AE3B-25F0E407DD62> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/ColorSync.framework/
Versions/A/ColorSync

0x7fff773fb000 - 0x7fff7744bff7 com.apple.HIServices (1.22 - 591)
<34C950CC-1084-354A-BCE6-9396EDB29DF8> /System/Library/
Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
HIServices.framework/Versions/A/HIServices

0x7fff7744c000 - 0x7fff7745bff3 com.apple.LangAnalysis (1.7.0 - 1.7.0)
<47D1A017-91A4-37F3-93E0-3923CD6ED2DE> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/
LangAnalysis.framework/Versions/A/LangAnalysis

0x7fff7745c000 - 0x7fff774a9fff com.apple.print.framework.PrintCore (12
- 491) <B7CC15C1-AF50-37F3-8AF6-65F8CDC323F0> /System/Library/
Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
PrintCore.framework/Versions/A/PrintCore

0x7fff774aa000 - 0x7fff774e5fff com.apple.QD (3.12 - 310) <8F718290-
DD82-36CE-9AF0-EFB6D31A49F4> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/QD.framework/
Versions/A/QD

0x7fff774e6000 - 0x7fff774f1ff7 com.apple.speech.synthesis.framework
(6.3.3 - 6.3.3) <629831B1-B13C-30F5-AE16-6BB9037E3753> /System/Library/
Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
SpeechSynthesis.framework/Versions/A/SpeechSynthesis

0x7fff774f2000 - 0x7fff77702fff com.apple.audio.toolbox.AudioToolbox
(1.14 - 1.14) <A1B98513-C19E-376F-8DAF-71BB2F263C5F> /System/Library/
Frameworks/AudioToolbox.framework/Versions/A/AudioToolbox

0x7fff77703000 - 0x7fff77703fff com.apple.audio.units.AudioUnit (1.14 -
1.14) <55C6A958-D52B-3D81-B230-EB949212B5D9> /System/Library/
Frameworks/AudioUnit.framework/Versions/A/AudioUnit

0x7fff7786c000 - 0x7fff77c3fff7 com.apple.CFNetwork (807.2.14 -
807.2.14) <9702C8B9-2984-3DD9-9C59-A83499C2DBC4> /System/Library/
Frameworks/CFNetwork.framework/Versions/A/CFNetwork

0x7fff77c59000 - 0x7fff77c59fff com.apple.Carbon (154 - 157)
<1BF9C0EB-45A0-3584-85DC-F64A9914F40D> /System/Library/Frameworks/
Carbon.framework/Versions/A/Carbon

0x7fff77c5a000 - 0x7fff77c5dfff com.apple.CommonPanels (1.2.6 - 98)
<6A71E8CB-3BF7-3A49-A5F7-0579BAE1219D> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/CommonPanels.framework/
Versions/A/CommonPanels

0x7fff77c5e000 - 0x7fff77f66ff7 com.apple.HIToolbox (2.1.1 - 856.13)
<98D5D2A7-55A6-31A7-9056-CC48EBB16654> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/
HIToolbox

0x7fff77f67000 - 0x7fff77f6aff7 com.apple.help (1.3.5 - 49)
<27C5F9FE-838F-3807-A4AC-D99470185B10> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help

0x7fff77f6b000 - 0x7fff77f70fff com.apple.ImageCapture (9.0 - 9.0)
<E3E757FD-4060-33A4-A2AC-85EFBD987FCE> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/

A/ImageCapture

0x7fff77f71000 - 0x7fff78008ff3 com.apple.ink.framework (10.9 - 219)
<B44BA36D-7549-3EB2-8CF6-E171885194FB> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/Ink.framework/Versions/A/Ink

0x7fff78009000 - 0x7fff78023fff com.apple.openscripting (1.7 - 172)
<B204BF70-C4AA-3699-8493-66E6645A92A8> /System/Library/
Frameworks/Carbon.framework/Versions/A/Frameworks/

OpenScripting.framework/Versions/A/OpenScripting

0x7fff78024000 - 0x7fff78025ff3 com.apple.print.framework.Print (12 -
267) <CA7E9448-0903-34C8-AAF6-9070B52BF70E> /System/Library/
Frameworks/Carbon.framework/Versions/A/Frameworks/Print.framework/
Versions/A/Print

0x7fff78026000 - 0x7fff78028ff7 com.apple.securityhi (9.0 - 55006)
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SecurityHI

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com.apple.speech.recognition.framework (6.0.1 - 6.0.1) <A20B0F7B-
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Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/
Versions/A/SpeechRecognition

0x7fff78030000 - 0x7fff7810dff7 com.apple.cloudkit.CloudKit (643.5 -
643.5) <2AB1D950-7EA5-359C-B17C-42AEFE99D360> /System/Library/
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2250.2.2) <90A21415-9731-3A83-B105-30963A0C865C> /System/Library/
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4.3.0) <A38A11A5-130B-39CE-BEBA-F5427F6801DC> /System/Library/
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1348.28) <A40AA224-7A50-3989-95D0-5A228A0E2FAF> /System/Library/
Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation

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1070.13.2) <0685658F-21AE-31D9-8C9A-B92528CDFB59> /System/Library/
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CoreMediaIO.framework/Versions/A/CoreMediaIO
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FSEvents.framework/Versions/A/FSEvents
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775.9.7) <E350E4F6-822A-3F04-B59B-468A39AF5C64> /System/Library/
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OSServices.framework/Versions/A/OSServices
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Versions/A/SearchKit

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SharedFileList.framework/Versions/A/SharedFileList

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Frameworks/SystemConfiguration.framework/Versions/A/SystemConfiguration

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Frameworks/VideoToolbox.framework/Versions/A/VideoToolbox

0x7fff7f6eb000 - 0x7fff80924ff3 com.apple.WebCore (12602 -
12602.4.8) <2128FC8F-DFC5-350C-8E0B-E3CA6849AC6C> /System/Library/
Frameworks/WebKit.framework/Versions/A/Frameworks/WebCore.framework/
Versions/A/WebCore

0x7fff80925000 - 0x7fff80a8fff3 com.apple.WebKitLegacy (12602 -
12602.4.8) <83C97613-16F4-3BEF-B5D9-B7F69B10BBB3> /System/Library/
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WebKitLegacy.framework/Versions/A/WebKitLegacy

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APFS.framework/Versions/A/APFS

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307.30.3) <EF4C3C83-6F51-38F7-A3D2-2D46EE4560EB> /System/Library/
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- 1200.41) <360012DB-DAE7-3EEF-85F0-E5BE1DE3425D> /System/Library/
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3.1.5) <6FF50E26-5BDA-3421-BDAE-B57AE6E4F6AC> /System/Library/
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1.8.3) <B2E28A7A-1727-3052-AA73-CBC108286C07> /System/Library/
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3130.0.240) <DC2BE8AD-2EE2-3441-9FE0-1C93610389C8> /System/Library/
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CloudPhotosConfigurationXPC.framework/Versions/A/
CloudPhotosConfigurationXPC
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1200.25.1) <BEFA276C-D284-3160-8641-7DD47E38C9D7> /System/Library/
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- 817) <CB5251B1-5BE5-308B-B30B-0050065E04CC> /System/Library/
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1.11.3) <CCE689AA-85F3-3587-AE12-1231E8ED127E> /System/Library/
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DesktopServicesPriv

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0x7fff84b79000 - 0x7fff84faaff7 com.apple.vision.FaceCore (3.3.2 - 3.3.2) <DEB42099-6927-332C-8D3E-D45096318D25> /System/Library/PrivateFrameworks/FaceCore.framework/Versions/A/FaceCore

0x7fff862ff000 - 0x7fff862fffff libmetal_timestamp.dylib (600.0.48.32) <31DF1B9E-0BBF-308B-B78D-11CCE72DAA68> /System/Library/PrivateFrameworks/GPUCompiler.framework/libmetal_timestamp.dylib

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0x7fff865cb000 - 0x7fff865e7ff3 com.apple.GenerationalStorage (2.0 - 259.2) <00BF8427-967F-3693-A86F-DA0F29B49BF3> /System/Library/PrivateFrameworks/GenerationalStorage.framework/Versions/A/GenerationalStorage

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0x7fff87386000 - 0x7fff87386fff com.apple.IOPatformPluginFamily (1.0 - 1) <22B46867-5AD4-3A4D-99D4-2C94449421C7> /System/Library/PrivateFrameworks/IOPatformPluginFamily.framework/Versions/A/IOPatformPluginFamily

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- 145) <12640C1F-433D-3CD9-B2A8-048D57B8B56D> /System/Library/
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3130.0.240) <A2B57A57-8044-3204-84AB-BE9E50A9D024> /System/Library/PrivateFrameworks/PhotoLibraryPrivate.framework/Versions/A/PhotoLibraryPrivate
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iLifeMediaBrowser
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loginsupport.framework/Versions/A/loginsupport

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libsystem_coretls.dylib
0x7fff8dd34000 - 0x7fff8dd3afff libsystem_dnssd.dylib (765.30.11)
<DC708D84-ED7D-3936-B996-A67C66B8DDAA> /usr/lib/system/
libsystem_dnssd.dylib
0x7fff8dd3b000 - 0x7fff8dd64ff7 libsystem_info.dylib (503.30.1)
<9ED9121C-F111-3FAD-BC2F-C95DEE1C9362> /usr/lib/system/
libsystem_info.dylib
0x7fff8dd65000 - 0x7fff8dd87ff7 libsystem_kernel.dylib (3789.41.3)
<B75B128C-7D7A-3318-91CD-82B5A69C5329> /usr/lib/system/
libsystem_kernel.dylib
0x7fff8dd88000 - 0x7fff8ddcffe7 libsystem_m.dylib (3121.4)
<266DB92B-A86F-3691-80FB-1B26AD73CFF3> /usr/lib/system/
libsystem_m.dylib
0x7fff8ddd0000 - 0x7fff8ddeeff7 libsystem_malloc.dylib (116.30.3)
<F40DEE3B-386A-3529-A3F7-98117ED55BF4> /usr/lib/system/
libsystem_malloc.dylib
0x7fff8ddef000 - 0x7fff8de46ffb libsystem_network.dylib (856.30.16)

<4AE368E9-605D-379D-B04C-2AC7455B8250> /usr/lib/system/
libsystem_network.dylib
0x7fff8de47000 - 0x7fff8de50ff3 libsystem_networkextension.dylib
(563.30.15) <EB020B0C-7DF0-3EEF-8E3C-15DA3C01D687> /usr/lib/system/
libsystem_networkextension.dylib
0x7fff8de51000 - 0x7fff8de5aff3 libsystem_notify.dylib (165.20.1)
<E7FD3A7C-DD07-36E2-9FA4-7561F9F114DA> /usr/lib/system/
libsystem_notify.dylib
0x7fff8de5b000 - 0x7fff8de63fe7 libsystem_platform.dylib (126.1.2)
<3CA06D4E-C00A-36DE-AA65-3A390097D1F6> /usr/lib/system/
libsystem_platform.dylib
0x7fff8de64000 - 0x7fff8de6eff7 libsystem_pthread.dylib (218.30.1)
<C869ED7C-BE29-3532-8E69-3A8DA1447EDC> /usr/lib/system/
libsystem_pthread.dylib
0x7fff8de6f000 - 0x7fff8de72ff7 libsystem_sandbox.dylib (592.31.1)
<7BBFDF96-293F-3DD9-B3A4-7C168280B441> /usr/lib/system/
libsystem_sandbox.dylib
0x7fff8de73000 - 0x7fff8de74fff libsystem_secinit.dylib (24)
<5C1F1E47-0F7D-3E25-8DEB-D9DB1F902281> /usr/lib/system/
libsystem_secinit.dylib
0x7fff8de75000 - 0x7fff8de7cfff libsystem_symptoms.dylib (532.30.6)
<5D990CF5-B58F-39F7-B375-99B4EC62CFBD> /usr/lib/system/
libsystem_symptoms.dylib
0x7fff8de7d000 - 0x7fff8de9dff7 libsystem_trace.dylib (518.30.7)
<6D34D1EA-2A3C-3D2D-803E-A666E6AEEE52> /usr/lib/system/
libsystem_trace.dylib
0x7fff8de9e000 - 0x7fff8dea3ffb libunwind.dylib (35.3) <9F7C2AD8-
A9A7-3DE4-828D-B0F0F166AAA0> /usr/lib/system/libunwind.dylib
0x7fff8dea4000 - 0x7fff8decdff7 libxpc.dylib (972.30.7) <65E41BB6-
EBD5-3D93-B0BE-B190CEE4DD93> /usr/lib/system/libxpc.dylib

External Modification Summary:

Calls made by other processes targeting this process:

task_for_pid: 1
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: 102
thread_create: 0
thread_set_state: 0

VM Region Summary:

ReadOnly portion of Libraries: Total=574.7M resident=0K(0%)
 swapped_out_or_unallocated=574.7M(100%)
 Writable regions: Total=352.2M written=0K(0%) resident=0K(0%)
 swapped_out=0K(0%) unallocated=352.2M(100%)

VIRTUAL REGION			
REGION TYPE	SIZE	COUNT (non-coalesced)	
=====	=====	=====	
Accelerate framework	640K	4	
Activity Tracing	256K	2	
CG backing stores	8504K	8	
CG image	1032K	50	
CoreAnimation	15.4M	79	
CoreAnimation (reserved)	4K	2	reserved VM address space
(unallocated)			
CoreData Object IDs	4100K	3	
CoreUI image data	1832K	40	
CoreUI image file	704K	13	
Foundation	4K	2	
IOKit	7940K	2	
Image IO	656K	3	
Kernel Alloc Once	8K	2	
MALLOC	247.7M	68	
MALLOC guard page	48K	11	
MALLOC_LARGE (reserved)	8000K	2	reserved VM address
space (unallocated)			
Memory Tag 242	12K	2	
Memory Tag 247	400K	2	
Memory Tag 249	156K	3	
Memory Tag 251	12K	2	
OpenCL	16K	3	
OpenGL GLSL	256K	4	
SQLite page cache	1024K	11	
STACK GUARD	56.1M	38	
Stack	28.3M	39	
VM_ALLOCATE	6152K	99	
__DATA	78.1M	531	
__GLSLBUILTINS	2588K	2	
__IMAGE	528K	2	
__LINKEDIT	161.1M	151	
__TEXT	413.6M	485	
__UNICODE	556K	2	
mapped file	345.6M	25	
shared memory	16.4M	13	
=====	=====	=====	
TOTAL	1.4G	1671	

TOTAL, minus reserved VM space 1.4G 1671

Model: iMac17,1, BootROM IM171.0106.B01, 4 processors, Intel Core i5, 3.31 GHz, 16 GB, SMC 2.33f10

Graphics: Intel HD Graphics SKL CRB, Intel HD Graphics SKL CRB, Built-In Graphics: AMD R9 xxx, AMD R9 xxx, PCIe, 4096 MB

Memory Module: BANK 0/DIMM0, 8 GB, DDR4, 2134 MHz, Kingston, KHX2133C14D48G

Memory Module: BANK 1/DIMM0, 8 GB, DDR4, 2134 MHz, Kingston, KHX2133C14D48G

AirPort: spairport_wireless_card_type_airport_extreme (0x14E4, 0x19), Broadcom BCM43xx 1.0 (7.21.171.68.1a5)

Bluetooth: Version 5.0.3f1, 3 services, 27 devices, 1 incoming serial ports

Network Service: Ethernet, Ethernet, en0

Network Service: Wi-Fi, AirPort, en2

PCI Card: AMD R9 xxx, Display Controller, PCI Slot 0

Serial ATA Device: SAMSUNG MZHPV128HDGM-000H1, 128.04 GB

Serial ATA Device: KINGSTON SV300S37A/240G, 240.06 GB

Serial ATA Device: PLDS DVD+/-RW DS-8A5SH

Serial ATA Device: ST2000DM006-2DM164, 2 TB

USB Device: USB 3.0 Bus

USB Device: BCM20702A0

USB Device: USB OPTICAL MOUSE

USB Device: USB Keyboard

USB Device: USB Receiver

Thunderbolt Bus: