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Translated Report (Full Report Below)  
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Process: Final Cut Pro [14072]  
Path: /Applications/Final Cut Pro.app/Contents/MacOS/Final Cut Pro  
Identifier: com.apple.FinalCut  
Version: 10.6.10 (409079)  
Build Info: ProEditor-40900079016000000~12 (1C1005a)  
App Item ID: 424389933  
App External ID: 860357778  
Code Type: X86-64 (Native)  
Parent Process: launchd [1]  
User ID: 501

Date/Time: 2023-10-06 14:56:36.5877 -0700  
OS Version: macOS 13.6 (22G120)  
Report Version: 12  
Anonymous UUID: E26E5FB2-77D6-38F2-1A5C-D5DEF8DDAB70

Sleep/Wake UUID: 3D786F81-8B81-4720-A919-CA91EA618F2A

Time Awake Since Boot: 32000 seconds  
Time Since Wake: 688 seconds

System Integrity Protection: enabled

Crashed Thread: 33 Dispatch queue: com.apple.FinalCut.imageSourceCacheQueue

Exception Type: EXC\_BAD\_ACCESS (SIGSEGV)  
Exception Codes: KERN\_INVALID\_ADDRESS at 0x0000000000000020  
Exception Codes: 0x0000000000000001, 0x0000000000000020

Termination Reason: Namespace SIGNAL, Code 11 Segmentation fault: 11  
Terminating Process: exc handler [14072]

VM Region Info: 0x20 is not in any region. Bytes before following region: 140737486630880

| REGION TYPE           | START - END | [ VSIZE] PRT/MAX SHRMOD | REGION DETAIL |
|-----------------------|-------------|-------------------------|---------------|
| UNUSED SPACE AT START |             |                         |               |

--->

|               |                                                |
|---------------|------------------------------------------------|
| shared memory | 7fffffe5b000-7fffffe5c000 [ 4K] r-x/r-x SM=SHM |
|---------------|------------------------------------------------|

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

0 libsystem\_kernel.dylib 0x7ff803ace5a2 mach\_msg2\_trap + 10

|    |                                                               |                                                 |
|----|---------------------------------------------------------------|-------------------------------------------------|
| 1  | libsystem_kernel.dylib                                        | 0x7ff803adc71d mach_msg2_internal + 78          |
| 2  | libsystem_kernel.dylib                                        | 0x7ff803ad55d4 mach_msg_overwrite + 692         |
| 3  | libsystem_kernel.dylib                                        | 0x7ff803ace88a mach_msg + 19                    |
| 4  | CoreFoundation                                                | 0x7ff803be900f __CFRunLoopServiceMachPort + 145 |
| 5  | CoreFoundation                                                | 0x7ff803be7a90 __CFRunLoopRun + 1365            |
| 6  | CoreFoundation                                                | 0x7ff803be6ed1 CFRunLoopRunSpecific + 560       |
| 7  | HIToolbox                                                     | 0x7ff80d667f3d RunCurrentEventLoopInMode + 292  |
| 8  | HIToolbox                                                     | 0x7ff80d667d4e ReceiveNextEventCommon + 657     |
| 9  | HIToolbox                                                     | 0x7ff80d667aa8                                  |
|    | _BlockUntilNextEventMatchingListInModeWithFilter + 64         |                                                 |
| 10 | AppKit                                                        | 0x7ff806c8325c _DPSNextEvent + 858              |
| 11 | AppKit                                                        | 0x7ff806c82106 -[NSApplication(NSEvent)         |
|    | _nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1214 |                                                 |
| 12 | AppKit                                                        | 0x7ff806c74788 -[NSApplication run] + 586       |
| 13 | LunaKit                                                       | 0x10f03a124 LKApplicationMain + 340             |
| 14 | dyld                                                          | 0x7ff8037b341f start + 1903                     |

Thread 1:: caulk.messenger.shared:17

|   |                                                                           |                                                                      |
|---|---------------------------------------------------------------------------|----------------------------------------------------------------------|
| 0 | libsystem_kernel.dylib                                                    | 0x7ff803ace51e semaphore_wait_trap + 10                              |
| 1 | caulk                                                                     | 0x7ff80d39e07e caulk::semaphore::timed_wait(double) + 150            |
| 2 | caulk                                                                     | 0x7ff80d39df9c caulk::concurrent::details::worker_thread::run() + 30 |
| 3 | caulk                                                                     | 0x7ff80d39dcb0 void*                                                 |
|   | caulk::thread_proxy<std::__1::tuple<caulk::thread::attributes, void       |                                                                      |
|   | (caulk::concurrent::details::worker_thread::*)(),                         |                                                                      |
|   | std::__1::tuple<caulk::concurrent::details::worker_thread*>>>(void*) + 41 |                                                                      |
| 4 | libsystem_pthread.dylib                                                   | 0x7ff803b0d1d3 _pthread_start + 125                                  |
| 5 | libsystem_pthread.dylib                                                   | 0x7ff803b08bd3 thread_start + 15                                     |

Thread 2:: com.apple.helium-texture-finish

|   |                         |                                                    |
|---|-------------------------|----------------------------------------------------|
| 0 | libsystem_kernel.dylib  | 0x7ff803ad10de __psynch_cvwait + 10                |
| 1 | libsystem_pthread.dylib | 0x7ff803b0d758 _pthread_cond_wait + 1242           |
| 2 | Helium                  | 0x10fd25d4a TextureDeleteQueue::threadLoop() + 282 |
| 3 | Helium                  | 0x10fd259dd textureFinishThread(void*) + 29        |
| 4 | libsystem_pthread.dylib | 0x7ff803b0d1d3 _pthread_start + 125                |
| 5 | libsystem_pthread.dylib | 0x7ff803b08bd3 thread_start + 15                   |

Thread 3:: com.apple.helium-pools

|   |                                                                                            |                                      |
|---|--------------------------------------------------------------------------------------------|--------------------------------------|
| 0 | libsystem_kernel.dylib                                                                     | 0x7ff803ad0fae __semwait_signal + 10 |
| 1 | libsystem_c.dylib                                                                          | 0x7ff8039c3585 nanosleep + 196       |
| 2 | libc++.1.dylib                                                                             | 0x7ff803a565b4                       |
|   | std::__1::this_thread::sleep_for(std::__1::chrono::duration<long long, std::__1::ratio<1l, |                                      |
|   | 1000000000l>> const&) + 73                                                                 |                                      |
| 3 | Helium                                                                                     | 0x10fd78e65 (anonymous               |
|   | namespace)::poolsObserverThreadFunction() + 421                                            |                                      |

4 Helium 0x10fd78f8c void\*  
std::\_\_1::\_\_thread\_proxy[abi:v15006]<std::\_\_1::tuple<std::\_\_1::unique\_ptr<std::\_\_1::\_\_thread\_struct, std::\_\_1::default\_delete<std::\_\_1::\_\_thread\_struct>>, void (\*)()>>(void\*) + 44  
5 libsystem\_pthread.dylib 0x7ff803b0d1d3 \_pthread\_start + 125  
6 libsystem\_pthread.dylib 0x7ff803b08bd3 thread\_start + 15

#### Thread 4:: MIO Mounting Thread

0 libsystem\_kernel.dylib 0x7ff803ad10de \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x7ff803b0d78d \_pthread\_cond\_wait + 1295  
2 Foundation 0x7ff804a4d916 -[NSCondition waitUntilDate:] + 134  
3 Foundation 0x7ff804a4fddd -[NSConditionLock  
lockWhenCondition:beforeDate:] + 88  
4 MIO 0x10e400d53 -[PluginLockPair scanPaths] + 211  
5 Foundation 0x7ff804a6c5d3 \_\_NSThread\_\_start\_\_ + 1009  
6 libsystem\_pthread.dylib 0x7ff803b0d1d3 \_pthread\_start + 125  
7 libsystem\_pthread.dylib 0x7ff803b08bd3 thread\_start + 15

#### Thread 5:: MIO Mounting Thread

0 libsystem\_kernel.dylib 0x7ff803ad10de \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x7ff803b0d78d \_pthread\_cond\_wait + 1295  
2 Foundation 0x7ff804a4d916 -[NSCondition waitUntilDate:] + 134  
3 Foundation 0x7ff804a4fddd -[NSConditionLock  
lockWhenCondition:beforeDate:] + 88  
4 MIO 0x10e400d53 -[PluginLockPair scanPaths] + 211  
5 Foundation 0x7ff804a6c5d3 \_\_NSThread\_\_start\_\_ + 1009  
6 libsystem\_pthread.dylib 0x7ff803b0d1d3 \_pthread\_start + 125  
7 libsystem\_pthread.dylib 0x7ff803b08bd3 thread\_start + 15

#### Thread 6:: MIO Mounting Thread

0 libsystem\_kernel.dylib 0x7ff803ad10de \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x7ff803b0d78d \_pthread\_cond\_wait + 1295  
2 Foundation 0x7ff804a4d916 -[NSCondition waitUntilDate:] + 134  
3 Foundation 0x7ff804a4fddd -[NSConditionLock  
lockWhenCondition:beforeDate:] + 88  
4 MIO 0x10e400d53 -[PluginLockPair scanPaths] + 211  
5 Foundation 0x7ff804a6c5d3 \_\_NSThread\_\_start\_\_ + 1009  
6 libsystem\_pthread.dylib 0x7ff803b0d1d3 \_pthread\_start + 125  
7 libsystem\_pthread.dylib 0x7ff803b08bd3 thread\_start + 15

#### Thread 7:: MIO Mounting Thread

0 libsystem\_kernel.dylib 0x7ff803ad10de \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x7ff803b0d78d \_pthread\_cond\_wait + 1295  
2 Foundation 0x7ff804a4d916 -[NSCondition waitUntilDate:] + 134

```

3 Foundation          0x7ff804a4fddd -[NSConditionLock
lockWhenCondition:beforeDate:] + 88
4 MIO                  0x10e400d53 -[PluginLockPair scanPaths] + 211
5 Foundation          0x7ff804a6c5d3 __NSThread__start__ + 1009
6 libsystem_pthread.dylib 0x7ff803b0d1d3 _pthread_start + 125
7 libsystem_pthread.dylib 0x7ff803b08bd3 thread_start + 15

```

#### Thread 8:: MIO Mounting Thread

```

0 libsystem_kernel.dylib 0x7ff803ad10de __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x7ff803b0d78d _pthread_cond_wait + 1295
2 Foundation          0x7ff804a4d916 -[NSCondition waitUntilDate:] + 134
3 Foundation          0x7ff804a4fddd -[NSConditionLock
lockWhenCondition:beforeDate:] + 88
4 MIO                  0x10e400d53 -[PluginLockPair scanPaths] + 211
5 Foundation          0x7ff804a6c5d3 __NSThread__start__ + 1009
6 libsystem_pthread.dylib 0x7ff803b0d1d3 _pthread_start + 125
7 libsystem_pthread.dylib 0x7ff803b08bd3 thread_start + 15

```

#### Thread 9:: MIO Mounting Thread

```

0 libsystem_kernel.dylib 0x7ff803ad10de __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x7ff803b0d78d _pthread_cond_wait + 1295
2 Foundation          0x7ff804a4d916 -[NSCondition waitUntilDate:] + 134
3 Foundation          0x7ff804a4fddd -[NSConditionLock
lockWhenCondition:beforeDate:] + 88
4 MIO                  0x10e400d53 -[PluginLockPair scanPaths] + 211
5 Foundation          0x7ff804a6c5d3 __NSThread__start__ + 1009
6 libsystem_pthread.dylib 0x7ff803b0d1d3 _pthread_start + 125
7 libsystem_pthread.dylib 0x7ff803b08bd3 thread_start + 15

```

#### Thread 10:: com.apple.helium.rq.gpu-ru0.vs0

```

0 libsystem_kernel.dylib 0x7ff803ad0fae __semwait_signal + 10
1 libsystem_c.dylib      0x7ff8039c3585 nanosleep + 196
2 libc++.1.dylib         0x7ff803a565b4
std::__1::__this_thread::sleep_for(std::__1::chrono::duration<long long, std::__1::ratio<1l,
1000000000l>> const&) + 73
3 ProCore                0x10e646e4f PCSharedMutex::lock() + 123
4 Ozone                  0x12072c49b OZLockingGroup::acquireLocks() + 123
5 Particles              0x12ac52f7a
PSEmitter::estimateRenderMemory(OZRenderParams const&, PCMatrix44Tmpl<double>
const&) + 506
6 Particles              0x12acf1095
PSEmitterRender::estimateRenderMemory(std::__1::set<PCHash128,
std::__1::less<PCHash128>, std::__1::allocator<PCHash128>>&) + 117

```

7 Lithium 0x11275951b  
 LiRenderInstance::estimateRenderMemory(std::\_\_1::set<PCHash128,  
 std::\_\_1::less<PCHash128>, std::\_\_1::allocator<PCHash128>>&, LiSceneObject\*) + 381

8 Lithium 0x1127594fb  
 LiRenderInstance::estimateRenderMemory(std::\_\_1::set<PCHash128,  
 std::\_\_1::less<PCHash128>, std::\_\_1::allocator<PCHash128>>&, LiSceneObject\*) + 349

9 Lithium 0x1127594fb  
 LiRenderInstance::estimateRenderMemory(std::\_\_1::set<PCHash128,  
 std::\_\_1::less<PCHash128>, std::\_\_1::allocator<PCHash128>>&, LiSceneObject\*) + 349

10 Lithium 0x1127594fb  
 LiRenderInstance::estimateRenderMemory(std::\_\_1::set<PCHash128,  
 std::\_\_1::less<PCHash128>, std::\_\_1::allocator<PCHash128>>&, LiSceneObject\*) + 349

11 Lithium 0x1127594fb  
 LiRenderInstance::estimateRenderMemory(std::\_\_1::set<PCHash128,  
 std::\_\_1::less<PCHash128>, std::\_\_1::allocator<PCHash128>>&, LiSceneObject\*) + 349

12 Lithium 0x1127594fb  
 LiRenderInstance::estimateRenderMemory(std::\_\_1::set<PCHash128,  
 std::\_\_1::less<PCHash128>, std::\_\_1::allocator<PCHash128>>&, LiSceneObject\*) + 349

13 Lithium 0x11275551e  
 LiRenderInstance::estimateRenderMemory(std::\_\_1::set<PCHash128, std::\_\_1::less<PCHash128>,  
 std::\_\_1::allocator<PCHash128>>&) + 200

14 Ozone 0x12062f265  
 GLRenderer::getSceneHeNodeFromLiWorld(OZScene\*, OZSceneSettings const&,  
 OZRenderParams&, PCPtr<LiGroup> const&, HGRenderer\*, double, double,  
 FxColorDescription&, long\*) + 2165

15 Ozone 0x12062e0e8  
 GLRenderer::getFrameNodeForSingleTime(OZScene\*, OZRenderParams&, HGRenderer\*,  
 double, double, long\*) + 1288

16 Ozone 0x12062d458  
 GLRenderer::getFrameNodeIncludingFields(OZScene\*, OZRenderParams&, HGRenderer\*, long\*)  
 + 664

17 Ozone 0x12062b8b8 GLRenderer::getFrameNode(OZScene\*,  
 OZRenderParams&, HGRenderer\*, long\*) + 200

18 Ozone 0x1206ef895 OZXGetRenderGraph(OZScene\*,  
 OZRenderParams, FFSVContext\*, GLRenderer&, bool, HGRenderer\*) + 1333

19 MotionEffect 0x11ca7602c getHeliumGraphForEye(FFSVContext\*,  
 PCMatrix44Double\*, OZRenderParams&, std::\_\_1::map<unsigned int,  
 PCMatrix44Tmpl<double>, std::\_\_1::less<unsigned int>,  
 std::\_\_1::allocator<std::\_\_1::pair<unsigned int const, PCMatrix44Tmpl<double>>>> const&,  
 PCMatrix44Double\*, double, FFCameraModeProperty, PCRect<double> const&, OZ360EyeType,  
 CGRect const&, GLRenderer&, OZScene\*) + 1550

20 MotionEffect 0x11ca75436 -[FFMotionEffect  
 newNodeAtTime:duration:withInputStream:context:schedInfo:downstreamPT:outputPT:output  
 Data:roi:graphBuildInfo:] + 5554

21 MotionEffect 0x11ca770e6 \_\_122-[FFMotionEffect  
newImageAtTime:duration:withInputStream:context:schedInfo:downstreamPT:channelOffset:roi:graphBuildInfo:]\_block\_invoke + 394

22 Flexo 0x115c88229  
FFApplicationHandleExceptionThatShouldNotBelgnoedInBlock + 9

23 MotionEffect 0x11ca76ef6 -[FFMotionEffect  
newImageAtTime:duration:withInputStream:context:schedInfo:downstreamPT:channelOffset:roi:graphBuildInfo:] + 196

24 Flexo 0x11505030a \_\_110-[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]\_block\_invoke\_2 + 794

25 Flexo 0x115c88229  
FFApplicationHandleExceptionThatShouldNotBelgnoedInBlock + 9

26 Flexo 0x11504fdc0 -[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 896

27 Flexo 0x115080ba9 -[FFStreamVideo  
newImageAtTime:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 473

28 Flexo 0x114fdb63 -[FFHeliumEffect  
newImageAtTime:duration:withInputStream:context:schedInfo:downstreamPT:channelOffset:roi:graphBuildInfo:] + 1123

29 Flexo 0x11525a245 -[FFHeCropEffect  
newImageAtTime:duration:withInputStream:context:schedInfo:downstreamPT:channelOffset:roi:graphBuildInfo:] + 165

30 Flexo 0x11505030a \_\_110-[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]\_block\_invoke\_2 + 794

31 Flexo 0x115c88229  
FFApplicationHandleExceptionThatShouldNotBelgnoedInBlock + 9

32 Flexo 0x11504fdc0 -[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 896

33 Flexo 0x115080ba9 -[FFStreamVideo  
newImageAtTime:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 473

34 Flexo 0x114fdb63 -[FFHeliumEffect  
newImageAtTime:duration:withInputStream:context:schedInfo:downstreamPT:channelOffset:roi:graphBuildInfo:] + 1123

35 Flexo 0x11505030a \_\_110-[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]\_block\_invoke\_2 + 794

36 Flexo 0x115c88229  
FFApplicationHandleExceptionThatShouldNotBelgnoedInBlock + 9

37 Flexo 0x11504fdc0 -[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]  
+ 896

38 Flexo 0x115080ba9 -[FFStreamVideo  
newImageAtTime:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 473

39 Flexo 0x1159019ae -[FFAnchoredObjectSegmentedVideoStream  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]  
+ 382

40 Flexo 0x115080ba9 -[FFStreamVideo  
newImageAtTime:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 473

41 Flexo 0x115c00db2 -[FFMCSwitcherVideoStream  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]  
+ 578

42 Flexo 0x115080ba9 -[FFStreamVideo  
newImageAtTime:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 473

43 Flexo 0x1155ccd8d -[FFPlayerScheduledData  
customHGRenderQueueJobCallback:theJob:] + 4285

44 Flexo 0x115c88229  
FFApplicationHandleExceptionThatShouldNotBeIgnoredInBlock + 9

45 Flexo 0x114fe3e68 -[FFHGASyncCustomJob \_runCallback:] + 248

46 Flexo 0x114fe44bb customJobNotifyFunc(HGRenderJob\*) + 123

47 Helium 0x10fd3829e HGRenderJob::CallNotifyFunc() + 46

48 Helium 0x10fd0925a HGRenderExecUnit::RunLoop() + 1578

49 Helium 0x10fd08c1e StartRenderExecUnitFunc(void\*) + 14

50 libsystem\_pthread.dylib 0x7ff803b0d1d3 \_pthread\_start + 125

51 libsystem\_pthread.dylib 0x7ff803b08bd3 thread\_start + 15

Thread 11:: com.apple.helium.rq.gpu-ru1.vs0

0 libsystem\_malloc.dylib 0x7ff80393cfe9 nanov2\_malloc + 146

1 CoreFoundation 0x7ff803b8c871 -[\_\_NSArrayM insertObject:atIndex:] + 292

2 CoreFoundation 0x7ff803ba82ae -[\_\_NSDictionaryM \_\_apply:context:] + 118

3 ColorSync 0x7ff80928d843 ColorSyncProfileCopyTagSignatures + 109

4 ColorSync 0x7ff80928d5f0 CMMProfile::Usable() + 64

5 ColorSync 0x7ff80928c9b6 DoValidateProfile + 70

6 ColorSync 0x7ff80928c967 AppleCMMValidateProfile + 21

7 ColorSync 0x7ff80928ba10 create + 1062

8 ColorSync 0x7ff80928ffb8 ColorSyncProfileCreate + 18

9 Flexo 0x1150367af -[FFProviderCG nativeVideoProps] + 2415

10 Flexo 0x115d29aad -[FFProviderCGANIM nativeVideoProps] + 45

11 ProMedia 0x11ced9304 CG\_Open2(PMFormatDescription const&,  
PCURL const&, CGColorSpace\*, CGInstanceData\*) + 1012

12 ProMedia 0x11cedc174 CG\_GetFrame(PMFormatDescription const&,  
PCURL const&, CMTime const&, PMFrameRequest&, FxColorDescription&, HGRef<HGNode>&,  
PCMatrix44Tmpl<double>\*, void\*) + 164

|             |                                                                                                                                                                                                         |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13 ProMedia | 0x11cec561b PMClip::getFrameNonCached(CMTime const&, CMTime const&, PMFrameRequest const&, PCURL const*, FxColorDescription&, HGRef<HGNode>&, PCMatrix44Tmpl<double>&) + 299                            |
| 14 ProMedia | 0x11cec4f68 PMClip::getFrame(CMTime const&, CMTime const&, PMFrameRequest const&, FxColorDescription&, HGRef<HGNode>&, PCMatrix44Tmpl<double>&) + 1976                                                  |
| 15 Ozone    | 0x1204ab366<br>OZFootage::getHeliumGraphInternal(OZRenderParams const&, PMFrameRequest const&, HGRenderer*, FxColorDescription&, PCMatrix44Tmpl<double>*, long*, bool) + 550                            |
| 16 Ozone    | 0x1204ab094 OZFootage::getHeliumGraph(OZRenderParams const&, PMFrameRequest const&, HGRenderer*, FxColorDescription&, PCMatrix44Tmpl<double>*, long*, bool) + 292                                       |
| 17 Ozone    | 0x1204c4835<br>OZImageElement::getRetimedHeliumGraph(OZRenderParams const&, OZFootage*, OZRenderParams&, PMFrameRequest const&, HGRenderer*, FxColorDescription&, PCMatrix44Tmpl<double>*, long*) + 229 |
| 18 Ozone    | 0x1209d2b90<br>OZImageElement::getHeliumGraph(OZRenderParams const&, HGRenderer*, FxColorDescription&, PCMatrix44Tmpl<double>*) + 3408                                                                  |
| 19 Ozone    | 0x1209d50d5 non-virtual thunk to<br>OZImageElement::getHeliumGraph(OZRenderParams const&, HGRenderer*, FxColorDescription&, PCMatrix44Tmpl<double>*) + 21                                               |
| 20 Ozone    | 0x1207f9534 OZImageNodeRender::getHelium(LiAgent&) + 612                                                                                                                                                |
| 21 Ozone    | 0x1207f9688 virtual thunk to<br>OZImageNodeRender::getHelium(LiAgent&) + 24                                                                                                                             |
| 22 Lithium  | 0x11273543f LiImageSource::getHeliumPublic(LiAgent&) + 67                                                                                                                                               |
| 23 Ozone    | 0x120888d8b OZLiElementTimeRender::getHelium(LiAgent&) + 59                                                                                                                                             |
| 24 Lithium  | 0x11273543f LiImageSource::getHeliumPublic(LiAgent&) + 67                                                                                                                                               |
| 25 Lithium  | 0x1126f069c LiAgent::getHelium(LiImageSource*) + 2086                                                                                                                                                   |
| 26 Lithium  | 0x11274ead7 LiPolygonInstance::makeNode(LiClipSet const&) + 3333                                                                                                                                        |
| 27 Lithium  | 0x11275ab7b LiRenderInstance::collectGeode(LiGeode*, LiCollectState&) + 687                                                                                                                             |
| 28 Lithium  | 0x11275a822 LiRenderInstance::collect3D(LiSceneObject*, LiCollectState&) + 1698                                                                                                                         |
| 29 Lithium  | 0x11275b6ae LiRenderInstance::collectGroup(LiGroup*, LiCollectState&, LiCollectState&) + 2020                                                                                                           |
| 30 Lithium  | 0x11275a852 LiRenderInstance::collect3D(LiSceneObject*, LiCollectState&) + 1746                                                                                                                         |
| 31 Lithium  | 0x112759d8a LiRenderInstance::collect() + 1698                                                                                                                                                          |
| 32 Lithium  | 0x11275924f LiRenderInstance::buildHeliumGraph(LiAgent&) + 403                                                                                                                                          |

|                                                                                                                                                                                                                                                     |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 33 Lithium                                                                                                                                                                                                                                          | 0x112758e3d LiRenderInstance::getHelium(LiAgent&) + 411                                       |
| 34 Lithium                                                                                                                                                                                                                                          | 0x1127553cf LiRenderer::getHelium(LiAgent&) + 139                                             |
| 35 Lithium                                                                                                                                                                                                                                          | 0x11273543f LiImageSource::getHeliumPublic(LiAgent&) + 67                                     |
| 36 Lithium                                                                                                                                                                                                                                          | 0x1126f069c LiAgent::getHelium(LiImageSource*) + 2086                                         |
| 37 Particles                                                                                                                                                                                                                                        | 0x12ac8fab2                                                                                   |
| PSParticleType::getSourceOutput(PSEmitter::RenderParams&, CMTime const&, PCMatrix44Tmpl<double>*, PCRect<double>*, std::__1::shared_ptr<PGTexture>*, std::__1::shared_ptr<PCBitmap>*, std::__1::shared_ptr<PGMetalTexture>*, HGRef<HGNode>*) + 3682 |                                                                                               |
| 38 Particles                                                                                                                                                                                                                                        | 0x12ac8e868                                                                                   |
| PSParticleType::addImageSprite(PSEmitter::RenderParams&, PSParticle*, OZSimStateElement&, PSHeliumNode&) + 840                                                                                                                                      |                                                                                               |
| 39 Particles                                                                                                                                                                                                                                        | 0x12ac547ca                                                                                   |
| PSEmitter::getHeliumGraph3D(OZRenderParams&, LiAgent&, std::__1::list<PSEmitter::SimEntry*, std::__1::allocator<PSEmitter::SimEntry*>>&, bool, unsigned int, PSHeliumNode&) + 650                                                                   |                                                                                               |
| 40 Particles                                                                                                                                                                                                                                        | 0x12ac5415d PSEmitter::getHelium(OZRenderParams&, LiAgent&) + 621                             |
| 41 Particles                                                                                                                                                                                                                                        | 0x12acf0fd7 PSEmitterRender::getHelium(LiAgent&) + 103                                        |
| 42 Lithium                                                                                                                                                                                                                                          | 0x11273543f LiImageSource::getHeliumPublic(LiAgent&) + 67                                     |
| 43 Ozone                                                                                                                                                                                                                                            | 0x120888d8b OZLiElementTimeRender::getHelium(LiAgent&) + 59                                   |
| 44 Lithium                                                                                                                                                                                                                                          | 0x11273543f LiImageSource::getHeliumPublic(LiAgent&) + 67                                     |
| 45 Lithium                                                                                                                                                                                                                                          | 0x1126f069c LiAgent::getHelium(LiImageSource*) + 2086                                         |
| 46 Lithium                                                                                                                                                                                                                                          | 0x11274ead7 LiPolygonInstance::makeNode(LiClipSet const&) + 3333                              |
| 47 Lithium                                                                                                                                                                                                                                          | 0x11275ab7b LiRenderInstance::collectGeode(LiGeode*, LiCollectState&) + 687                   |
| 48 Lithium                                                                                                                                                                                                                                          | 0x11275a822 LiRenderInstance::collect3D(LiSceneObject*, LiCollectState&) + 1698               |
| 49 Lithium                                                                                                                                                                                                                                          | 0x11275b6ae LiRenderInstance::collectGroup(LiGroup*, LiCollectState&, LiCollectState&) + 2020 |
| 50 Lithium                                                                                                                                                                                                                                          | 0x11275a852 LiRenderInstance::collect3D(LiSceneObject*, LiCollectState&) + 1746               |
| 51 Lithium                                                                                                                                                                                                                                          | 0x11275b6ae LiRenderInstance::collectGroup(LiGroup*, LiCollectState&, LiCollectState&) + 2020 |
| 52 Lithium                                                                                                                                                                                                                                          | 0x11275a852 LiRenderInstance::collect3D(LiSceneObject*, LiCollectState&) + 1746               |
| 53 Lithium                                                                                                                                                                                                                                          | 0x11275b6ae LiRenderInstance::collectGroup(LiGroup*, LiCollectState&, LiCollectState&) + 2020 |
| 54 Lithium                                                                                                                                                                                                                                          | 0x11275a852 LiRenderInstance::collect3D(LiSceneObject*, LiCollectState&) + 1746               |
| 55 Lithium                                                                                                                                                                                                                                          | 0x11275b5b0 LiRenderInstance::collectGroup(LiGroup*, LiCollectState&, LiCollectState&) + 1766 |

56 Lithium 0x11275a852 LiRenderInstance::collect3D(LiSceneObject\*,  
LiCollectState&) + 1746

57 Lithium 0x11275b5b0 LiRenderInstance::collectGroup(LiGroup\*,  
LiCollectState&, LiCollectState&) + 1766

58 Lithium 0x11275a852 LiRenderInstance::collect3D(LiSceneObject\*,  
LiCollectState&) + 1746

59 Lithium 0x112759d8a LiRenderInstance::collect() + 1698

60 Lithium 0x11275924f LiRenderInstance::buildHeliumGraph(LiAgent&)  
+ 403

61 Lithium 0x112758e3d LiRenderInstance::getHelium(LiAgent&) + 411

62 Lithium 0x1127553cf LiRenderInstance::getHelium(LiAgent&) + 139

63 Lithium 0x11273543f LiImageSource::getHeliumPublic(LiAgent&) + 67

64 Lithium 0x1126f069c LiAgent::getHelium(LiImageSource\*) + 2086

65 Ozone 0x1207fa9e4 OZCrop::getHelium(LiAgent&) + 532

66 Lithium 0x11273543f LiImageSource::getHeliumPublic(LiAgent&) + 67

67 Lithium 0x1126f069c LiAgent::getHelium(LiImageSource\*) + 2086

68 Ozone 0x12062f55e  
GLRenderer::getSceneHeNodeFromLiWorld(OZScene\*, OZSceneSettings const&,  
OZRenderParams&, PCPtr<LiGroup> const&, HGRenderer\*, double, double,  
FxColorDescription&, long\*) + 2926

69 Ozone 0x12062e0e8  
GLRenderer::getFrameNodeForSingleTime(OZScene\*, OZRenderParams&, HGRenderer\*,  
double, double, long\*) + 1288

70 Ozone 0x12062d458  
GLRenderer::getFrameNodeIncludingFields(OZScene\*, OZRenderParams&, HGRenderer\*, long\*)  
+ 664

71 Ozone 0x12062b8b8 GLRenderer::getFrameNode(OZScene\*,  
OZRenderParams&, HGRenderer\*, long\*) + 200

72 Ozone 0x1206ef895 OZXGetRenderGraph(OZScene\*,  
OZRenderParams, FFSVContext\*, GLRenderer&, bool, HGRenderer\*) + 1333

73 MotionEffect 0x11ca7602c getHeliumGraphForEye(FFSVContext\*,  
PCMatrix44Double\*, OZRenderParams&, std::\_\_1::map<unsigned int,  
PCMatrix44Tmpl<double>, std::\_\_1::less<unsigned int>,  
std::\_\_1::allocator<std::\_\_1::pair<unsigned int const, PCMatrix44Tmpl<double>>>> const&,  
PCMatrix44Double\*, double, FFCameraModeProperty, PCRect<double> const&, OZ360EyeType,  
CGRect const\*, GLRenderer&, OZScene\*) + 1550

74 MotionEffect 0x11ca75436 -[FFMotionEffect  
newNodeAtTime:duration:withInputStream:context:schedInfo:downstreamPT:outputPT:output  
Data:roi:graphBuildInfo:] + 5554

75 MotionEffect 0x11ca770e6 \_\_122-[FFMotionEffect  
newImageAtTime:duration:withInputStream:context:schedInfo:downstreamPT:channelOffset:ro  
i:graphBuildInfo:]\_block\_invoke + 394

76 Flexo 0x115c88229  
FFApplicationHandleExceptionThatShouldNotBeIgnoredInBlock + 9

77 MotionEffect 0x11ca76ef6 -[FFMotionEffect  
newImageAtTime:duration:withInputStream:context:schedInfo:downstreamPT:channelOffset:roi:graphBuildInfo:] + 196

78 Flexo 0x11505030a \_\_110-[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]  
\_block\_invoke\_2 + 794

79 Flexo 0x115c88229  
FFApplicationHandleExceptionThatShouldNotBeIgnoredInBlock + 9

80 Flexo 0x11504fdc0 -[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]  
+ 896

81 Flexo 0x115080ba9 -[FFStreamVideo  
newImageAtTime:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 473

82 Flexo 0x114fdb63 -[FFHeliumEffect  
newImageAtTime:duration:withInputStream:context:schedInfo:downstreamPT:channelOffset:roi:graphBuildInfo:] + 1123

83 Flexo 0x11525a245 -[FFHeCropEffect  
newImageAtTime:duration:withInputStream:context:schedInfo:downstreamPT:channelOffset:roi:graphBuildInfo:] + 165

84 Flexo 0x11505030a \_\_110-[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]  
\_block\_invoke\_2 + 794

85 Flexo 0x115c88229  
FFApplicationHandleExceptionThatShouldNotBeIgnoredInBlock + 9

86 Flexo 0x11504fdc0 -[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]  
+ 896

87 Flexo 0x115080ba9 -[FFStreamVideo  
newImageAtTime:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 473

88 Flexo 0x114fdb63 -[FFHeliumEffect  
newImageAtTime:duration:withInputStream:context:schedInfo:downstreamPT:channelOffset:roi:graphBuildInfo:] + 1123

89 Flexo 0x11505030a \_\_110-[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]  
\_block\_invoke\_2 + 794

90 Flexo 0x115c88229  
FFApplicationHandleExceptionThatShouldNotBeIgnoredInBlock + 9

91 Flexo 0x11504fdc0 -[FFStreamVideoEffect  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]  
+ 896

92 Flexo 0x115080ba9 -[FFStreamVideo  
newImageAtTime:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 473

93 Flexo 0x1159019ae -[FFAnchoredObjectSegmentedVideoStream  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]  
+ 382

94 Flexo 0x115080ba9 -[FFStreamVideo  
newImageAtTime:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 473

95 Flexo 0x115c00db2 -[FFMCSwitcherVideoStream  
newImageAtTimeIgnoringCache:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:]  
+ 578

96 Flexo 0x115080ba9 -[FFStreamVideo  
newImageAtTime:duration:context:schedInfo:downstreamPT:roi:graphBuildInfo:] + 473

97 Flexo 0x1155ccd8d -[FFPlayerScheduledData  
customHGRenderQueueJobCallback:theJob:] + 4285

98 Flexo 0x115c88229  
FFApplicationHandleExceptionThatShouldNotBeIgnoredInBlock + 9

99 Flexo 0x114fe3e68 -[FFHGASyncCustomJob \_runCallback:] + 248

100 Flexo 0x114fe44bb customJobNotifyFunc(HGRenderJob\*) + 123

101 Helium 0x10fd3829e HGRenderJob::CallNotifyFunc() + 46

102 Helium 0x10fd0925a HGRenderExecUnit::RunLoop() + 1578

103 Helium 0x10fd08c1e StartRenderExecUnitFunc(void\*) + 14

104 libsystem\_pthread.dylib 0x7ff803b0d1d3 \_pthread\_start + 125

105 libsystem\_pthread.dylib 0x7ff803b08bd3 thread\_start + 15

Thread 12:: com.apple.helium.rq.rbu0.vs0

0 libsystem\_kernel.dylib 0x7ff803ad10de \_\_psynch\_cvwait + 10

1 libsystem\_pthread.dylib 0x7ff803b0d758 \_pthread\_cond\_wait + 1242

2 Helium 0x10fe95b8e HGSynchronizable::Wait() + 46

3 Helium 0x10fd53dcb  
HGRenderQueue::GetGPUReadbackJob(HGGPUReadbackExecUnit\*, HGGPUReadbackJob\*\*) +  
91

4 Helium 0x10fdf8192 HGGPUReadbackExecUnit::RunLoop() + 226

5 Helium 0x10fdf809e StartGPUReadbackExecUnitFunc(void\*) + 14

6 libsystem\_pthread.dylib 0x7ff803b0d1d3 \_pthread\_start + 125

7 libsystem\_pthread.dylib 0x7ff803b08bd3 thread\_start + 15

Thread 13:: com.apple.helium.rq.rbu1.vs0

0 libsystem\_kernel.dylib 0x7ff803ad10de \_\_psynch\_cvwait + 10

1 libsystem\_pthread.dylib 0x7ff803b0d758 \_pthread\_cond\_wait + 1242

2 Helium 0x10fe95b8e HGSynchronizable::Wait() + 46

3 Helium 0x10fd53dcb  
HGRenderQueue::GetGPUReadbackJob(HGGPUReadbackExecUnit\*, HGGPUReadbackJob\*\*) +  
91

4 Helium 0x10fdf8192 HGGPUReadbackExecUnit::RunLoop() + 226

5 Helium 0x10fdf809e StartGPUReadbackExecUnitFunc(void\*) + 14

6 libsystem\_pthread.dylib 0x7ff803b0d1d3 \_pthread\_start + 125

7 libsystem\_pthread.dylib 0x7ff803b08bd3 thread\_start + 15

Thread 14:: com.apple.helium.rq.cpu-ru2

0 libsystem\_kernel.dylib 0x7ff803ad10de \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x7ff803b0d758 \_pthread\_cond\_wait + 1242  
2 Helium 0x10fe95b8e HGSynchronizable::Wait() + 46  
3 Helium 0x10fd50d9c  
HGRenderQueue::GetRenderJob(HGRenderExecUnit\*, HGRenderJob\*\*) + 412  
4 Helium 0x10fd08dd1 HGRenderExecUnit::RunLoop() + 417  
5 Helium 0x10fd08c1e StartRenderExecUnitFunc(void\*) + 14  
6 libsystem\_pthread.dylib 0x7ff803b0d1d3 \_pthread\_start + 125  
7 libsystem\_pthread.dylib 0x7ff803b08bd3 thread\_start + 15

Thread 15:: com.apple.helium.rq.cpu-ru3

0 libsystem\_kernel.dylib 0x7ff803ad10de \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x7ff803b0d758 \_pthread\_cond\_wait + 1242  
2 Helium 0x10fe95b8e HGSynchronizable::Wait() + 46  
3 Helium 0x10fd50d9c  
HGRenderQueue::GetRenderJob(HGRenderExecUnit\*, HGRenderJob\*\*) + 412  
4 Helium 0x10fd08dd1 HGRenderExecUnit::RunLoop() + 417  
5 Helium 0x10fd08c1e StartRenderExecUnitFunc(void\*) + 14  
6 libsystem\_pthread.dylib 0x7ff803b0d1d3 \_pthread\_start + 125  
7 libsystem\_pthread.dylib 0x7ff803b08bd3 thread\_start + 15

Thread 16:: com.apple.NSEventThread

0 libsystem\_kernel.dylib 0x7ff803ace5a2 mach\_msg2\_trap + 10  
1 libsystem\_kernel.dylib 0x7ff803adc71d mach\_msg2\_internal + 78  
2 libsystem\_kernel.dylib 0x7ff803ad55d4 mach\_msg\_overwrite + 692  
3 libsystem\_kernel.dylib 0x7ff803ace88a mach\_msg + 19  
4 CoreFoundation 0x7ff803be900f \_\_CFRunLoopServiceMachPort + 145  
5 CoreFoundation 0x7ff803be7a90 \_\_CFRunLoopRun + 1365  
6 CoreFoundation 0x7ff803be6ed1 CFRunLoopRunSpecific + 560  
7 AppKit 0x7ff806de33f5 \_NSEventThread + 132  
8 libsystem\_pthread.dylib 0x7ff803b0d1d3 \_pthread\_start + 125  
9 libsystem\_pthread.dylib 0x7ff803b08bd3 thread\_start + 15

Thread 17:: Dispatch queue: com.apple.CompressorKit.CKImmediateBatchOperation  
(QOS: UNSPECIFIED)

0 libsystem\_kernel.dylib 0x7ff803ace5a2 mach\_msg2\_trap + 10  
1 libsystem\_kernel.dylib 0x7ff803adc71d mach\_msg2\_internal + 78  
2 libsystem\_kernel.dylib 0x7ff803ad55d4 mach\_msg\_overwrite + 692  
3 libsystem\_kernel.dylib 0x7ff803ace88a mach\_msg + 19  
4 CoreFoundation 0x7ff803be900f \_\_CFRunLoopServiceMachPort + 145  
5 CoreFoundation 0x7ff803be7a90 \_\_CFRunLoopRun + 1365

|    |                                                    |                                                      |
|----|----------------------------------------------------|------------------------------------------------------|
| 6  | CoreFoundation                                     | 0x7ff803be6ed1 CFRunLoopRunSpecific + 560            |
| 7  | Foundation                                         | 0x7ff804af7a43 -[NSConcreteTask waitUntilExit] + 332 |
| 8  | CompressorKit                                      | 0x12e76ab4a -[CKImmediateBatchOperation              |
|    | runTranscodeFor:] + 1179                           |                                                      |
| 9  | CoreFoundation                                     | 0x7ff803bccc2c __invoking__ + 140                    |
| 10 | CoreFoundation                                     | 0x7ff803bccac3 -[NSInvocation invoke] + 305          |
| 11 | Foundation                                         | 0x7ff804a80a7f -[NSInvocationOperation main] + 37    |
| 12 | Foundation                                         | 0x7ff804a558b2 __NSOPERATION_IS_INVOKING_MAIN__ + 17 |
| 13 | Foundation                                         | 0x7ff804a54bb2 -[NSOperation start] + 782            |
| 14 | Foundation                                         | 0x7ff804a54898                                       |
|    | __NSOPERATIONQUEUE_IS_STARTING_AN_OPERATION__ + 17 |                                                      |
| 15 | Foundation                                         | 0x7ff804a54766 __NSOQSchedule_f + 182                |
| 16 | libdispatch.dylib                                  | 0x7ff803979771 _dispatch_block_async_invoke2 + 83    |
| 17 | libdispatch.dylib                                  | 0x7ff80396c033 _dispatch_client_callout + 8          |
| 18 | libdispatch.dylib                                  | 0x7ff80396eb65 _dispatch_continuation_pop + 463      |
| 19 | libdispatch.dylib                                  | 0x7ff80396e297 _dispatch_async_redirect_invoke + 888 |
| 20 | libdispatch.dylib                                  | 0x7ff80397bfa2 _dispatch_root_queue_drain + 343      |
| 21 | libdispatch.dylib                                  | 0x7ff80397c768 _dispatch_worker_thread2 + 170        |
| 22 | libsystem_pthread.dylib                            | 0x7ff803b09c0f _pthread_wqthread + 257               |
| 23 | libsystem_pthread.dylib                            | 0x7ff803b08bbf start_wqthread + 15                   |

#### Thread 18:

|    |                                                    |                                                       |
|----|----------------------------------------------------|-------------------------------------------------------|
| 0  | libsystem_kernel.dylib                             | 0x7ff803ace5a2 mach_msg2_trap + 10                    |
| 1  | libsystem_kernel.dylib                             | 0x7ff803adc71d mach_msg2_internal + 78                |
| 2  | libsystem_kernel.dylib                             | 0x7ff803ad55d4 mach_msg_overwrite + 692               |
| 3  | libsystem_kernel.dylib                             | 0x7ff803ace88a mach_msg + 19                          |
| 4  | CoreFoundation                                     | 0x7ff803be900f __CFRunLoopServiceMachPort + 145       |
| 5  | CoreFoundation                                     | 0x7ff803be7a90 __CFRunLoopRun + 1365                  |
| 6  | CoreFoundation                                     | 0x7ff803be6ed1 CFRunLoopRunSpecific + 560             |
| 7  | CoreFoundation                                     | 0x7ff803c6a5f5 CFRunLoopRun + 40                      |
| 8  | DiscRecording                                      | 0x7ff817d60424 DRWorkLoop::WorkLoop() + 236           |
| 9  | DiscRecording                                      | 0x7ff817d60325 DRWorkLoop::WorkLoopEntry(DRWorkLoop*) |
|    | + 9                                                |                                                       |
| 10 | DiscRecording                                      | 0x7ff817d5ffbc                                        |
|    | DRThreadObject::StartRoutine(DRThreadObject*) + 48 |                                                       |
| 11 | DiscRecording                                      | 0x7ff817d5fe87                                        |
|    | DRThreadObject::SymbolRoutine(DRThreadObject*) + 9 |                                                       |
| 12 | libsystem_pthread.dylib                            | 0x7ff803b0d1d3 _pthread_start + 125                   |
| 13 | libsystem_pthread.dylib                            | 0x7ff803b08bd3 thread_start + 15                      |

#### Thread 19:: com.apple.helium-unit.2.0

|   |                         |                                          |
|---|-------------------------|------------------------------------------|
| 0 | libsystem_kernel.dylib  | 0x7ff803ad10de __psynch_cvwait + 10      |
| 1 | libsystem_pthread.dylib | 0x7ff803b0d758 _pthread_cond_wait + 1242 |
| 2 | Helium                  | 0x10fe4ac6b hg_pthread_loop(void*) + 299 |

|   |                         |                                     |
|---|-------------------------|-------------------------------------|
| 3 | libsystem_pthread.dylib | 0x7ff803b0d1d3 _pthread_start + 125 |
| 4 | libsystem_pthread.dylib | 0x7ff803b08bd3 thread_start + 15    |

Thread 20:: com.apple.helium-unit.2.1

|   |                         |                                          |
|---|-------------------------|------------------------------------------|
| 0 | libsystem_kernel.dylib  | 0x7ff803ad10de __psynch_cvwait + 10      |
| 1 | libsystem_pthread.dylib | 0x7ff803b0d758 _pthread_cond_wait + 1242 |
| 2 | Helium                  | 0x10fe4ac6b hg_pthread_loop(void*) + 299 |
| 3 | libsystem_pthread.dylib | 0x7ff803b0d1d3 _pthread_start + 125      |
| 4 | libsystem_pthread.dylib | 0x7ff803b08bd3 thread_start + 15         |

Thread 21:: com.apple.helium-unit.2.2

|   |                         |                                          |
|---|-------------------------|------------------------------------------|
| 0 | libsystem_kernel.dylib  | 0x7ff803ad10de __psynch_cvwait + 10      |
| 1 | libsystem_pthread.dylib | 0x7ff803b0d758 _pthread_cond_wait + 1242 |
| 2 | Helium                  | 0x10fe4ac6b hg_pthread_loop(void*) + 299 |
| 3 | libsystem_pthread.dylib | 0x7ff803b0d1d3 _pthread_start + 125      |
| 4 | libsystem_pthread.dylib | 0x7ff803b08bd3 thread_start + 15         |

Thread 22:: com.apple.helium-unit.2.3

|   |                         |                                          |
|---|-------------------------|------------------------------------------|
| 0 | libsystem_kernel.dylib  | 0x7ff803ad10de __psynch_cvwait + 10      |
| 1 | libsystem_pthread.dylib | 0x7ff803b0d758 _pthread_cond_wait + 1242 |
| 2 | Helium                  | 0x10fe4ac6b hg_pthread_loop(void*) + 299 |
| 3 | libsystem_pthread.dylib | 0x7ff803b0d1d3 _pthread_start + 125      |
| 4 | libsystem_pthread.dylib | 0x7ff803b08bd3 thread_start + 15         |

Thread 23:: BGTask: FFBackgroundShareOperation Dispatch queue: sharing (QOS: UNSPECIFIED)

|    |                         |                                                                                |
|----|-------------------------|--------------------------------------------------------------------------------|
| 0  | libsystem_kernel.dylib  | 0x7ff803ad10de __psynch_cvwait + 10                                            |
| 1  | libsystem_pthread.dylib | 0x7ff803b0d78d _pthread_cond_wait + 1295                                       |
| 2  | Foundation              | 0x7ff804a4d916 -[NSCondition waitUntilDate:] + 134                             |
| 3  | Foundation              | 0x7ff804a4fddd -[NSConditionLock<br>lockWhenCondition:beforeDate:] + 88        |
| 4  | Flexo                   | 0x1153061a3 -[FFBackgroundShareOperation<br>performShareOperation:task:] + 195 |
| 5  | Flexo                   | 0x115c88229<br>FFApplicationHandleExceptionThatShouldNotBelgnoresInBlock + 9   |
| 6  | Flexo                   | 0x1151e458b __24-[FFBackgroundTask main]_block_invoke + 363                    |
| 7  | Flexo                   | 0x115c88229<br>FFApplicationHandleExceptionThatShouldNotBelgnoresInBlock + 9   |
| 8  | Flexo                   | 0x1151e43d0 -[FFBackgroundTask main] + 224                                     |
| 9  | Foundation              | 0x7ff804a558b2 __NSOPERATION_IS_INVOKING_MAIN__ + 17                           |
| 10 | Foundation              | 0x7ff804a54bb2 -[NSOperation start] + 782                                      |
| 11 | Foundation              | 0x7ff804a54898<br>__NSOPERATIONQUEUE_IS_STARTING_AN_OPERATION__ + 17           |
| 12 | Foundation              | 0x7ff804a54766 __NSOQSchedule_f + 182                                          |
| 13 | libdispatch.dylib       | 0x7ff803979771 _dispatch_block_async_invoke2 + 83                              |

|    |                         |                                                      |
|----|-------------------------|------------------------------------------------------|
| 14 | libdispatch.dylib       | 0x7ff80396c033 _dispatch_client_callout + 8          |
| 15 | libdispatch.dylib       | 0x7ff80396eb65 _dispatch_continuation_pop + 463      |
| 16 | libdispatch.dylib       | 0x7ff80396e1e9 _dispatch_async_redirect_invoke + 714 |
| 17 | libdispatch.dylib       | 0x7ff80397bfa2 _dispatch_root_queue_drain + 343      |
| 18 | libdispatch.dylib       | 0x7ff80397c768 _dispatch_worker_thread2 + 170        |
| 19 | libsystem_pthread.dylib | 0x7ff803b09c0f _pthread_wqthread + 257               |
| 20 | libsystem_pthread.dylib | 0x7ff803b08bbf start_wqthread + 15                   |

Thread 24:

|   |                         |                                   |
|---|-------------------------|-----------------------------------|
| 0 | libsystem_pthread.dylib | 0x7ff803b08bb0 start_wqthread + 0 |
|---|-------------------------|-----------------------------------|

Thread 25:: com.apple.coreaudio.AQClient

|    |                                                               |                                                 |
|----|---------------------------------------------------------------|-------------------------------------------------|
| 0  | libsystem_kernel.dylib                                        | 0x7ff803ace5a2 mach_msg2_trap + 10              |
| 1  | libsystem_kernel.dylib                                        | 0x7ff803adc71d mach_msg2_internal + 78          |
| 2  | libsystem_kernel.dylib                                        | 0x7ff803ad55d4 mach_msg_overwrite + 692         |
| 3  | libsystem_kernel.dylib                                        | 0x7ff803ace88a mach_msg + 19                    |
| 4  | CoreFoundation                                                | 0x7ff803be900f __CFRunLoopServiceMachPort + 145 |
| 5  | CoreFoundation                                                | 0x7ff803be7a90 __CFRunLoopRun + 1365            |
| 6  | CoreFoundation                                                | 0x7ff803be6ed1 CFRunLoopRunSpecific + 560       |
| 7  | AudioToolbox                                                  | 0x7ff813746b0b                                  |
|    | CADeprecated::GenericRunLoopThread::Entry(void*) + 157        |                                                 |
| 8  | libAudioToolboxUtility.dylib                                  | 0x7ff8125413ab                                  |
|    | CADeprecated::CAPThread::Entry(CADeprecated::CAPThread*) + 77 |                                                 |
| 9  | libsystem_pthread.dylib                                       | 0x7ff803b0d1d3 _pthread_start + 125             |
| 10 | libsystem_pthread.dylib                                       | 0x7ff803b08bd3 thread_start + 15                |

Thread 26:: com.apple.flexo.worker-queue-thread

|   |                         |                                              |
|---|-------------------------|----------------------------------------------|
| 0 | libsystem_kernel.dylib  | 0x7ff803ace51e semaphore_wait_trap + 10      |
| 1 | Flexo                   | 0x11531ca18 WorkerThreadRunnable::Run() + 88 |
| 2 | Flexo                   | 0x11524d46f Thread::RunHelper(void*) + 47    |
| 3 | libsystem_pthread.dylib | 0x7ff803b0d1d3 _pthread_start + 125          |
| 4 | libsystem_pthread.dylib | 0x7ff803b08bd3 thread_start + 15             |

Thread 27:: com.apple.flexo.audio-kill-thread

|   |                         |                                              |
|---|-------------------------|----------------------------------------------|
| 0 | libsystem_kernel.dylib  | 0x7ff803ace51e semaphore_wait_trap + 10      |
| 1 | Flexo                   | 0x11531ca18 WorkerThreadRunnable::Run() + 88 |
| 2 | Flexo                   | 0x11524d46f Thread::RunHelper(void*) + 47    |
| 3 | libsystem_pthread.dylib | 0x7ff803b0d1d3 _pthread_start + 125          |
| 4 | libsystem_pthread.dylib | 0x7ff803b08bd3 thread_start + 15             |

Thread 28:

|   |                         |                                                    |
|---|-------------------------|----------------------------------------------------|
| 0 | libsystem_kernel.dylib  | 0x7ff803ad10de __psynch_cvwait + 10                |
| 1 | libsystem_pthread.dylib | 0x7ff803b0d78d _pthread_cond_wait + 1295           |
| 2 | Foundation              | 0x7ff804a4d916 -[NSCondition waitUntilDate:] + 134 |

```
3 Flexo                0x1155c9c0c -[FFPlayerScheduledData
waitForFlattenedImagesBeforeDate:] + 92
4 Flexo                0x11501b057 -[FFPlayer _renderVideo] + 9447
5 Flexo                0x11501d29d -[FFPlayer idle] + 189
6 Flexo                0x11500319e -[FFPlayer playerRenderThreadMain:] + 350
7 Foundation           0x7ff804a6c5d3 __NSThread__start__ + 1009
8 libsystem_pthread.dylib 0x7ff803b0d1d3 _pthread_start + 125
9 libsystem_pthread.dylib 0x7ff803b08bd3 thread_start + 15
```

Thread 29:

```
0 libsystem_kernel.dylib 0x7ff803ad10de __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x7ff803b0d78d _pthread_cond_wait + 1295
2 Foundation             0x7ff804a4d916 -[NSCondition waitUntilDate:] + 134
3 Foundation             0x7ff804a4fddd -[NSConditionLock
lockWhenCondition:beforeDate:] + 88
4 Flexo                  0x11531649f -[FFDestProMSEExporter copyFrameAtTime:beforeDate:]
+ 447
5 Flexo                  0x115b9f1a4 -[ProMSMediaServer renderVideoFrame:] + 2164
6 CompressorKit          0x12e771524 CKMediaServerRenderVideoFrameProc(void*,
RenderVideoParams const*) + 54
7 MediaServerAPI         0x12e5c1a64
CVideoMediaServerIPCHandler::handleMessage(MediaServerIPCParams&) + 226
8 AECore                 0x12e633901 CPipeBasedIPCServer::beginMessageReceive() +
353
9 MediaServerAPI         0x12e5c0373 PluginReadyToRecieveRenderVideo + 136
10 CompressorKit         0x12e77167c -[CKMediaServer renderLoop:] + 61
11 Foundation            0x7ff804a6c5d3 __NSThread__start__ + 1009
12 libsystem_pthread.dylib 0x7ff803b0d1d3 _pthread_start + 125
13 libsystem_pthread.dylib 0x7ff803b08bd3 thread_start + 15
```

Thread 30:

```
0 libsystem_pthread.dylib 0x7ff803b08bb0 start_wqthread + 0
```

Thread 31:

```
0 libsystem_pthread.dylib 0x7ff803b08bb0 start_wqthread + 0
```

Thread 32:

```
0 libsystem_pthread.dylib 0x7ff803b08bb0 start_wqthread + 0
```

Thread 33 Crashed:: Dispatch queue: com.apple.FinalCut.imageSourceCacheQueue

```
0 libobjc.A.dylib        0x7ff80377aa4a objc_release + 42
1 CoreFoundation         0x7ff803b98b0e cow_cleanup + 172
2 CoreFoundation         0x7ff803b98a1b -[__NSDictionaryM dealloc] + 130
3 CoreGraphics           0x7ff808b7f202 CGPropertiesRelease + 28
```

|    |                                              |                                                         |
|----|----------------------------------------------|---------------------------------------------------------|
| 4  | CoreGraphics                                 | 0x7ff808bde026 image_finalize + 79                      |
| 5  | CoreFoundation                               | 0x7ff803cb5af4 _CFRelease + 285                         |
| 6  | CoreFoundation                               | 0x7ff803b8a6d3 __CFBasicHashDrain + 374                 |
| 7  | CoreFoundation                               | 0x7ff803cb5af4 _CFRelease + 285                         |
| 8  | ImageIO                                      | 0x7ff80d9a8968 IIOImageSource::~~IIOImageSource() + 184 |
| 9  | ImageIO                                      | 0x7ff80d9a8896 IIOImageSource::~~IIOImageSource() + 14  |
| 10 | ImageIO                                      | 0x7ff80d9a8871 _CGImageSourceFinalize(void const*) + 95 |
| 11 | CoreFoundation                               | 0x7ff803cb5af4 _CFRelease + 285                         |
| 12 | Flexo                                        | 0x115d29854 -[FFProviderCGANIM dealloc] + 52            |
| 13 | Flexo                                        | 0x115032168 -[FFProvider release] + 56                  |
| 14 | Flexo                                        | 0x115033e7f __41-[FFProviderCG                          |
|    | returnImageSourceToCache:]_block_invoke + 63 |                                                         |
| 15 | libdispatch.dylib                            | 0x7ff80396c033 _dispatch_client_callout + 8             |
| 16 | libdispatch.dylib                            | 0x7ff80396eb65 _dispatch_continuation_pop + 463         |
| 17 | libdispatch.dylib                            | 0x7ff8039807af _dispatch_source_invoke + 2184           |
| 18 | libdispatch.dylib                            | 0x7ff803972088 _dispatch_lane_serial_drain + 393        |
| 19 | libdispatch.dylib                            | 0x7ff803972d6c _dispatch_lane_invoke + 417              |
| 20 | libdispatch.dylib                            | 0x7ff80397d3fc _dispatch_workloop_worker_thread + 765   |
| 21 | libsystem_pthread.dylib                      | 0x7ff803b09c55 _pthread_wqthread + 327                  |
| 22 | libsystem_pthread.dylib                      | 0x7ff803b08bbf start_wqthread + 15                      |

Thread 34:

|   |                         |                                   |
|---|-------------------------|-----------------------------------|
| 0 | libsystem_pthread.dylib | 0x7ff803b08bb0 start_wqthread + 0 |
|---|-------------------------|-----------------------------------|

Thread 35:

|   |                         |                                   |
|---|-------------------------|-----------------------------------|
| 0 | libsystem_pthread.dylib | 0x7ff803b08bb0 start_wqthread + 0 |
|---|-------------------------|-----------------------------------|

Thread 33 crashed with X86 Thread State (64-bit):

```

rax: 0x0000000000000000 rbx: 0x0000000000000006 rcx: 0x0000000010000078c rdx:
0x0000000000000000
rdi: 0x000060000e302040 rsi: 0x00007ff822ab469e rbp: 0x0000700004b3e210 rsp:
0x0000700004b3e1d8
r8: 0x00007fffffff8 r9: 0x00000000000000cb r10: 0x00007ff8471fdae0 r11:
0x00007ff803b8de47
r12: 0x0000000000000007 r13: 0x00007ff8469838a8 r14: 0x000060000e301650 r15:
0x000060000e301688
rip: 0x00007ff80377aa4a rfi: 0x00000000000010246 cr2: 0x0000000000000020

```

Logical CPU: 0

Error Code: 0x00000004 (no mapping for user data read)

Trap Number: 14

Thread 33 instruction stream:

a8 01 75 e4 31 f6 e9 45-df 01 00 31 f6 e9 54 73 ..u.1..E...1..Ts  
00 00 48 b9 f8 ff ff ff-ff 7f 00 00 48 21 c8 f6 ..H.....H!..  
40 1e 01 74 df 48 89 f8-c3 90 90 90 90 90 90 90 @.t.H.....  
90 90 90 90 90 90 48 85-ff 0f 84 9c 00 00 00 89 .....H.....  
f8 83 e0 01 48 85 c0 0f-85 8e 00 00 00 49 b8 f8 ....H.....I..  
ff ff ff ff 7f 00 00 48-8b 07 48 89 c2 4c 21 c2 .....H..H..L!  
[48]8b 72 20 40 f6 c6 04-74 72 a8 01 0f 84 8c 00 H.r @...tr..... <==  
00 00 48 ba 00 00 00 00-00 00 80 00 48 be 00 00 ..H.....H...  
00 00 00 00 00 01 48 39-d0 72 50 48 89 c1 48 29 .....H9.rPH..H)  
f1 72 17 f0 48 0f b1 0f-74 3c a8 01 75 e8 31 f6 .r.H...t<...u.1.  
ba 01 00 00 00 e9 00 da-01 00 48 85 d0 75 57 4c .....H..uWL  
23 07 41 0f b7 40 1e 0f-ba e0 0c 48 8d 05 ac bf #.A..@.....H....

#### Binary Images:

0x10ded4000 - 0x10dfbfff com.apple.FinalCut (10.6.10) <b4db6b85-7482-3348-a99a-03637961b0ab> /Applications/Final Cut Pro.app/Contents/MacOS/Final Cut Pro  
0x10e154000 - 0x10e16bff com.apple.ProExtension.ProExtensionService (1.0) <00598bba-7387-3de5-b592-76c60c8d6cd5> /Applications/Final Cut Pro.app/Contents/Frameworks/ProExtensionSupport.framework/Versions/A/ProExtensionSupport  
0x10fce0000 - 0x1108abfff com.apple.Helium (3.1.0) <358fa348-76fe-3d20-a3af-1c2238ce8731> /Applications/Final Cut Pro.app/Contents/Frameworks/Helium.framework/Versions/A/Helium  
0x10e59b000 - 0x10e6defff com.apple.procore.framework (4.0.2) <9b778d37-6880-3ec2-8fb1-9ab4a116aed4> /Applications/Final Cut Pro.app/Contents/Frameworks/ProCore.framework/Versions/A/ProCore  
0x114f67000 - 0x116656fff com.apple.Flexo (1.0.0) <11c8d52c-fb6d-3ed0-af4a-3faf1198b137> /Applications/Final Cut Pro.app/Contents/Frameworks/Flexo.framework/Versions/A/Flexo  
0x10e3d6000 - 0x10e481fff com.apple.proapps.MIO (2.0) <54470a25-bbff-355d-b962-21cd52d4a1bb> /Applications/Final Cut Pro.app/Contents/Frameworks/MIO.framework/Versions/A/MIO  
0x10e10c000 - 0x10e10ffff com.apple.pro.sharedstudio (1.0) <544fd7f7-fbaf-321a-b23e-7f40fac55878> /Applications/Final Cut Pro.app/Contents/Frameworks/StudioSharedResources.framework/Versions/A/StudioSharedResources  
0x10ed03000 - 0x10eea6fff com.apple.TLKit (1.0) <76d09cc4-8ef1-3388-a512-d9d0bc4e92eb> /Applications/Final Cut Pro.app/Contents/Frameworks/TLKit.framework/Versions/A/TLKit  
0x10efb7000 - 0x10f0eafff com.apple.LunaKit (1.0) <1bb9e5d6-814e-3a32-a701-4f04803ba728> /Applications/Final Cut Pro.app/Contents/Frameworks/LunaKit.framework/Versions/A/LunaKit

0x10e22c000 - 0x10e253fff com.apple.videoapps.LunaFoundation (1.0) <e4b5a3c4-6546-35e2-b28a-98e078a9233c> /Applications/Final Cut  
Pro.app/Contents/Frameworks/LunaFoundation.framework/Versions/A/LunaFoundation

0x10e18c000 - 0x10e1b3fff com.apple.progl.framework (1.0) <608223fe-5f92-3c48-9a51-1039846e1fc6> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProGL.framework/Versions/A/ProGL

0x10e79f000 - 0x10e97efff com.apple.ProAppsFxSupport (4.0.0) <f9faf298-3585-35a9-9b0f-f9e6a5e5531b> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProAppsFxSupport.framework/Versions/A/ProAppsFxSupport

0x10f599000 - 0x10f66cfff com.apple.prochannel.framework (4.0.2) <767285cb-edac-379e-9f76-e889b4e34b90> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProChannel.framework/Versions/A/ProChannel

0x10e2fd000 - 0x10e310fff com.apple.videoapps.ProExtension (1.0) <14c7a98e-596b-335d-ac8d-2fc53f1b6657> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProExtension.framework/Versions/A/ProExtension

0x10e120000 - 0x10e137fff com.apple.VAML (1.0) <702fa835-e8d8-332e-bd67-33f6da943980> /Applications/Final Cut  
Pro.app/Contents/Frameworks/VAML.framework/Versions/A/VAML

0x10e0e2000 - 0x10e0e5fff com.apple.ProService (1.1) <60cc53a5-56a8-3a34-b2c7-ebb0a5aba02a> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProService.framework/Versions/A/ProService

0x10e278000 - 0x10e2a3fff com.apple.videoapps.XMLCordable (1.0) <ca13434e-00a6-3861-ba84-71884a4b3bb5> /Applications/Final Cut  
Pro.app/Contents/Frameworks/XMLCordable.framework/Versions/A/XMLCordable

0x10e1f0000 - 0x10e1f7fff com.apple.ProExtension.ProExtensionHost (1.1) <ea58f07d-045a-30f7-a46d-d7d158cae34f> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProExtensionHost.framework/Versions/A/ProExtensionHost

0x10e0f6000 - 0x10e0f9fff com.apple.ProExtension.ProViewServiceSupport (1.1) <69b3d4f7-1834-3a12-9e5f-95bef28ff035> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProViewServiceSupport.framework/Versions/A/ProViewServiceSupport

0x10f217000 - 0x10f49efff com.apple.HeliumSenso (3.1.0) <c75b6b06-11a5-3d59-b092-38cf8022679d> /Applications/Final Cut  
Pro.app/Contents/Frameworks/HeliumSenso.framework/Versions/A/HeliumSenso

0x10fa32000 - 0x10fabdfff com.apple.MXFExportSDK (1.0) <fad4d25d-ba5e-3a55-8cac-01204afd0302> /Applications/Final Cut  
Pro.app/Contents/Frameworks/MXFExportSDK.framework/Versions/A/MXFExportSDK

0x10e2c4000 - 0x10e2dffff com.apple.proapps.flexo.CoreAudioSDK (1.0) <327233c3-70c9-3e2d-a6fd-3eb562d8361f> /Applications/Final Cut  
Pro.app/Contents/Frameworks/CoreAudioSDK.framework/Versions/A/CoreAudioSDK

0x10e39b000 - 0x10e3aefff com.apple.PluginManager (1.7.4) <41b91b0b-42c8-395d-9a51-669ec4604dc3> /Applications/Final Cut  
Pro.app/Contents/Frameworks/PluginManager.framework/Versions/B/PluginManager

0x10e4fa000 - 0x10e545fff com.apple.proapps.flexo.AudioEffects (1.0) <d02a85e1-f644-3736-9b1a-1b95aa12ebaf> /Applications/Final Cut  
Pro.app/Contents/Frameworks/AudioEffects.framework/Versions/A/AudioEffects

0x10e33d000 - 0x10e35cfff com.apple.DeepSkyLite (0.6) <3546d531-21f4-3731-b030-e9f80327a92b> /Applications/Final Cut  
Pro.app/Contents/Frameworks/Flexo.framework/Versions/A/Frameworks/DeepSkyLite.framework/Versions/A/DeepSkyLite

0x111194000 - 0x1113ebfff com.apple.videoapps.Interchange (1.0) <982f10b5-d7b9-3768-a2f1-def761e9a70e> /Applications/Final Cut  
Pro.app/Contents/Frameworks/Interchange.framework/Versions/A/Interchange

0x10f8df000 - 0x10f942fff com.apple.proinspector.framework (4.0.2) <e10e11c6-4a25-38b6-8600-d489ae2e26ab> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProInspector.framework/Versions/A/ProInspector

0x10ec53000 - 0x10eca6fff com.apple.proshapes.framework (1.0) <1dc52f18-1e2e-354d-af67-f362a02b25d3> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProShapes.framework/Versions/A/ProShapes

0x10f75d000 - 0x10f820fff com.apple.proosc.framework (3.1.0) <a2aaf45-e487-3c1a-88b1-449fd9b80227> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProOSC.framework/Versions/A/ProOSC

0x10f99b000 - 0x10f9dafff com.apple.MDPKit (1.0) <84e4fcde-f583-397d-9fa2-57e76d58e83f> /Applications/Final Cut  
Pro.app/Contents/Frameworks/MDPKit.framework/Versions/A/MDPKit

0x10e566000 - 0x10e579fff com.apple.TLKEventDispatcher (1.0) <f53f3e9b-4d4e-3b4d-a8de-8db3952da4ae> /Applications/Final Cut  
Pro.app/Contents/Frameworks/TLKEventDispatcher.framework/Versions/A/TLKEventDispatcher

0x10fb9e000 - 0x10fc3dfff com.apple.protracker.framework (1.0) <6840fa61-11c2-3a78-9f46-7f0279db0767> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProTracker.framework/Versions/A/ProTracker

0x10f895000 - 0x10f8b8fff com.apple.EDEL (10.7.6) <cf7d93c1-f1d6-3233-990d-f7dd31bcdd99> /Applications/Final Cut  
Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/EDEL

0x110cb9000 - 0x110d28fff com.apple.fxplugframework (4.2.8) <808336d6-a659-3626-9da9-ce3eea7a8378> /Applications/Final Cut  
Pro.app/Contents/Frameworks/FxPlug.framework/Versions/A/FxPlug

0x10f56f000 - 0x10f57efff com.apple.video-engineering.AppleNeuralTracker (0.1) <385f04a3-f67e-3b22-86a6-4460308b1f64> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProTracker.framework/Versions/A/Frameworks/AppleNeuralTracker.framework/Versions/A/AppleNeuralTracker

0x111e26000 - 0x1121edfff com.apple.music.apps.MACore (10.7.6) <a8bb8181-8a43-3034-a147-616ffbc49ab6> /Applications/Final Cut  
Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MACore.framework/Versions/A/MACore

0x1172eb000 - 0x117ec2fff com.apple.music.apps.MADSP (10.7.6) <75d9c131-ba59-3f5c-9a6b-6b6588eb021f> /Applications/Final Cut

Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MADSP.framework/Versions/A/MADSP

0x110d91000 - 0x110e1cfff com.apple.music.apps.MAFiles (10.7.6) <173511c3-e3e0-3cbd-9550-9720f75f2c36> /Applications/Final Cut

Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MAFiles.framework/Versions/A/MAFiles

0x110afc000 - 0x110c13fff com.apple.music.apps.MAHarmony (10.7.6) <fbc53f3f-4569-3e6e-896e-9d03fc927067> /Applications/Final Cut

Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MAHarmony.framework/Versions/A/MAHarmony

0x11151c000 - 0x111a93fff com.apple.music.apps.MAPlugInGUI-EDEL (10.7.6) <c9a0afa0-9dcf-3fdc-8d0f-1bcfa895a543> /Applications/Final Cut

Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MAPlugInGUI\_EDEL.framework/Versions/A/MAPlugInGUI\_EDEL

0x10e210000 - 0x10e213fff com.apple.music.apps.MADSPPlugInPublic (10.7.6) <3fd316e7-af06-3e48-abf3-ba8339e7dafb> /Applications/Final Cut

Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MADSPPlugInPublic.framework/Versions/A/MADSPPlugInPublic

0x10e385000 - 0x10e388fff com.apple.music.apps.MAResourcesLg (10.7.6) <d7cdb602-0001-3d62-8923-44f9b59b3e95> /Applications/Final Cut

Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MAResourcesLg.framework/Versions/A/MAResourcesLg

0x10ecf000 - 0x10ecf2fff com.apple.music.apps.MAResourcesPlugInsShared (10.7.6) <33a7f0fc-310e-374b-9eba-1070c61992a2> /Applications/Final Cut

Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MAResourcesPlugInsShared.framework/Versions/A/MAResourcesPlugInsShared

0x112f04000 - 0x1133affff com.apple.LogicUIKit (10.7.6) <b4dfabe8-314a-31c0-991d-6fdb29749c3> /Applications/Final Cut

Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MAToolKit.framework/Versions/A/MAToolKit

0x110e59000 - 0x110ffcfff com.apple.music.apps.MAVectorUIKit (10.7.6) <cc7b8306-bda6-30dc-92b9-71291b7f115d> /Applications/Final Cut

Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MAVectorUIKit.framework/Versions/A/MAVectorUIKit

0x10fa0b000 - 0x10fa12fff com.apple.music.apps.MAMachineLearning (10.7.6) <cd636d04-7bf5-3852-b078-e04f491b5ba9> /Applications/Final Cut

Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MAMachineLearning.framework/Versions/A/MAMachineLearning

0x110c68000 - 0x110c6ffff com.apple.music.apps.MAResources (10.7.6) <f3e44bc2-9d8f-34dd-807d-b0e9d9885f20> /Applications/Final Cut

Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/Frameworks/MAResources.framework/Versions/A/MAResources

0x110c80000 - 0x110c8ffff libobjc-trampolines.dylib (\*) <5eaf78f9-49d0-30e2-a516-d53697b7344a> /usr/lib/libobjc-trampolines.dylib

0x112530000 - 0x11264ffff com.apple.AMDRadeonX4000GLDriver (4.14.1) <066a2903-bd13-3980-92af-ef3e2403716f>  
/System/Library/Extensions/AMDRadeonX4000GLDriver.bundle/Contents/MacOS/AMDRadeonX4000GLDriver

0x111155000 - 0x11115cfff com.apple.audio.AppleHDAHALPlugIn (440.2) <e4dc9c53-e4ca-3c4e-9924-58d49ca433fd>  
/System/Library/Extensions/AppleHDA.kext/Contents/PlugIns/AppleHDAHALPlugIn.bundle/Contents/MacOS/AppleHDAHALPlugIn

0x11c46b000 - 0x11c482fff com.apple.security.csparser (3.0) <0e1b6c05-c1cd-3eaf-9857-4787d790f22a>  
/System/Library/Frameworks/Security.framework/Versions/A/PlugIns/csparser.bundle/Contents/MacOS/csparser

0x11c3fa000 - 0x11c425fff com.apple.FxPlug.provider (1.0.0) <689638ce-5374-37df-a080-4fed1f587b61> /Applications/Final Cut Pro.app/Contents/Frameworks/Flexo.framework/Versions/A/PlugIns/MediaProviders/FxPlugProvider.fxp/Contents/MacOS/FxPlugProvider

0x11e2be000 - 0x11e8b5fff com.apple.motion.filters (4.0.2) <4f5aaf96-a702-3031-b1fd-e8251cb14517> /Applications/Final Cut Pro.app/Contents/PlugIns/InternalFiltersXPC.plugin/Contents/PlugIns/Filters.bundle/Contents/MacOS/Filters

0x1126b4000 - 0x11292ffff com.apple.Lithium (5.0.0) <6bceefc1-dd0c-348f-9cc8-9ae848219319> /Applications/Final Cut Pro.app/Contents/Frameworks/Lithium.framework/Versions/A/Lithium

0x112b4d000 - 0x112b84fff com.apple.Stalgo (1.0) <9956b81d-587f-3991-ac32-d2dbeaab63c1> /Applications/Final Cut Pro.app/Contents/Frameworks/Stalgo.framework/Versions/A/Stalgo

0x112b07000 - 0x112b0efff com.apple.filter.PAECIAdaptor (1.0) <135c6408-49a2-3c03-a576-40f612b32b33> /Applications/Final Cut Pro.app/Contents/PlugIns/FxPlug/PAECIAdaptor.fxp/Contents/MacOS/PAECIAdaptor

0x112acc000 - 0x112ae7fff com.apple.CIBarcode (2.0) <63b8943b-b3d1-3a4f-8128-0adff872479d> /System/Library/CoreImage/CIBarcode.cifilter/Contents/MacOS/CIBarcode

0x112bad000 - 0x112bb0fff com.apple.CIPassThrough (2.0) <01f02c80-6f3f-30ad-a263-66fdb2cd98d1>  
/System/Library/CoreImage/CIPassThrough.cifilter/Contents/MacOS/CIPassThrough

0x112d14000 - 0x112d9ffff com.apple.PortraitFilters (1.0) <f18d14ec-25c0-391c-99e6-1d1a950b5642>  
/System/Library/CoreImage/PortraitFilters.cifilter/Contents/MacOS/PortraitFilters

0x11ca61000 - 0x11cae8fff com.apple.Motion.effect (5.0.0) <8fb08d9e-0d9d-34a8-9f6a-7ae76c58bede> /Applications/Final Cut Pro.app/Contents/PlugIns/MediaProviders/MotionEffect.fxp/Contents/MacOS/MotionEffect

0x1203e5000 - 0x120ba8fff com.apple.ozone.framework (5.0.0) <1f640016-a976-396c-bb22-eb4b1ab6e203> /Applications/Final Cut Pro.app/Contents/Frameworks/Ozone.framework/Versions/A/Ozone

0x112c43000 - 0x112c76fff com.apple.ProGraphics (5.0.0) <1b30d7f1-4bff-3c3c-89d6-57ef272ea00a> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProGraphics.framework/Versions/A/ProGraphics

0x11cb49000 - 0x11cd50fff com.apple.motion.TextFramework (5.2.4) <b4658db7-2f28-3036-8d3d-61e8de03acbd> /Applications/Final Cut  
Pro.app/Contents/Frameworks/TextFramework.framework/Versions/A/TextFramework

0x112dc8000 - 0x112dd3fff com.apple.RetimingMath (5.0.0) <fbc9e491-a768-3a1e-a186-db3fda595fe6> /Applications/Final Cut  
Pro.app/Contents/Frameworks/RetimingMath.framework/Versions/A/RetimingMath

0x11cebd000 - 0x11cf68fff com.apple.ProMedia (5.0.0) <f66da7a6-bf22-34bd-9175-7918cfb67d31> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProMedia.framework/Versions/A/ProMedia

0x11c8d8000 - 0x11c933fff com.apple.proapps.AudioMixEngine (2.0) <4f970f75-c7b1-3ed0-b323-d62c91e6d851> /Applications/Final Cut  
Pro.app/Contents/Frameworks/Ozone.framework/Versions/A/Frameworks/AudioMixEngine.framework/Versions/A/AudioMixEngine

0x11c7b8000 - 0x11c81bfff com.apple.procurveeditor.framework (3.1.0) <850bc161-0bd0-3d64-bdf5-7b0c567e381c> /Applications/Final Cut  
Pro.app/Contents/Frameworks/ProCurveEditor.framework/Versions/A/ProCurveEditor

0x112cb3000 - 0x112cd2fff com.apple.proapps.AppleProResRAWCodecEmbedded (1.8.0) <336bb11f-36bc-3830-a0d5-f18a9170924c> /Applications/Final Cut  
Pro.app/Contents/PlugIns/InternalCodecs/AppleProResRAWCodecEmbedded.bundle/Contents/MacOS/AppleProResRAWCodecEmbedded

0x11c860000 - 0x11c897fff com.apple.proapps.AppleDVCPROHDCodec (2.1) <4ab5daf9-a8f2-36f7-a916-8ff1e02458ea> /Applications/Final Cut  
Pro.app/Contents/PlugIns/InternalCodecs/AppleDVCPROHDCodec.bundle/Contents/MacOS/AppleDVCPROHDCodec

0x11da5b000 - 0x11db72fff com.apple.proapps.AppleProResCodecEmbedded (3.10.0) <dc29c83d-4fbe-316e-8d48-4ab250fafbd0> /Applications/Final Cut  
Pro.app/Contents/PlugIns/InternalCodecs/AppleProResCodecEmbedded.bundle/Contents/MacOS/AppleProResCodecEmbedded

0x112df0000 - 0x112df7fff com.apple.proapps.AppleAnimationCodec (1.0) <e9248893-b7f8-36d1-a587-f2f0beb9c860> /Applications/Final Cut  
Pro.app/Contents/PlugIns/InternalCodecs/AppleAnimationCodec.bundle/Contents/MacOS/AppleAnimationCodec

0x11c9c9000 - 0x11c9e4fff com.apple.proapps.AppleIMXCodec (2.1) <adc38848-e973-35bf-95f7-49dc587b056c> /Applications/Final Cut  
Pro.app/Contents/PlugIns/InternalCodecs/AppleIMXCodec.bundle/Contents/MacOS/AppleIMXCodec

0x11d832000 - 0x11d88dfff com.apple.proapps.AppleAVCIntraCodec (2.3.2) <0f759a78-d94e-3f81-a5a6-991ef3aa3ad2> /Applications/Final Cut  
Pro.app/Contents/PlugIns/InternalCodecs/AppleAVCIntraCodec.bundle/Contents/MacOS/AppleAVCIntraCodec

0x11c96c000 - 0x11c98bfff com.apple.proapps.AppleIntermediateCodec (2.1)  
 <b0146f68-48fe-3c2b-a80d-94a5c3fc9c8d> /Applications/Final Cut  
 Pro.app/Contents/PlugIns/InternalCodecs/AppleIntermediateCodec.bundle/Contents/MacOS/A  
 ppleIntermediateCodec

0x11cfd5000 - 0x11d060fff com.apple.proapps.AppleMPEG2Codec (2.1) <13b9f2f3-  
 8e43-3273-8332-32d6705980e3> /Applications/Final Cut  
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0x112ce7000 - 0x112ceefff com.apple.proapps.AppleUncompressedCodec (2.1)  
 <5db0de15-7b8e-3122-bfd1-b8ad39f3fca4> /Applications/Final Cut  
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 AppleUncompressedCodec

0x11c9a0000 - 0x11c9a3fff com.apple.proapps.ImageCodec (1.0) <7ee2bfff-dfef-3109-  
 b140-b90b307635a1> /Applications/Final Cut  
 Pro.app/Contents/PlugIns/InternalCodecs/AppleImageCodec.bundle/Contents/MacOS/AppleIm  
 ageCodec

0x1210cd000 - 0x1217a8fff com.apple.audio.codecs.Components (7.0) <957d87bf-1af9-  
 3d63-ab7a-53efd14de180>  
 /System/Library/Components/AudioCodecs.component/Contents/MacOS/AudioCodecs

0x12ac48000 - 0x12ad27fff com.apple.motion.Particles (5.0.0) <98af96e0-0397-3736-  
 8c97-4c023e775576> /Applications/Final Cut  
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 acOS/Particles

0x12a906000 - 0x12a9e9fff com.apple.motion.Behaviors (5.0.0) <27e7ba86-5bd6-3c3a-  
 af40-695d4c1a59aa> /Applications/Final Cut  
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 MacOS/Behaviors

0x1203a9000 - 0x1203b4fff com.apple.motion.Text (5.0.0) <744d049a-082b-328c-8c24-  
 a8c9398f835c> /Applications/Final Cut  
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 S/Text

0x12ab08000 - 0x12ab0bfff com.apple.music.apps.mutapdel.resources (10.7.6)  
 <a64b3f71-5099-3e74-8f04-2be51ef161ea> /Applications/Final Cut  
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 s/MacOS/mutapdel

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 /MacOS/common

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 OS/efx

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Pro.app/Contents/Frameworks/EDEL.framework/Versions/A/PlugIns/evp88.bundle/Contents/MacOS/evp88

0x12ab58000 - 0x12ab5bfff com.apple.music.apps.evoc.resources (10.7.6) <9cae6e54-58b2-3707-8c32-05a622445cf3> /Applications/Final Cut  
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0x12e4e8000 - 0x12e4fbfff com.apple.MPEG4RADPlug (1.0) <5dba123b-45ee-3598-aa39-27252fa0bf13> /Applications/Final Cut  
Pro.app/Contents/PlugIns/RADPlugIns/MPEG4.RADPlug/Contents/MacOS/MPEG4

0x12ed7c000 - 0x12f07bfff com.apple.mobiledevice (1533.140.2) <beafc8cd-4e65-3835-a80c-2723f2b2fda6> /Library/Apple/\*/MobileDevice.framework/Versions/A/MobileDevice

0x12e510000 - 0x12e51ffff com.apple.AVCHDPlugIn (2.1.0) <b959ab82-83e3-35cd-b648-36dfa6d1e47a> /Applications/Final Cut  
Pro.app/Contents/PlugIns/RADPlugIns/AVCHD.RADPlug/Contents/MacOS/AVCHD

0x12e495000 - 0x12e4b4fff com.apple.XDCAMPlugIn (2.0.0) <4b89b3a4-d94b-3f0d-a725-459e6872488e> /Applications/Final Cut  
Pro.app/Contents/PlugIns/RADPlugIns/XDCAM.RADPlug/Contents/MacOS/XDCAM

0x12e563000 - 0x12e56afff com.apple.ArchiveRADPlug (1.0) <148b92db-fd80-3723-b6e5-0fa6a1ce0c8d> /Applications/Final Cut  
Pro.app/Contents/PlugIns/RADPlugIns/Archive.RADPlug/Contents/MacOS/Archive

0x12e530000 - 0x12e53bfff com.apple.MPEG2RADPlug (1.0) <e0e420de-1450-3924-818e-18c8b23aab27> /Applications/Final Cut  
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Pro.app/Contents/PlugIns/RADPlugIns/P2AVF.RADPlug/Contents/MacOS/P2AVF

0x12e74f000 - 0x12e79afff com.apple.CompressorKitMAS (4.6.6) <eb41ee83-6e5d-3a91-9357-a16d510f888e> /Applications/Final Cut  
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0x12caba000 - 0x12cac1fff com.apple.qmaster.swamp (4.6.6) <409b0689-4f9a-3467-8ecd-a2b5b649292c> /Applications/Final Cut  
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0x12e61b000 - 0x12e6aefff com.apple.AECore (4.6.6) <b0cc53c7-f94b-3554-8c9f-ce7bf5a33acf> /Applications/Final Cut  
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0x12f190000 - 0x12f2d3fff com.apple.compressor.StompUI (4.6.6) <bb40d431-eae9-3d15-a943-6418bcb42ef0> /Applications/Final Cut  
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0x12f3a8000 - 0x12f4cffff com.apple.compressor.StompTypes (4.6.6) <243798a8-7811-315d-ba31-a9d849c8cb8e> /Applications/Final Cut  
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0x12e5bb000 - 0x12e5c6fff com.apple.compressor.MediaServerAPI (4.6.6) <59cd1121-aa11-34cf-99ae-8bfc043ebc78> /Applications/Final Cut  
Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/MediaServerAPI.framework/Versions/A/MediaServerAPI

0x12e57b000 - 0x12e586fff com.apple.compressor.StompUtil (4.6.6) <e42fdd15-56c9-3c7b-bc5f-b3fc160c5924> /Applications/Final Cut  
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0x12e8ec000 - 0x12e92ffff com.apple.qmaster.SwampCore (4.6.6) <979659ee-7dd9-3be8-aaf1-0e66a9848451> /Applications/Final Cut  
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0x12e835000 - 0x12e844fff com.apple.qmaster.SwampUtil (4.6.6) <337b1f14-5ca5-319b-9388-647720a3aa9f> /Applications/Final Cut  
Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/SwampUtil.framework/Versions/A/SwampUtil

0x12eba2000 - 0x12ec41fff com.apple.qmaster.SwampTypes (4.6.6) <65ee1671-fa60-3e80-a65d-005f7e69aa2a> /Applications/Final Cut  
Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/SwampTypes.framework/Versions/A/SwampTypes

0x12eadb000 - 0x12eb2efff com.apple.qmaster.do (4.6.6) <115eda83-7636-321b-aa41-99503ab04139> /Applications/Final Cut  
Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/DistributedObjects.framework/Versions/A/DistributedObjects

0x12e72b000 - 0x12e736fff com.apple.qmaster.SwampService (4.6.6) <95fe20cb-2599-37e1-ba68-6ef69cfe0b93> /Applications/Final Cut  
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0x12e85d000 - 0x12e868fff com.apple.qmaster.Status (4.6.6) <3cd4fbd5-0902-39ec-b124-f08a8afb6281> /Applications/Final Cut  
Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/Status.framework/Versions/A/Status

0x12e885000 - 0x12e890fff com.apple.qmaster.RequestProcessing (4.6.6) <62c65855-554a-3570-a576-6c856805bb81> /Applications/Final Cut  
Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/RequestProcessing.framework/Versions/A/RequestProcessing

0x12e7e3000 - 0x12e7f6fff com.apple.qmaster.ServiceControl (4.6.6) <c6c84868-99b2-3065-ba42-ee95fd162911> /Applications/Final Cut

Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/ServiceControl.framework/Versions/A/ServiceControl  
0x12ecba000 - 0x12ed0dfff com.apple.qmaster.ContentControl (4.6.6) <bf85c1d9-c02a-3d19-b66e-8c5431dfd6b7> /Applications/Final Cut

Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/ContentControl.framework/Versions/A/ContentControl  
0x12e970000 - 0x12ea17fff com.apple.qmaster.JobControl (4.6.6) <64d92370-51b9-3e5c-ae62-ae61f1b1ae8a> /Applications/Final Cut

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0x12e59b000 - 0x12e5a6fff com.apple.qmaster.ClusterManager (4.6.6) <1e5bfc3b-e912-3d2c-ac8c-19d3435efd54> /Applications/Final Cut

Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/ClusterManager.framework/Versions/A/ClusterManager  
0x12e8a9000 - 0x12e8c4fff com.apple.qmaster.SwampUI (4.6.6) <544c7cb0-552f-370d-a9d3-8e89815cfce4> /Applications/Final Cut

Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Qmaster.framework/Versions/A/Frameworks/SwampUI.framework/Versions/A/SwampUI  
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Pro.app/Contents/PlugIns/Compressor/CompressorKit.bundle/Contents/Frameworks/Compressor.framework/Versions/A/Frameworks/ImageProcessing.framework/Versions/A/ImageProcessing  
0x12f9cc000 - 0x12fafbfff com.apple.compressor.transcoding (4.6.6) <138ad45e-bcd4-3099-b351-4db5e446e336> /Applications/Final Cut

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0x13322c000 - 0x13329bfff com.apple.cmio.DAL.ACD (7.0) <e5da2980-1257-3a4d-a166-8b0e34607c87> /Applications/Final Cut

Pro.app/Contents/PlugIns/DAL/ACD.plugin/Contents/MacOS/ACD  
0x1332b4000 - 0x1332f7fff com.apple.cmio.DAL.VDC-4 (810.0) <4435a6b1-0259-3a6c-8012-9ce66eaa081a>  
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0x11e26d000 - 0x11e274fff com.apple.CloudDocsFileProvider (1.0) <ff555cb2-b4f8-36d7-a136-7079179a10ef>  
/System/Library/Frameworks/FileProvider.framework/OverrideBundles/CloudDocsFileProvider.bundle/Contents/MacOS/CloudDocsFileProvider

0x12f721000 - 0x12f728fff com.apple.FileProviderOverride (855.140.6.700.2)  
<a7588f8a-92af-3184-8c40-a22dcfab238>

/System/Library/Frameworks/FileProvider.framework/OverrideBundles/FileProviderOverride.bundle/Contents/MacOS/FileProviderOverride  
0x133113000 - 0x13312efff  
com.apple.findersync.fileprovideroverride.FinderSyncCollaborationFileProviderOverride (13.5) <107aab23-364b-394c-898f-6dfaf73eeb08>  
/System/Library/Frameworks/FileProvider.framework/OverrideBundles/FinderSyncCollaborationFileProviderOverride.bundle/Contents/MacOS/FinderSyncCollaborationFileProviderOverride  
0x13b7ab000 - 0x13b8eafff com.apple.audio.units.Components (1.14) <fa5eec2b-b206-382a-a6a1-d7de5ed8ea17>  
/System/Library/Components/CoreAudio.component/Contents/MacOS/CoreAudio  
0x7ff803acd000 - 0x7ff803b06fff libsystem\_kernel.dylib (\*) <45e634ef-1767-336e-afe5-8c0d4146abcf> /usr/lib/system/libsystem\_kernel.dylib  
0x7ff803b6c000 - 0x7ff804008fef com.apple.CoreFoundation (6.9) <2476c521-a5f5-39ef-893e-e351a15f79bb>  
/System/Library/Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation  
0x7ff80d639000 - 0x7ff80d930ff9 com.apple.HIToolbox (2.1.1) <bbbf9caf-5b24-3c4c-b275-e85d272258c9>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox  
0x7ff806c45000 - 0x7ff807c4cfff com.apple.AppKit (6.9) <c5499c27-03c5-3194-815e-94cf6e6b68db> /System/Library/Frameworks/AppKit.framework/Versions/C/AppKit  
0x7ff8037ad000 - 0x7ff8038455ef dyld (\*) <3df96f32-b9c9-3566-a6b7-4daebc6d6563> /usr/lib/dyld  
0x7ff80d39c000 - 0x7ff80d3c0ff3 com.apple.audio.caulk (1.0) <63fe5cdd-eede-3c96-ba56-26b99b1c7b65> /System/Library/PrivateFrameworks/caulk.framework/Versions/A/caulk  
0x7ff803b07000 - 0x7ff803b12fff libsystem\_pthread.dylib (\*) <3a3fa85c-f1fe-336c-bf68-924fc947ade3> /usr/lib/system/libsystem\_pthread.dylib  
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0x7ff804a14000 - 0x7ff80539cff1 com.apple.Foundation (6.9) <b89cf05d-eccd-3756-96e6-e51c558f14c7> /System/Library/Frameworks/Foundation.framework/Versions/C/Foundation  
0x7ff80393c000 - 0x7ff803968fff libsystem\_malloc.dylib (\*) <6a31fb1a-acb9-3228-af11-bad80316df6d> /usr/lib/system/libsystem\_malloc.dylib  
0x7ff80928a000 - 0x7ff809379ff7 com.apple.ColorSync (4.13.0) <3de2d5f1-9ded-331f-b39a-55037a3d101c>  
/System/Library/Frameworks/ColorSync.framework/Versions/A/ColorSync  
0x7ff803969000 - 0x7ff8039b0ff3 libdispatch.dylib (\*) <677ae7f7-158f-328b-85e2-8a960327856d> /usr/lib/system/libdispatch.dylib  
0x7ff817d5d000 - 0x7ff817e04ff6 com.apple.DiscRecording (9.0.3) <d7b30d0c-9ae5-3f75-a64d-dd9a0d6ba954>  
/System/Library/Frameworks/DiscRecording.framework/Versions/A/DiscRecording

```

0x7ff813674000 - 0x7ff813796ffb com.apple.audio.toolbox.AudioToolbox (1.14) <daa4b03f-
61c7-3318-9d20-69beac5e2f0b>
/System/Library/Frameworks/AudioToolbox.framework/Versions/A/AudioToolbox
0x7ff812535000 - 0x7ff812566fe7 libAudioToolboxUtility.dylib (*) <59594683-d4b1-3a77-
afb7-b66dd704120a> /usr/lib/libAudioToolboxUtility.dylib
0x7ff803771000 - 0x7ff8037acff8 libobjc.A.dylib (*) <71bea5c7-72c8-3eb0-b28f-
1cdb651891b> /usr/lib/libobjc.A.dylib
0x7ff808b75000 - 0x7ff809289fea com.apple.CoreGraphics (2.0) <1963b2f3-012c-3b1c-
9c17-1628b51865d3>
/System/Library/Frameworks/CoreGraphics.framework/Versions/A/CoreGraphics
0x7ff80d981000 - 0x7ff80dc96ff4 com.apple.ImageIO (3.3.0) <597c6ab1-6840-329e-b10a-
17be0779a125> /System/Library/Frameworks/ImageIO.framework/Versions/A/ImageIO
0x0 - 0xffffffffffff ??? (*) <00000000-0000-0000-0000-000000000000> ???

```

#### External Modification Summary:

Calls made by other processes targeting this process:

```

task_for_pid: 0
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: 0
thread_create: 0
thread_set_state: 0

```

#### VM Region Summary:

ReadOnly portion of Libraries: Total=1.0G resident=0K(0%)

swapped\_out\_or\_unallocated=1.0G(100%)

Writable regions: Total=16.4G written=0K(0%) resident=0K(0%) swapped\_out=0K(0%)

unallocated=16.4G(100%)

| VIRTUAL REGION       |        |                       |
|----------------------|--------|-----------------------|
| REGION TYPE          | SIZE   | COUNT (non-coalesced) |
| =====                | =====  | =====                 |
| Accelerate framework | 384K   | 3                     |
| Activity Tracing     | 256K   | 1                     |
| CG backing stores    | 3840K  | 4                     |
| CG image             | 3752K  | 73                    |
| CG raster data       | 46.1M  | 108                   |
| ColorSync            | 772K   | 142                   |
| CoreAnimation        | 113.6M | 502                   |

|                                |        |       |                                         |
|--------------------------------|--------|-------|-----------------------------------------|
| CoreData Object IDs            | 4100K  | 2     |                                         |
| CoreGraphics                   | 16K    | 3     |                                         |
| CoreGraphics (reserved)        | 8K     | 1     | reserved VM address space (unallocated) |
| CoreImage                      | 68K    | 8     |                                         |
| CoreMedia memory pool          | 8960K  | 4     |                                         |
| CoreUI image data              | 6876K  | 53    |                                         |
| Foundation                     | 16K    | 1     |                                         |
| IOAccelerator                  | 14.7G  | 67556 |                                         |
| IOKit                          | 7940K  | 1     |                                         |
| Image IO                       | 2560K  | 1     |                                         |
| Kernel Alloc Once              | 8K     | 1     |                                         |
| MALLOC                         | 1.1G   | 787   |                                         |
| MALLOC guard page              | 32K    | 6     |                                         |
| MALLOC_LARGE (reserved)        | 7980K  | 1     | reserved VM address space (unallocated) |
| MALLOC_NANO (reserved)         | 384.0M | 1     | reserved VM address space (unallocated) |
| SQLite page cache              | 26.1M  | 209   |                                         |
| STACK GUARD                    | 56.1M  | 36    |                                         |
| Stack                          | 27.8M  | 36    |                                         |
| VM_ALLOCATE                    | 1068K  | 63    |                                         |
| __CTF                          | 824    | 1     |                                         |
| __DATA                         | 53.8M  | 798   |                                         |
| __DATA_CONST                   | 64.0M  | 582   |                                         |
| __DATA_DIRTY                   | 1934K  | 244   |                                         |
| __FONT_DATA                    | 2352   | 1     |                                         |
| __GLSLBUILTINS                 | 5174K  | 1     |                                         |
| __INFO_FILTER                  | 8      | 1     |                                         |
| __LINKEDIT                     | 215.0M | 123   |                                         |
| __OBJC_RO                      | 66.3M  | 1     |                                         |
| __OBJC_RW                      | 2013K  | 2     |                                         |
| __TEXT                         | 820.0M | 787   |                                         |
| dyld private memory            | 300K   | 4     |                                         |
| mapped file                    | 1.1G   | 1188  |                                         |
| shared memory                  | 9300K  | 28    |                                         |
| =====                          | =====  | ===== |                                         |
| TOTAL                          | 18.8G  | 73364 |                                         |
| TOTAL, minus reserved VM space | 18.4G  | 73364 |                                         |

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Full Report  
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swapped_out_or_unallocated=1.0G(100%)\nWritable regions: Total=16.4G written=0K(0%)
resident=0K(0%) swapped_out=0K(0%) unallocated=16.4G(100%)\n\n
VIRTUAL REGION \nREGION TYPE          SIZE  COUNT (non-coalesced) \n=====
===== \nAccelerate framework          384K    3 \nActivity Tracing             256K
1 \nCG backing stores          3840K    4 \nCG image              3752K    73 \nCG raster
data          46.1M   108 \nColorSync              772K   142 \nCoreAnimation
113.6M    502 \nCoreData Object IDs          4100K    2 \nCoreGraphics             16K
3 \nCoreGraphics (reserved)           8K     1 reserved VM address space
(unallocated)\nCoreImage              68K     8 \nCoreMedia memory pool      8960K
4 \nCoreUI image data          6876K   53 \nFoundation              16K     1
\nIOAccelerator          14.7G  67556 \nIOKit              7940K    1 \nImage IO
2560K    1 \nKernel Alloc Once           8K     1 \nMALLOC              1.1G   787
\nMALLOC guard page           32K     6 \nMALLOC_LARGE (reserved)      7980K    1
reserved VM address space (unallocated)\nMALLOC_NANO (reserved)    384.0M    1
reserved VM address space (unallocated)\nSQLite page cache        26.1M   209 \nSTACK
GUARD          56.1M   36 \nStack              27.8M   36 \nVM_ALLOCATE
1068K    63 \n__CTF              824     1 \n__DATA              53.8M   798
\n__DATA_CONST          64.0M   582 \n__DATA_DIRTY          1934K   244
\n__FONT_DATA          2352     1 \n__GLSLBUILTINS          5174K    1
\n__INFO_FILTER           8     1 \n__LINKEDIT          215.0M   123 \n__OBJC_RO
66.3M    1 \n__OBJC_RW          2013K    2 \n__TEXT          820.0M   787
\n dyld private memory          300K    4 \nmapped file          1.1G   1188 \nshared
memory          9300K   28 \n=====
18.8G   73364 \nTOTAL, minus reserved VM space  18.4G   73364 \n",
"legacyInfo" : {
"threadTriggered" : {
"queue" : "com.apple.FinalCut.imageSourceCacheQueue"
}
},
"logWritingSignature" : "475e344635653e1480152445caa3b016c24bb9d4",
"trialInfo" : {
"rollouts" : [
{
"rolloutId" : "63582c5f8a53461413999550",
"factorPackIds" : {

},
"deploymentId" : 240000002
},
{

```

```
"rolloutId" : "60da5e84ab0ca017dace9abf",
"factorPackIds" : {

},
"deploymentId" : 240000008
}
],
"experiments" : [
{
  "treatmentId" : "6dd670af-0633-45e4-ae5f-122ae4df02be",
  "experimentId" : "64406ba83deb637ac8a04419",
  "deploymentId" : 900000017
}
]
}
}
```

Model: iMac18,3, BootROM 515.0.0.0.0, 4 processors, Quad-Core Intel Core i5, 3.8 GHz, 8 GB, SMC 2.41f2

Graphics: Radeon Pro 580, Radeon Pro 580, PCIe, 8 GB

Display: iMac, Retina 5K (5120 x 2880), Main, MirrorOff, Online

Memory Module: BANK 0/DIMM0, 4 GB, DDR4 SO-DIMM, 2400 MHz, 0x80AD, 0x484D413835315336414652364E2D554820202020

Memory Module: BANK 1/DIMM0, 4 GB, DDR4 SO-DIMM, 2400 MHz, 0x80AD, 0x484D413835315336414652364E2D554820202020

AirPort: spairport\_wireless\_card\_type\_wifi (0x14E4, 0x16F), Broadcom BCM43xx 1.0 (7.77.111.1 AirPortDriverBrcmNIC-1772.1)

AirPort:

Bluetooth: Version (null), 0 services, 0 devices, 0 incoming serial ports

Network Service: Wi-Fi, AirPort, en1

Serial ATA Device: APPLE HDD ST2000DM001, 2 TB

USB Device: USB30Bus

USB Device: Bluetooth USB Host Controller

USB Device: FaceTime HD Camera (Built-in)

Thunderbolt Bus: iMac, Apple Inc., 41.5