

## Logos Crash report:

Comments: Open up logos and then open up an existing or new sentence diagram. Simply scroll up or down and the program freezes and ultimately crashes.

Process: Logos [623]  
Path: /Applications/Logos.app/Contents/MacOS/Logos  
Identifier: com.logos.Logos  
Version: 9.6.0.24 (62006.0.24)  
Code Type: X86-64 (Native)  
Parent Process: ??? [1]  
Responsible: Logos [623]  
User ID: 501

Date/Time: 2021-07-19 08:15:15.721 -0400  
OS Version: macOS 11.4 (20F71)  
Report Version: 12  
Anonymous UUID: 15E9E63F-3A8D-ADAB-69F4-1DA25D3B2165

Time Awake Since Boot: 230 seconds

System Integrity Protection: enabled

Crashed Thread: 0 tid\_103 Dispatch queue: com.apple.main-thread

Exception Type: EXC\_BAD\_INSTRUCTION (SIGABRT)  
Exception Codes: 0x0000000000000001, 0x0000000000000000  
Exception Note: EXC\_CORPSE\_NOTIFY

### Application Specific Information:

Crashing on exception: The window has been marked as needing another Display Window pass, but it has already had more Display Window passes than there are views in the window.

<TiledFrameWindow: 0x7ff1789b2a90> 0x45 (69) {{561, 55}, {1119, 970}}

Ephesians 5:15-33 en

abort() called

Application Specific Backtrace 1:

```
0 CoreFoundation          0x00007fff206f087b __exceptionPreprocess
+ 242
1 libobjc.A.dylib         0x00007fff20428d92 objc_exception_throw +
48
2 CoreFoundation          0x00007fff206f06df +[NSException
raise:format:] + 189
3 AppKit                  0x00007fff22e8f8a3 -
[NSWindow(NSDisplayCycle)
_postWindowNeedsDisplayUnlessPostingDisabled] + 1716
4 AppKit                  0x00007fff22e936ba -[NSView
setNeedsDisplayInRect:] + 262
5 AppKit                  0x00007fff22e93593 -[NSView
setNeedsDisplay:] + 52
6 ApplicationBundle       0x0000000103fecc97 -
[SentenceDiagramDiagramPanel mouseMoved:] + 390
7 LayoutKit               0x00000001107e66ed -[Panel
sendFakeMouseEnteredOrExitedEventsWithMouseLocation:] + 1145
8 LayoutKit               0x00000001107e6bbe -[Panel
updateTrackingAreas] + 527
9 AppKit                  0x00007fff237121d2 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 124
10 AppKit                  0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
11 AppKit                  0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
12 AppKit                  0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
13 AppKit                  0x00007fff22fb8d15 -[NSScrollView
_updateTrackingAreasWithInvalidCursorRects:] + 134
14 AppKit                  0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
15 AppKit                  0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
16 AppKit                  0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
17 AppKit                  0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
18 AppKit                  0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
19 AppKit                  0x00007fff23712a04 -[NSView
```

```

_updateTrackingAreasWithInvalidCursorRects:] + 2222
20 AppKit 0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
21 AppKit 0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
22 AppKit 0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
23 AppKit 0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
24 AppKit 0x00007fff23712a04 -[NSView
_updateTrackingAreasWithInvalidCursorRects:] + 2222
25 AppKit 0x00007fff22f55ae5
_NSWindowDisplayCycleUpdateStructuralRegions + 212
26 AppKit 0x00007fff22f5095f
__NSWindowGetDisplayCycleObserverForUpdateStructuralRegions_block_in
voke + 420
27 AppKit 0x00007fff22f4a1e5
NSDisplayCycleObserverInvoke + 155
28 AppKit 0x00007fff22f49d70 NSDisplayCycleFlush +
953
29 AppKit 0x00007fff22f57179 __37+[NSDisplayCycle
currentDisplayCycle]_block_invoke.18 + 906
30 QuartzCore 0x00007fff26ddb1f6
_ZN2CA11Transaction19run_commit_handlersE18CATransactionPhase + 92
31 QuartzCore 0x00007fff26f44181
_ZN2CA7Context18commit_transactionEPNS_11TransactionEdPd + 913
32 QuartzCore 0x00007fff26dda0df
_ZN2CA11Transaction6commitEv + 713
33 AppKit 0x00007fff22ff9cbc __62+
[CATransaction(NSCATransaction)
NS_setFlushesWithDisplayLink]_block_invoke + 285
34 AppKit 0x00007fff2374ecc3
__NSRunLoopObserverCreateWithHandler_block_invoke + 41
35 CoreFoundation 0x00007fff20675d31
__CFRUNLOOP_IS_CALLING_OUT_TO_AN_OBSERVER_CALLBACK_FUNCTI
ON__ + 23
36 CoreFoundation 0x00007fff20675bc5
__CFRunLoopDoObservers + 543
37 CoreFoundation 0x00007fff20675058 __CFRunLoopRun +
841
38 CoreFoundation 0x00007fff2067464c

```

```

CFRunLoopRunSpecific + 563
39 HIToolbox          0x00007fff288b2ab3
RunCurrentEventLoopInMode + 292
40 HIToolbox          0x00007fff288b2815
ReceiveNextEventCommon + 587
41 HIToolbox          0x00007fff288b25b3
_BlockUntilNextEventMatchingListInModeWithFilter + 70
42 AppKit              0x00007fff22e756f2 _DPSNextEvent + 864
43 AppKit              0x00007fff22e73ec5 -[NSApplication(NSEvent)
_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1364
44 AppKit              0x00007fff22e66239 -[NSApplication run] +
586
45 Logos               0x0000000100e05aee DesktopApplicationMain
+ 1426
46 Logos               0x0000000100e05bea main + 9
47 libdyld.dylib       0x00007fff20598f5d start + 1

```

```

Thread 0 Crashed:: tid_103 Dispatch queue: com.apple.main-thread
0 libsystem_kernel.dylib 0x00007fff2054e92e __pthread_kill + 10
1 libsystem_pthread.dylib 0x00007fff2057d5bd pthread_kill + 263
2 libsystem_c.dylib       0x00007fff204d2411 abort + 120
3 libmonosgen-2.0.1.dylib 0x00000001015ad44e
mono_post_native_crash_handler + 14
4 libmonosgen-2.0.1.dylib 0x0000000101548d4b
mono_handle_native_crash + 475
5 libmonosgen-2.0.1.dylib 0x00000001014a7160
mono_sigill_signal_handler + 80
6 libsystem_platform.dylib 0x00007fff205c2d7d _sigtramp + 29
7 ???                     0x0000600007b44ff0 0 + 105553245523952
8 com.apple.AppKit        0x00007fff22ff9ef8 __62+
[CATransaction(NSCATransaction)
NS_setFlushesWithDisplayLink]_block_invoke + 857
9 com.apple.AppKit        0x00007fff2374ecc3
___NSRunLoopObserverCreateWithHandler_block_invoke + 41
10 com.apple.CoreFoundation 0x00007fff20675d31
__CFRUNLOOP_IS_CALLING_OUT_TO_AN_OBSERVER_CALLBACK_FUNCTION__ + 23
11 com.apple.CoreFoundation 0x00007fff20675bc5
__CFRunLoopDoObservers + 543
12 com.apple.CoreFoundation 0x00007fff20675058 __CFRunLoopRun
+ 841

```

13	com.apple.CoreFoundation	0x00007fff2067464c
	CFRunLoopRunSpecific + 563	
14	com.apple.HIToolbox	0x00007fff288b2ab3
	RunCurrentEventLoopInMode + 292	
15	com.apple.HIToolbox	0x00007fff288b2815
	ReceiveNextEventCommon + 587	
16	com.apple.HIToolbox	0x00007fff288b25b3
	_BlockUntilNextEventMatchingListInModeWithFilter + 70	
17	com.apple.AppKit	0x00007fff22e756f2 _DPSNextEvent + 864
18	com.apple.AppKit	0x00007fff22e73ec5 -
	[NSApplication(NSEvent)	
	_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1364	
19	com.apple.AppKit	0x00007fff22e66239 -[NSApplication run] +
	586	
20	com.logos.Logos	0x0000000100e05aee
	DesktopApplicationMain + 1426	
21	com.logos.Logos	0x0000000100e05bea main + 9
22	libdyld.dylib	0x00007fff20598f5d start + 1

Thread 1:: SGen worker

0	libsystem_kernel.dylib	0x00007fff2054acde __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff2057de49 _pthread_cond_wait +
	1298	
2	libmonosgen-2.0.1.dylib	0x0000000101784991 thread_func + 449
3	libsystem_pthread.dylib	0x00007fff2057d8fc _pthread_start + 224
4	libsystem_pthread.dylib	0x00007fff20579443 thread_start + 15

Thread 2:: Finalizer

0	libsystem_kernel.dylib	0x00007fff205482f6 semaphore_wait_trap
	+ 10	
1	libmonosgen-2.0.1.dylib	0x000000010173089f finalizer_thread + 287
2	libmonosgen-2.0.1.dylib	0x00000001016dd9b8
	start_wrapper_internal + 408	
3	libmonosgen-2.0.1.dylib	0x00000001016dd7f7 start_wrapper + 71
4	libsystem_pthread.dylib	0x00007fff2057d8fc _pthread_start + 224
5	libsystem_pthread.dylib	0x00007fff20579443 thread_start + 15

Thread 3:: com.apple.NSEventThread

0	libsystem_kernel.dylib	0x00007fff205482ba mach_msg_trap + 10
1	libsystem_kernel.dylib	0x00007fff2054862c mach_msg + 60
2	com.apple.CoreFoundation	0x00007fff20676b5f

```

__CFRunLoopServiceMachPort + 316
3  com.apple.CoreFoundation      0x00007fff2067523f __CFRunLoopRun
+ 1328
4  com.apple.CoreFoundation      0x00007fff2067464c
CFRunLoopRunSpecific + 563
5  com.apple.AppKit              0x00007fff22ffb68a _NSEventThread + 124
6  libsystem_pthread.dylib        0x00007fff2057d8fc _pthread_start + 224
7  libsystem_pthread.dylib        0x00007fff20579443 thread_start + 15

```

Thread 4:: Thread Pool Worker

```

0  libsystem_kernel.dylib        0x00007fff2054830e
semaphore_timedwait_trap + 10
1  libmonosgen-2.0.1.dylib      0x000000010160db3c worker_thread + 812
2  libmonosgen-2.0.1.dylib      0x00000001016dd9b8
start_wrapper_internal + 408
3  libmonosgen-2.0.1.dylib      0x00000001016dd7f7 start_wrapper + 71
4  libsystem_pthread.dylib        0x00007fff2057d8fc _pthread_start + 224
5  libsystem_pthread.dylib        0x00007fff20579443 thread_start + 15

```

Thread 5:: Timer-Scheduler

```

0  libsystem_kernel.dylib        0x00007fff2054acde __psynch_cvwait + 10
1  libsystem_pthread.dylib        0x00007fff2057de7f _pthread_cond_wait +
1352
2  libmonosgen-2.0.1.dylib      0x0000000101796411
mono_os_cond_timedwait + 81
3  libmonosgen-2.0.1.dylib      0x00000001016fb715
mono_w32handle_timedwait_signal_handle + 213
4  libmonosgen-2.0.1.dylib      0x00000001016fb5d6
mono_w32handle_wait_one + 758
5  libmonosgen-2.0.1.dylib      0x00000001016fb867
mono_w32handle_wait_multiple + 199
6  libmonosgen-2.0.1.dylib      0x00000001016d72c1
ves_icall_System.Threading.WaitHandle.Wait_internal + 161
7  libmonosgen-2.0.1.dylib      0x000000010166b0cd
ves_icall_System.Threading.WaitHandle.Wait_internal_raw + 93
8  ???                            0x0000000123094958 0 + 4882778456
9  ???                            0x0000000123093e0b 0 + 4882775563
10 ???                          0x0000000125014c67 0 + 4915809383
11 ???                          0x0000000123095d2b 0 + 4882783531
12 libmonosgen-2.0.1.dylib      0x00000001014aa6f0
mono_jit_runtime_invoke + 1568

```

13 libmonosgen-2.0.1.dylib 0x00000001016b1667  
mono\_runtime\_invoke\_checked + 135  
14 libmonosgen-2.0.1.dylib 0x00000001016b81ad  
mono\_runtime\_delegate\_try\_invoke + 157  
15 libmonosgen-2.0.1.dylib 0x00000001016ddaa7  
start\_wrapper\_internal + 647  
16 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
17 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
18 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

#### Thread 6:: PreferencesManagerCore

0 libsystem\_kernel.dylib 0x00007fff2054acde \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff2057de49 \_pthread\_cond\_wait +  
1298  
2 libmonosgen-2.0.1.dylib 0x000000010179642d  
mono\_os\_cond\_timedwait + 109  
3 libmonosgen-2.0.1.dylib 0x00000001016fb715  
mono\_w32handle\_timedwait\_signal\_handle + 213  
4 libmonosgen-2.0.1.dylib 0x00000001016fb5d6  
mono\_w32handle\_wait\_one + 758  
5 libmonosgen-2.0.1.dylib 0x0000000101732159  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait + 457  
6 libmonosgen-2.0.1.dylib 0x00000001016695ce  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait\_raw + 78  
7 ??? 0x00000001253a5426 0 + 4919546918  
8 ??? 0x00000001253a509b 0 + 4919546011  
9 ??? 0x0000000125014c67 0 + 4915809383  
10 ??? 0x0000000123095d2b 0 + 4882783531  
11 libmonosgen-2.0.1.dylib 0x00000001014aa6f0  
mono\_jit\_runtime\_invoke + 1568  
12 libmonosgen-2.0.1.dylib 0x00000001016b1667  
mono\_runtime\_invoke\_checked + 135  
13 libmonosgen-2.0.1.dylib 0x00000001016b81ad  
mono\_runtime\_delegate\_try\_invoke + 157  
14 libmonosgen-2.0.1.dylib 0x00000001016ddaa7  
start\_wrapper\_internal + 647  
15 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
16 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
17 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

#### Thread 7:: SynchronizationContextOperationManager

0	libsystem_kernel.dylib	0x00007fff2054acde	__psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff2057de49	_pthread_cond_wait + 1298
2	libmonosgen-2.0.1.dylib	0x000000010179642d	mono_os_cond_timedwait + 109
3	libmonosgen-2.0.1.dylib	0x00000001016fb715	mono_w32handle_timedwait_signal_handle + 213
4	libmonosgen-2.0.1.dylib	0x00000001016fb5d6	mono_w32handle_wait_one + 758
5	libmonosgen-2.0.1.dylib	0x0000000101732159	ves_icall_System.Threading_Monitor_Monitor_wait + 457
6	libmonosgen-2.0.1.dylib	0x00000001016695ce	ves_icall_System.Threading_Monitor_Monitor_wait_raw + 78
7	???	0x00000001253a5426	0 + 4919546918
8	???	0x00000001253a509b	0 + 4919546011
9	???	0x0000000125014c67	0 + 4915809383
10	???	0x0000000123095d2b	0 + 4882783531
11	libmonosgen-2.0.1.dylib	0x00000001014aa6f0	mono_jit_runtime_invoke + 1568
12	libmonosgen-2.0.1.dylib	0x00000001016b1667	mono_runtime_invoke_checked + 135
13	libmonosgen-2.0.1.dylib	0x00000001016b81ad	mono_runtime_delegate_try_invoke + 157
14	libmonosgen-2.0.1.dylib	0x00000001016ddaa7	start_wrapper_internal + 647
15	libmonosgen-2.0.1.dylib	0x00000001016dd7f7	start_wrapper + 71
16	libsystem_pthread.dylib	0x00007fff2057d8fc	_pthread_start + 224
17	libsystem_pthread.dylib	0x00007fff20579443	thread_start + 15

Thread 8:: Thread Pool Worker

0	libsystem_kernel.dylib	0x00007fff2054830e	semaphore_timedwait_trap + 10
1	libmonosgen-2.0.1.dylib	0x000000010160db3c	worker_thread + 812
2	libmonosgen-2.0.1.dylib	0x00000001016dd9b8	start_wrapper_internal + 408
3	libmonosgen-2.0.1.dylib	0x00000001016dd7f7	start_wrapper + 71
4	libsystem_pthread.dylib	0x00007fff2057d8fc	_pthread_start + 224
5	libsystem_pthread.dylib	0x00007fff20579443	thread_start + 15

Thread 9:: tid\_12f03

0	libsystem_kernel.dylib	0x00007fff2054e9ca	poll + 10
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1 ??? 0x00000001259614e3 0 + 4925560035

Thread 10:: PreferencesManager

0 libsystem\_kernel.dylib 0x00007fff2054acde \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff2057de49 \_pthread\_cond\_wait +  
1298  
2 libmonosgen-2.0.1.dylib 0x000000010179642d  
mono\_os\_cond\_timedwait + 109  
3 libmonosgen-2.0.1.dylib 0x00000001016fb715  
mono\_w32handle\_timedwait\_signal\_handle + 213  
4 libmonosgen-2.0.1.dylib 0x00000001016fb5d6  
mono\_w32handle\_wait\_one + 758  
5 libmonosgen-2.0.1.dylib 0x0000000101732159  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait + 457  
6 libmonosgen-2.0.1.dylib 0x00000001016695ce  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait\_raw + 78  
7 ??? 0x00000001253a5426 0 + 4919546918  
8 ??? 0x00000001253a509b 0 + 4919546011  
9 ??? 0x0000000125014c67 0 + 4915809383  
10 ??? 0x0000000123095d2b 0 + 4882783531  
11 libmonosgen-2.0.1.dylib 0x00000001014aa6f0  
mono\_jit\_runtime\_invoke + 1568  
12 libmonosgen-2.0.1.dylib 0x00000001016b1667  
mono\_runtime\_invoke\_checked + 135  
13 libmonosgen-2.0.1.dylib 0x00000001016b81ad  
mono\_runtime\_delegate\_try\_invoke + 157  
14 libmonosgen-2.0.1.dylib 0x00000001016ddaa7  
start\_wrapper\_internal + 647  
15 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
16 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
17 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 11:: Thread Pool Worker

0 libsystem\_kernel.dylib 0x00007fff2054830e  
semaphore\_timedwait\_trap + 10  
1 libmonosgen-2.0.1.dylib 0x000000010160db3c worker\_thread + 812  
2 libmonosgen-2.0.1.dylib 0x00000001016dd9b8  
start\_wrapper\_internal + 408  
3 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
4 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
5 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 12:: tid\_12803

0	libsystem_kernel.dylib	0x00007fff2054acde	__psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff2057de49	_pthread_cond_wait + 1298
2	libmonosgen-2.0.1.dylib	0x000000010179642d	mono_os_cond_timedwait + 109
3	libmonosgen-2.0.1.dylib	0x00000001016fb715	mono_w32handle_timedwait_signal_handle + 213
4	libmonosgen-2.0.1.dylib	0x00000001016fb5d6	mono_w32handle_wait_one + 758
5	libmonosgen-2.0.1.dylib	0x0000000101732159	ves_icall_System.Threading.Monitor.Monitor_wait + 457
6	libmonosgen-2.0.1.dylib	0x00000001016695ce	ves_icall_System.Threading.Monitor.Monitor_wait_raw + 78
7	???	0x00000001253a5426	0 + 4919546918
8	???	0x00000001253a509b	0 + 4919546011
9	???	0x0000000125014c67	0 + 4915809383
10	???	0x0000000123095d2b	0 + 4882783531
11	libmonosgen-2.0.1.dylib	0x00000001014aa6f0	mono_jit_runtime_invoke + 1568
12	libmonosgen-2.0.1.dylib	0x00000001016b1667	mono_runtime_invoke_checked + 135
13	libmonosgen-2.0.1.dylib	0x00000001016b81ad	mono_runtime_delegate_try_invoke + 157
14	libmonosgen-2.0.1.dylib	0x00000001016ddaa7	start_wrapper_internal + 647
15	libmonosgen-2.0.1.dylib	0x00000001016dd7f7	start_wrapper + 71
16	libsystem_pthread.dylib	0x00007fff2057d8fc	_pthread_start + 224
17	libsystem_pthread.dylib	0x00007fff20579443	thread_start + 15

Thread 13:: Thread Pool I/O Selector

0	libsystem_kernel.dylib	0x00007fff20550656	__select + 10
1	libmonosgen-2.0.1.dylib	0x0000000101799329	mono_poll + 377
2	libmonosgen-2.0.1.dylib	0x00000001016e29dc	poll_event_wait + 220
3	libmonosgen-2.0.1.dylib	0x00000001016e22f1	selector_thread + 1313
4	libmonosgen-2.0.1.dylib	0x00000001016dd9b8	start_wrapper_internal + 408
5	libmonosgen-2.0.1.dylib	0x00000001016dd7f7	start_wrapper + 71

6 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
7 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 14:: LibraryCatalogResourceUse

0 libsystem\_kernel.dylib 0x00007fff2054acde \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff2057de49 \_pthread\_cond\_wait +  
1298  
2 libmonosgen-2.0.1.dylib 0x000000010179642d  
mono\_os\_cond\_timedwait + 109  
3 libmonosgen-2.0.1.dylib 0x00000001016fb715  
mono\_w32handle\_timedwait\_signal\_handle + 213  
4 libmonosgen-2.0.1.dylib 0x00000001016fb5d6  
mono\_w32handle\_wait\_one + 758  
5 libmonosgen-2.0.1.dylib 0x0000000101732159  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait + 457  
6 libmonosgen-2.0.1.dylib 0x00000001016695ce  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait\_raw + 78  
7 ??? 0x00000001253a5426 0 + 4919546918  
8 ??? 0x00000001253a509b 0 + 4919546011  
9 ??? 0x0000000125014c67 0 + 4915809383  
10 ??? 0x0000000123095d2b 0 + 4882783531  
11 libmonosgen-2.0.1.dylib 0x00000001014aa6f0  
mono\_jit\_runtime\_invoke + 1568  
12 libmonosgen-2.0.1.dylib 0x00000001016b1667  
mono\_runtime\_invoke\_checked + 135  
13 libmonosgen-2.0.1.dylib 0x00000001016b81ad  
mono\_runtime\_delegate\_try\_invoke + 157  
14 libmonosgen-2.0.1.dylib 0x00000001016ddaa7  
start\_wrapper\_internal + 647  
15 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
16 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
17 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 15:: SyncManager

0 libsystem\_kernel.dylib 0x00007fff2054acde \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff2057de7f \_pthread\_cond\_wait +  
1352  
2 libmonosgen-2.0.1.dylib 0x0000000101796411  
mono\_os\_cond\_timedwait + 81  
3 libmonosgen-2.0.1.dylib 0x00000001016fb715  
mono\_w32handle\_timedwait\_signal\_handle + 213

4 libmonosgen-2.0.1.dylib 0x00000001016fb5d6  
mono\_w32handle\_wait\_one + 758  
5 libmonosgen-2.0.1.dylib 0x0000000101732159  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait + 457  
6 libmonosgen-2.0.1.dylib 0x00000001016695ce  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait\_raw + 78  
7 ??? 0x00000001253a5426 0 + 4919546918  
8 ??? 0x00000001253a509b 0 + 4919546011  
9 ??? 0x0000000125014c67 0 + 4915809383  
10 ??? 0x0000000123095d2b 0 + 4882783531  
11 libmonosgen-2.0.1.dylib 0x00000001014aa6f0  
mono\_jit\_runtime\_invoke + 1568  
12 libmonosgen-2.0.1.dylib 0x00000001016b1667  
mono\_runtime\_invoke\_checked + 135  
13 libmonosgen-2.0.1.dylib 0x00000001016b81ad  
mono\_runtime\_delegate\_try\_invoke + 157  
14 libmonosgen-2.0.1.dylib 0x00000001016ddaa7  
start\_wrapper\_internal + 647  
15 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
16 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
17 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 16:: CommunityClient

0 libsystem\_kernel.dylib 0x00007fff2054acde \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff2057de7f \_pthread\_cond\_wait +  
1352  
2 libmonosgen-2.0.1.dylib 0x0000000101796411  
mono\_os\_cond\_timedwait + 81  
3 libmonosgen-2.0.1.dylib 0x00000001016fb715  
mono\_w32handle\_timedwait\_signal\_handle + 213  
4 libmonosgen-2.0.1.dylib 0x00000001016fb5d6  
mono\_w32handle\_wait\_one + 758  
5 libmonosgen-2.0.1.dylib 0x0000000101732159  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait + 457  
6 libmonosgen-2.0.1.dylib 0x00000001016695ce  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait\_raw + 78  
7 ??? 0x00000001253a5426 0 + 4919546918  
8 ??? 0x00000001253a509b 0 + 4919546011  
9 ??? 0x0000000125014ca6 0 + 4915809446  
10 ??? 0x0000000123095d2b 0 + 4882783531  
11 libmonosgen-2.0.1.dylib 0x00000001014aa6f0

mono\_jit\_runtime\_invoke + 1568  
12 libmonosgen-2.0.1.dylib 0x00000001016b1667  
mono\_runtime\_invoke\_checked + 135  
13 libmonosgen-2.0.1.dylib 0x00000001016b81ad  
mono\_runtime\_delegate\_try\_invoke + 157  
14 libmonosgen-2.0.1.dylib 0x00000001016ddaa7  
start\_wrapper\_internal + 647  
15 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
16 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
17 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 17:: Thread Pool Worker

0 libsystem\_kernel.dylib 0x00007fff2054830e  
semaphore\_timedwait\_trap + 10  
1 libmonosgen-2.0.1.dylib 0x000000010160db3c worker\_thread + 812  
2 libmonosgen-2.0.1.dylib 0x00000001016dd9b8  
start\_wrapper\_internal + 408  
3 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
4 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
5 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 18:: Thread Pool Worker

0 libsystem\_kernel.dylib 0x00007fff2054830e  
semaphore\_timedwait\_trap + 10  
1 libmonosgen-2.0.1.dylib 0x000000010160db3c worker\_thread + 812  
2 libmonosgen-2.0.1.dylib 0x00000001016dd9b8  
start\_wrapper\_internal + 408  
3 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
4 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
5 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 19:: tid\_11c03

0 libsystem\_kernel.dylib 0x00007fff2054acde \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff2057de49 \_pthread\_cond\_wait +  
1298  
2 libmonosgen-2.0.1.dylib 0x000000010179642d  
mono\_os\_cond\_timedwait + 109  
3 libmonosgen-2.0.1.dylib 0x00000001016fb715  
mono\_w32handle\_timedwait\_signal\_handle + 213  
4 libmonosgen-2.0.1.dylib 0x00000001016fb5d6  
mono\_w32handle\_wait\_one + 758

5 libmonosgen-2.0.1.dylib 0x0000000101732159  
ves\_icall\_System.Threading.Monitor.Monitor\_wait + 457  
6 libmonosgen-2.0.1.dylib 0x00000001016695ce  
ves\_icall\_System.Threading.Monitor.Monitor\_wait\_raw + 78  
7 ??? 0x00000001253a5426 0 + 4919546918  
8 ??? 0x00000001253a509b 0 + 4919546011  
9 ??? 0x0000000125014c67 0 + 4915809383  
10 ??? 0x0000000123095d2b 0 + 4882783531  
11 libmonosgen-2.0.1.dylib 0x00000001014aa6f0  
mono\_jit\_runtime\_invoke + 1568  
12 libmonosgen-2.0.1.dylib 0x00000001016b1667  
mono\_runtime\_invoke\_checked + 135  
13 libmonosgen-2.0.1.dylib 0x00000001016b81ad  
mono\_runtime\_delegate\_try\_invoke + 157  
14 libmonosgen-2.0.1.dylib 0x00000001016ddaa7  
start\_wrapper\_internal + 647  
15 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
16 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
17 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 20:: tid\_f603

0 libsystem\_kernel.dylib 0x00007fff2054acde \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff2057de49 \_pthread\_cond\_wait +  
1298  
2 libmonosgen-2.0.1.dylib 0x000000010179642d  
mono\_os\_cond\_timedwait + 109  
3 libmonosgen-2.0.1.dylib 0x00000001016fb715  
mono\_w32handle\_timedwait\_signal\_handle + 213  
4 libmonosgen-2.0.1.dylib 0x00000001016fb5d6  
mono\_w32handle\_wait\_one + 758  
5 libmonosgen-2.0.1.dylib 0x0000000101732159  
ves\_icall\_System.Threading.Monitor.Monitor\_wait + 457  
6 libmonosgen-2.0.1.dylib 0x00000001016695ce  
ves\_icall\_System.Threading.Monitor.Monitor\_wait\_raw + 78  
7 ??? 0x00000001253a5426 0 + 4919546918  
8 ??? 0x00000001253a509b 0 + 4919546011  
9 ??? 0x0000000125014c67 0 + 4915809383  
10 ??? 0x0000000123095d2b 0 + 4882783531  
11 libmonosgen-2.0.1.dylib 0x00000001014aa6f0  
mono\_jit\_runtime\_invoke + 1568  
12 libmonosgen-2.0.1.dylib 0x00000001016b1667

mono\_runtime\_invoke\_checked + 135  
13 libmonosgen-2.0.1.dylib 0x00000001016b81ad  
mono\_runtime\_delegate\_try\_invoke + 157  
14 libmonosgen-2.0.1.dylib 0x00000001016ddaa7  
start\_wrapper\_internal + 647  
15 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
16 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
17 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 21:: ResourceViewTracker

0 libsystem\_kernel.dylib 0x00007fff2054acde \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff2057de7f \_pthread\_cond\_wait + 1352  
2 libmonosgen-2.0.1.dylib 0x0000000101796411  
mono\_os\_cond\_timedwait + 81  
3 libmonosgen-2.0.1.dylib 0x00000001016fb715  
mono\_w32handle\_timedwait\_signal\_handle + 213  
4 libmonosgen-2.0.1.dylib 0x00000001016fb5d6  
mono\_w32handle\_wait\_one + 758  
5 libmonosgen-2.0.1.dylib 0x0000000101732159  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait + 457  
6 libmonosgen-2.0.1.dylib 0x00000001016695ce  
ves\_icall\_System.Threading\_Monitor\_Monitor\_wait\_raw + 78  
7 ??? 0x00000001253a5426 0 + 4919546918  
8 ??? 0x00000001253a509b 0 + 4919546011  
9 ??? 0x0000000125014c67 0 + 4915809383  
10 ??? 0x0000000123095d2b 0 + 4882783531  
11 libmonosgen-2.0.1.dylib 0x00000001014aa6f0  
mono\_jit\_runtime\_invoke + 1568  
12 libmonosgen-2.0.1.dylib 0x00000001016b1667  
mono\_runtime\_invoke\_checked + 135  
13 libmonosgen-2.0.1.dylib 0x00000001016b81ad  
mono\_runtime\_delegate\_try\_invoke + 157  
14 libmonosgen-2.0.1.dylib 0x00000001016ddaa7  
start\_wrapper\_internal + 647  
15 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
16 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
17 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 22:: LocalSqlCache

0 libsystem\_kernel.dylib 0x00007fff2054acde \_\_psynch\_cvwait + 10

1 libsystem\_pthread.dylib 0x00007fff2057de49 \_pthread\_cond\_wait + 1298  
2 libmonosgen-2.0.1.dylib 0x000000010179642d mono\_os\_cond\_timedwait + 109  
3 libmonosgen-2.0.1.dylib 0x00000001016fb715 mono\_w32handle\_timedwait\_signal\_handle + 213  
4 libmonosgen-2.0.1.dylib 0x00000001016fb5d6 mono\_w32handle\_wait\_one + 758  
5 libmonosgen-2.0.1.dylib 0x0000000101732159 ves\_icall\_System.Threading\_Monitor\_Monitor\_wait + 457  
6 libmonosgen-2.0.1.dylib 0x00000001016695ce ves\_icall\_System.Threading\_Monitor\_Monitor\_wait\_raw + 78  
7 ??? 0x00000001253a5426 0 + 4919546918  
8 ??? 0x00000001253a509b 0 + 4919546011  
9 ??? 0x0000000125014c67 0 + 4915809383  
10 ??? 0x0000000123095d2b 0 + 4882783531  
11 libmonosgen-2.0.1.dylib 0x00000001014aa6f0 mono\_jit\_runtime\_invoke + 1568  
12 libmonosgen-2.0.1.dylib 0x00000001016b1667 mono\_runtime\_invoke\_checked + 135  
13 libmonosgen-2.0.1.dylib 0x00000001016b81ad mono\_runtime\_delegate\_try\_invoke + 157  
14 libmonosgen-2.0.1.dylib 0x00000001016ddaa7 start\_wrapper\_internal + 647  
15 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
16 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
17 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

#### Thread 23:: V8 WorkerThread

0 libsystem\_kernel.dylib 0x00007fff205482f6 semaphore\_wait\_trap + 10  
1 libV8Helper.dylib 0x0000000129fc5937 v8::base::Semaphore::Wait() + 23  
2 libV8Helper.dylib 0x0000000129fcfb80 v8::platform::TaskQueue::GetNext() + 64  
3 libV8Helper.dylib 0x0000000129fd2559 v8::platform::WorkerThread::Run() + 89  
4 libV8Helper.dylib 0x0000000129fc8d07 v8::base::ThreadEntry(void\*) + 87  
5 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
6 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15



Thread 24:: V8 WorkerThread

0 libsystem\_kernel.dylib 0x00007fff205482f6 semaphore\_wait\_trap + 10  
1 libV8Helper.dylib 0x0000000129fc5937  
v8::base::Semaphore::Wait() + 23  
2 libV8Helper.dylib 0x0000000129fcfb80  
v8::platform::TaskQueue::GetNext() + 64  
3 libV8Helper.dylib 0x0000000129fd2559  
v8::platform::WorkerThread::Run() + 89  
4 libV8Helper.dylib 0x0000000129fc8d07  
v8::base::ThreadEntry(void\*) + 87  
5 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
6 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 25:: V8 WorkerThread

0 libsystem\_kernel.dylib 0x00007fff205482f6 semaphore\_wait\_trap + 10  
1 libV8Helper.dylib 0x0000000129fc5937  
v8::base::Semaphore::Wait() + 23  
2 libV8Helper.dylib 0x0000000129fcfb80  
v8::platform::TaskQueue::GetNext() + 64  
3 libV8Helper.dylib 0x0000000129fd2559  
v8::platform::WorkerThread::Run() + 89  
4 libV8Helper.dylib 0x0000000129fc8d07  
v8::base::ThreadEntry(void\*) + 87  
5 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
6 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 26:: com.apple.coreaudio.AQClient

0 libsystem\_kernel.dylib 0x00007fff205482ba mach\_msg\_trap + 10  
1 libsystem\_kernel.dylib 0x00007fff2054862c mach\_msg + 60  
2 com.apple.CoreFoundation 0x00007fff20676b5f  
\_\_CFRunLoopServiceMachPort + 316  
3 com.apple.CoreFoundation 0x00007fff2067523f \_\_CFRunLoopRun + 1328  
4 com.apple.CoreFoundation 0x00007fff2067464c  
CFRunLoopRunSpecific + 563  
5 com.apple.audio.toolbox.AudioToolbox 0x00007fff2cdd1112  
GenericRunLoopThread::Entry(void\*) + 166  
6 libAudioToolboxUtility.dylib 0x00007fff2bdeb2f5

CADeprecated::CAPThread::Entry(CADeprecated::CAPThread\*) + 77  
7 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
8 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 27:

0 libsystem\_kernel.dylib 0x00007fff205482f6 semaphore\_wait\_trap  
+ 10  
1 com.apple.audio.caulk 0x00007fff2862e8da  
caulk::mach::semaphore::wait\_or\_error() + 16  
2 com.apple.audio.caulk 0x00007fff2861b836  
caulk::semaphore::timed\_wait(double) + 110  
3 com.apple.audio.caulk 0x00007fff2861b784  
caulk::concurrent::details::worker\_thread::run() + 30  
4 com.apple.audio.caulk 0x00007fff2861b502 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\*) + 45  
5 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
6 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 28:: AMCP Logging Spool

0 libsystem\_kernel.dylib 0x00007fff205482f6 semaphore\_wait\_trap  
+ 10  
1 com.apple.audio.caulk 0x00007fff2862e8da  
caulk::mach::semaphore::wait\_or\_error() + 16  
2 com.apple.audio.caulk 0x00007fff2861b836  
caulk::semaphore::timed\_wait(double) + 110  
3 com.apple.audio.caulk 0x00007fff2861b784  
caulk::concurrent::details::worker\_thread::run() + 30  
4 com.apple.audio.caulk 0x00007fff2861b502 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\*) + 45  
5 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
6 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 29:: Thread Pool Worker

0 libsystem\_kernel.dylib 0x00007fff2054830e  
semaphore\_timedwait\_trap + 10  
1 libmonosgen-2.0.1.dylib 0x000000010160db3c worker\_thread + 812  
2 libmonosgen-2.0.1.dylib 0x00000001016dd9b8

start\_wrapper\_internal + 408  
3 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
4 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
5 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 30:: Thread Pool Worker

0 libsystem\_kernel.dylib 0x00007fff2054830e  
semaphore\_timedwait\_trap + 10  
1 libmonosgen-2.0.1.dylib 0x000000010160db3c worker\_thread + 812  
2 libmonosgen-2.0.1.dylib 0x00000001016dd9b8  
start\_wrapper\_internal + 408  
3 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
4 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
5 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 31:: Thread Pool Worker

0 libsystem\_kernel.dylib 0x00007fff2054830e  
semaphore\_timedwait\_trap + 10  
1 libmonosgen-2.0.1.dylib 0x000000010160db3c worker\_thread + 812  
2 libmonosgen-2.0.1.dylib 0x00000001016dd9b8  
start\_wrapper\_internal + 408  
3 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
4 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
5 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 32:: Thread Pool Worker

0 libsystem\_kernel.dylib 0x00007fff2054830e  
semaphore\_timedwait\_trap + 10  
1 libmonosgen-2.0.1.dylib 0x000000010160db3c worker\_thread + 812  
2 libmonosgen-2.0.1.dylib 0x00000001016dd9b8  
start\_wrapper\_internal + 408  
3 libmonosgen-2.0.1.dylib 0x00000001016dd7f7 start\_wrapper + 71  
4 libsystem\_pthread.dylib 0x00007fff2057d8fc \_pthread\_start + 224  
5 libsystem\_pthread.dylib 0x00007fff20579443 thread\_start + 15

Thread 33:: UserEventManager

0 libsystem\_kernel.dylib 0x00007fff2054acde \_\_psynch\_cvwait + 10  
1 libsystem\_pthread.dylib 0x00007fff2057de7f \_pthread\_cond\_wait +  
1352  
2 libmonosgen-2.0.1.dylib 0x0000000101796411  
mono\_os\_cond\_timedwait + 81

3	libmonosgen-2.0.1.dylib	0x00000001016fb715	
	mono_w32handle_timedwait_signal_handle + 213		
4	libmonosgen-2.0.1.dylib	0x00000001016fb5d6	
	mono_w32handle_wait_one + 758		
5	libmonosgen-2.0.1.dylib	0x0000000101732159	
	ves_icall_System.Threading_Monitor_Monitor_wait + 457		
6	libmonosgen-2.0.1.dylib	0x00000001016695ce	
	ves_icall_System.Threading_Monitor_Monitor_wait_raw + 78		
7	???	0x00000001253a5426 0 + 4919546918	
8	???	0x00000001253a509b 0 + 4919546011	
9	???	0x0000000125014c67 0 + 4915809383	
10	???	0x0000000123095d2b 0 + 4882783531	
11	libmonosgen-2.0.1.dylib	0x00000001014aa6f0	
	mono_jit_runtime_invoke + 1568		
12	libmonosgen-2.0.1.dylib	0x00000001016b1667	
	mono_runtime_invoke_checked + 135		
13	libmonosgen-2.0.1.dylib	0x00000001016b81ad	
	mono_runtime_delegate_try_invoke + 157		
14	libmonosgen-2.0.1.dylib	0x00000001016ddaa7	
	start_wrapper_internal + 647		
15	libmonosgen-2.0.1.dylib	0x00000001016dd7f7	start_wrapper + 71
16	libsystem_pthread.dylib	0x00007fff2057d8fc	_pthread_start + 224
17	libsystem_pthread.dylib	0x00007fff20579443	thread_start + 15

Thread 34:: tid\_2c203

0	libsystem_kernel.dylib	0x00007fff2054acde	__psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff2057de49	_pthread_cond_wait + 1298
2	com.logos.MonoHost	0x0000000114610d52	-
	[MonoHostObjectCleanupThread main] + 460		
3	com.apple.Foundation	0x00007fff213fb477	__NSThread__start__ + 1068
4	libsystem_pthread.dylib	0x00007fff2057d8fc	_pthread_start + 224
5	libsystem_pthread.dylib	0x00007fff20579443	thread_start + 15

Thread 35:

0	libsystem_pthread.dylib	0x00007fff20579420	start_wqthread + 0
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Thread 36:: tid\_f407

0	libsystem_kernel.dylib	0x00007fff2054acde	__psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff2057de7f	_pthread_cond_wait +

```

1352
2 libmonosgen-2.0.1.dylib      0x00000000101796411
mono_os_cond_timedwait + 81
3 libmonosgen-2.0.1.dylib      0x000000001017a24f6
mono_thread_info_sleep + 614
4 libmonosgen-2.0.1.dylib      0x0000000010160d5f4 monitor_thread +
996
5 libmonosgen-2.0.1.dylib      0x000000001016dd9b8
start_wrapper_internal + 408
6 libmonosgen-2.0.1.dylib      0x000000001016dd7f7 start_wrapper + 71
7 libsystem_pthread.dylib      0x00007fff2057d8fc _pthread_start + 224
8 libsystem_pthread.dylib      0x00007fff20579443 thread_start + 15

```

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

```

rax: 0x0000000000000000 rbx: 0x00000000101e82e00 rcx:
0x00007ffeedfa958 rdx: 0x0000000000000000
rdi: 0x00000000000000103 rsi: 0x00000000000000006 rbp:
0x00007ffeedfa980 rsp: 0x00007ffeedfa958
r8: 0x00007ffeedfa328 r9: 0x00007ffeedfa5a0 r10:
0x00000000101e82e00 r11: 0x00000000000000246
r12: 0x00000000000000103 r13: 0x00007ff16bf13580 r14:
0x00000000000000006 r15: 0x00000000000000016
rip: 0x00007fff2054e92e rfi: 0x00000000000000246 cr2:
0x00007fffde473644

```

```

Logical CPU:    0
Error Code:    0x02000148
Trap Number:   133

```

Thread 0 instruction stream:

```

00 e8 6e 42 7b 00 48 8b-35 ab f8 a3 5d 48 8b 1d ..nB{.H.5...]H..
c4 49 25 64 4c 89 f7 ff-d3 48 8d 3d 30 aa 28 64 .l%dL....H.=0.(d
48 89 c6 31 c0 e8 25 0e-e2 ff 4c 89 f7 4c 89 fe H..1..%...L..L..
ff d3 48 8b 35 97 31 a4-5d 48 8d 15 70 9a 28 64 ..H.5.1.]H..p.(d
48 89 c7 ff 15 8f 49 25-64 48 8b 35 30 e8 a3 5d H.....l%dH.50..]
48 89 c7 ff 15 7f 49 25-64 48 89 05 78 cb a9 5d H.....l%dH..x..]
[0f]0b 48 89 c7 e8 80 47-7b 00 31 ff 31 f6 31 c0 ..H....G{.1.1.1. <==
e8 da 0d e2 ff e8 a0 47-7b 00 0f 0b 48 89 c3 e8 .....G{...H...
8a 47 7b 00 48 89 df e8-ec 40 7b 00 0f 0b e8 77 .G{.H....@{....w
48 7b 00 55 48 89 e5 41-57 41 56 41 55 41 54 53 H{.UH..AWAVAUATS
48 83 ec 78 4d 89 c4 f2-0f 11 8d 70 ff ff ff f2 H..xM.....p....

```

Of 11 85 78 ff ff ff 49-89 cd 48 89 d3 48 8b 35 ...x...l..H..H.5

Thread 0 last branch register state not available.

Binary Images:

0x100e03000 - 0x100e05fff +com.logos.Logos (9.6.0.24 - 62006.0.24) <695CA534-32A8-3DA2-A8BA-6F896835177F> /Applications/Logos.app/Contents/MacOS/Logos

0x10149a000 - 0x101887fff +libmonosgen-2.0.1.dylib (0) <0C5997DB-1E45-3CC1-AAD3-BC224BB5869F> /Applications/Logos.app/Contents/Frameworks/FaithlifeDesktop.framework/Versions/9.6.0.24/Frameworks/ApplicationBundle.framework/Versions/A/Resources/lib/libmonosgen-2.0.1.dylib

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0x101d96000 - 0x101d9afff +com.logos.MarshalUtility (9.6.0.24 - 62006.0.24) <3F251061-D651-3BED-AABF-F8313E474660> /Applications/Logos.app/Contents/Frameworks/FaithlifeDesktop.framework/Versions/9.6.0.24/Frameworks/ApplicationBundle.framework/Versions/A/Frameworks/MarshalUtility.framework/Versions/A/MarshalUtility

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ApplicationBundle

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0x105a0d000 - 0x105a95fff +libsqlite3.25.3.dylib (0) <1C8A456F-0668-3BC9-8BAF-DF5D8CD3361D> /Applications/Logos.app/Contents/Frameworks/FaithlifeDesktop.framework/Versions/9.6.0.24/Frameworks/ApplicationBundle.framework/Versions/A/Resources/lib/libsqlite3.25.3.dylib

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0x106a1a000 - 0x106a36fff +libSinaiInterop.dylib (0) <73E05360-EFA2-3F6F-A248-D20A9E711482> /Applications/Logos.app/Contents/Frameworks/FaithlifeDesktop.framework/Versions/9.6.0.24/Frameworks/ApplicationBundle.framework/Versions/A/Resources/lib/libSinaiInterop.dylib

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0x1107b1000 - 0x1107c0fff +com.logos.CrashReporter (1.0.2 - 1.0.2) <86404A4F-F77A-3ADB-B665-496CEEA196DD> /Applications/Logos.app/Contents/Frameworks/FaithlifeDesktop.framework/Versions/9.6.0.24/Frameworks/ApplicationBundle.framework/Versions/A/Frameworks/CrashReporter.framework/Versions/A/CrashReporter

0x1107d2000 - 0x110881fff +com.logos.LayoutKit (9.6.0.24 - 62006.0.24) <BCB36307-231C-3823-B281-FB922A35F0E9> /Applications/Logos.app/Contents/Frameworks/FaithlifeDesktop.framework/Versions/9.6.0.24/Frameworks/ApplicationBundle.framework/Versions/A/Frameworks/LayoutKit.framework/Versions/A/LayoutKit

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0x11464c000 - 0x114658fff +com.growl.growlframework (1.2.1 - 1.2.1) <40462CEC-EE57-4FAD-A138-221D365DC5E4> /Applications/Logos.app/Contents/Frameworks/FaithlifeDesktop.framework/Versions/9.6.0.24/Frameworks/ApplicationBundle.framework/Versions/A/Frameworks/Growl.framework/Versions/A/Growl

0x114669000 - 0x114684fff +net.sourceforge.appscript.objc-appscript (0.1.0) <4F3EB79A-1D1D-36EE-9E3E-7184819F32A2> / Applications/Logos.app/Contents/Frameworks/FaithlifeDesktop.framework/Versions/9.6.0.24/Frameworks/ApplicationBundle.framework/Versions/A/Frameworks/Appscript.framework/Versions/A/Appscript

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+libUtility.Macintosh.NativeHelpers.dylib (0) <8166DE5F-5AAA-329B-965CED85170A19A7> /Applications/Logos.app/Contents/Frameworks/FaithlifeDesktop.framework/Versions/9.6.0.24/Frameworks/ApplicationBundle.framework/Versions/A/Resources/lib/libUtility.Macintosh.NativeHelpers.dylib

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0x177711000 - 0x177718fff com.apple.audio.AppleHDAHALPlugIn (283.15 - 283.15) <A3A6DCDC-B5DA-33D4-AC82-3737A556DC04> /System/Library/Extensions/AppleHDA.kext/Contents/PlugIns/AppleHDAHALPlugIn.bundle/Contents/MacOS/AppleHDAHALPlugIn

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A/CoreServicesInternal

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CoreServicesStore

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0x7fff22ddd000 - 0x7fff22de8fff libsystem\_notify.dylib (279.40.4)  
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SearchKit.framework/Versions/A/SearchKit

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## MetalPerformanceShaders

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MultitouchSupport

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DSEExternalDisplay

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Frameworks/ApplicationServices.framework/Versions/A/Frameworks/  
ATSUI.framework/Versions/A/ATSUI

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LocationSupport  
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SpeechSynthesis.framework/Versions/A/SpeechSynthesis

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ATS.framework/Versions/A/ATS

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SecurityInterface

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Frameworks/CoreMediaIO.framework/Versions/A/CoreMediaIO

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LangAnalysis.framework/Versions/A/LangAnalysis

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

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QD.framework/Versions/A/QD

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AudioResourceArbitration.framework/Versions/A/AudioResourceArbitration

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CorePhoneNumbers

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liblaunch.dylib

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EB9C-34CB-B2FE-3C216012A9ED> /usr/lib/libffi.dylib

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0x7fff2e678000 - 0x7fff2e693fff com.apple.MetalKit (147.1 - 147.1) <0CDAEB1F-E05B-332B-A7D8-2F3F66DFFE06> /System/Library/Frameworks/MetalKit.framework/Versions/A/MetalKit

0x7fff2e877000 - 0x7fff2fd6afff com.apple.GeoServices (1.0 - 1757.25.3.15.4) <4507DDFE-EFF6-324D-A2BE-7D3FC044C58F> /System/Library/PrivateFrameworks/GeoServices.framework/Versions/A/GeoServices

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AppleIDAuthSupport  
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509.100.12) <9505CC08-5C6F-3A53-9641-77BE14255FD8> /System/  
Library/PrivateFrameworks/AppSandbox.framework/Versions/A/AppSandbox  
0x7fff31701000 - 0x7fff31895fff com.apple.AVFCore (1.0 - 2015.22.4.1)  
<74A21338-3085-30C2-B847-115DE68E2C88> /System/Library/  
PrivateFrameworks/AVFCore.framework/Versions/A/AVFCore  
0x7fff31896000 - 0x7fff31905fff com.apple.FrontBoardServices

(703.16 - 703.16) <2EC33C3E-5E19-39D0-A68B-49AEBA793A51> /System/Library/PrivateFrameworks/FrontBoardServices.framework/Versions/A/FrontBoardServices

0x7fff31906000 - 0x7fff3192ffff com.apple.BoardServices (1.0 - 526) <E3782FD7-8D04-3554-BEDF-EB5A95EFCB2F> /System/Library/PrivateFrameworks/BoardServices.framework/Versions/A/BoardServices

0x7fff31930000 - 0x7fff3195bfff com.apple.contacts.vCard (1.0 - 3497.5) <5F24823D-AAFF-3208-8CDD-A8DC81766B77> /System/Library/PrivateFrameworks/vCard.framework/Versions/A/vCard

0x7fff31971000 - 0x7fff3198cfff com.apple.ExtensionKit (19.4 - 19.4) <4105ABB5-0569-3956-8B12-5B2B3F0B9FED> /System/Library/PrivateFrameworks/ExtensionKit.framework/Versions/A/ExtensionKit

0x7fff3198d000 - 0x7fff31993fff com.apple.ExtensionFoundation (19.4 - 19.4) <B41921B6-F42C-3DFF-AAD6-E38CFD4489C0> /System/Library/PrivateFrameworks/ExtensionFoundation.framework/Versions/A/ExtensionFoundation

0x7fff31994000 - 0x7fff319d9fff com.apple.CryptoTokenKit (1.0 - 1) <E02C6EA3-A802-38A4-80A7-774B2DA3DB86> /System/Library/Frameworks/CryptoTokenKit.framework/Versions/A/CryptoTokenKit

0x7fff319da000 - 0x7fff319f0fff com.apple.LocalAuthentication (1.0 - 827.120.2) <E618BEAF-CF4A-3D96-8495-412844D2023A> /System/Library/Frameworks/LocalAuthentication.framework/Versions/A/LocalAuthentication

0x7fff319f1000 - 0x7fff31a1efff com.apple.CoreAuthentication.SharedUtils (1.0 - 827.120.2) <1095DB0A-7EE5-37A3-B0DC-7BB3DEE9E7BF> /System/Library/Frameworks/LocalAuthentication.framework/Support/SharedUtils.framework/Versions/A/SharedUtils

0x7fff31a93000 - 0x7fff31ad4fff com.apple.CoreHaptics (1.0 - 1) <481EFBF3-57BA-3C79-B48A-271E5FCFC0F4> /System/Library/Frameworks/CoreHaptics.framework/Versions/A/CoreHaptics

0x7fff31ad5000 - 0x7fff31ae1fff libexslt.0.dylib (17.4) <16513180-5134-333E-967E-3330B49A43E6> /usr/lib/libexslt.0.dylib

0x7fff31ae2000 - 0x7fff31b21fff com.apple.AppleVPAFramework (3.26.1 - 3.26.1) <32F14A37-1FAB-3216-B3FD-D1FA9E4790DC> /System/Library/PrivateFrameworks/AppleVPA.framework/Versions/A/AppleVPA

0x7fff31bd4000 - 0x7fff31c0ffff com.apple.DebugSymbols (195.1 - 195.1) <A8313A86-04C7-37DC-A5D7-FF54EE39BC70> /System/Library/PrivateFrameworks/DebugSymbols.framework/Versions/A/DebugSymbols

0x7fff31c10000 - 0x7fff31cc5fff com.apple.CoreSymbolication (12.5 - 64544.69.1) <8D4E5AA8-8C09-31A7-AABE-AA9421781821> /System/Library/PrivateFrameworks/CoreSymbolication.framework/Versions/A/

## CoreSymbolication

0x7fff31cc6000 - 0x7fff31ccffff com.apple.CoreTime (284.0.4)  
<A9351B53-5048-39AD-BC68-170474CAB8CB> /System/Library/  
PrivateFrameworks/CoreTime.framework/Versions/A/CoreTime

0x7fff31cd0000 - 0x7fff31d45fff com.apple.Rapport (2.5.0 - 250.5)  
<BF029957-E942-3D6C-8BC6-65A495DF8930> /System/Library/  
PrivateFrameworks/Rapport.framework/Versions/A/Rapport

0x7fff325fe000 - 0x7fff3264afff com.apple.coreduetcontext (1.0 - 1)  
<4787141A-0DFB-3198-91F8-ECEACD6E48A8> /System/Library/  
PrivateFrameworks/CoreDuetContext.framework/Versions/A/  
CoreDuetContext

## CoreDuetContext

0x7fff3264b000 - 0x7fff32bb7fff com.apple.Intents (1.0 - 1)  
<D94DC04B-C226-3471-987C-098B6177A978> /System/Library/  
Frameworks/Intents.framework/Versions/A/Intents

0x7fff32bb8000 - 0x7fff32c1bfff com.apple.framework.Apple80211  
(17.0 - 1728) <6C1C9532-AD79-3E68-BFBB-2279AC8EA776> /System/  
Library/PrivateFrameworks/Apple80211.framework/Versions/A/Apple80211

0x7fff32c1c000 - 0x7fff32d6dfff com.apple.CoreWiFi (3.0 - 341)  
<E1A3027C-0657-3609-8F5C-D89BF6B4B422> /System/Library/  
PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi

0x7fff32d6e000 - 0x7fff32d88fff com.apple.BackBoardServices (1.0 -  
1.0) <9CDA42E0-5F41-3647-866A-D3C265B21A57> /System/Library/  
PrivateFrameworks/BackBoardServices.framework/Versions/A/  
BackBoardServices

0x7fff32d89000 - 0x7fff32dc0fff com.apple.LDAPFramework (2.4.28 -  
194.5) <DDC1A94A-3537-3980-904B-31C54DA385C9> /System/Library/  
Frameworks/LDAP.framework/Versions/A/LDAP

0x7fff32dc1000 - 0x7fff32dc2fff com.apple.TrustEvaluationAgent (2.0 -  
35) <736DE13E-CC75-3D3A-BE5B-AF75CC241E0B> /System/Library/  
PrivateFrameworks/TrustEvaluationAgent.framework/Versions/A/  
TrustEvaluationAgent

## TrustEvaluationAgent

0x7fff32dc3000 - 0x7fff32ec8fff libcrypto.44.dylib (56.60.2)  
<777B260D-CD90-3AE2-986E-2E4D021E6ACC> /usr/lib/libcrypto.44.dylib

0x7fff32ec9000 - 0x7fff32ef6fff libssl.46.dylib (56.60.2)  
<F2AE005F-3974-38D1-AA71-26201D27031F> /usr/lib/libssl.46.dylib

0x7fff32ef7000 - 0x7fff32fa6fff com.apple.DiskImagesFramework  
(595.120.2 - 595.120.2) <443A6BBE-9265-3419-AFCA-2CDFB12902BE> /  
System/Library/PrivateFrameworks/DiskImages.framework/Versions/A/  
DiskImages

0x7fff32fa7000 - 0x7fff32fddfff  
com.apple.SystemConfiguration.EAP8021X (14.0.0 - 14.0)

<29C790C7-2F2B-3005-AD7A-28E2211F347E> /System/Library/  
PrivateFrameworks/EAP8021X.framework/Versions/A/EAP8021X  
0x7fff32fde000 - 0x7fff32fedfff com.apple.RemoteServiceDiscovery  
(1.0 - 1.120.1) <00009125-85E9-3214-9CA3-EC1AB4EF8D77> /System/  
Library/PrivateFrameworks/RemoteServiceDiscovery.framework/Versions/A/  
RemoteServiceDiscovery  
0x7fff33006000 - 0x7fff3304afff  
com.apple.DataDetectorsNaturalLanguage (1.0 - 159.1)  
<31938175-0DBF-3E4C-93C1-7895D3824C16> /System/Library/  
PrivateFrameworks/DataDetectorsNaturalLanguage.framework/Versions/A/  
DataDetectorsNaturalLanguage  
0x7fff3304b000 - 0x7fff3304efff com.apple.help (1.3.8 - 71)  
<F8B97715-17C5-3789-8B89-5F08EFB70709> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Frameworks/Help.framework/  
Versions/A/Help  
0x7fff3304f000 - 0x7fff33056fff com.apple.EFILogin (2.0 - 2)  
<32EC4CD5-A6BD-31E9-BE52-BF79845F9EDB> /System/Library/  
PrivateFrameworks/EFILogin.framework/Versions/A/EFILogin  
0x7fff33057000 - 0x7fff33062fff libcsfde.dylib (554) <D4C66851-  
FDFC-3B94-8B21-DCA76BDFE724> /usr/lib/libcsfde.dylib  
0x7fff33063000 - 0x7fff330c9fff libcurl.4.dylib (121.100.3)  
<5701AB53-D57D-38AE-8E76-ADBC03205B84> /usr/lib/libcurl.4.dylib  
0x7fff330ca000 - 0x7fff330d1fff com.apple.LoginUICore (4.0 - 4.0)  
<B3A81901-6B1B-380D-81B9-16607D66ED67> /System/Library/  
PrivateFrameworks/LoginUIKit.framework/Versions/A/Frameworks/  
LoginUICore.framework/Versions/A/LoginUICore  
0x7fff330d2000 - 0x7fff33134fff com.apple.AppSupport (1.0.0 - 29)  
<92721008-EEA9-3487-8609-FF41ADAAA3FF> /System/Library/  
PrivateFrameworks/AppSupport.framework/Versions/A/AppSupport  
0x7fff331d4000 - 0x7fff33298fff com.apple.GameController (1.0 - 1)  
<C9271A39-E03C-3E08-BE5E-43DEA43BE46C> /System/Library/  
Frameworks/GameController.framework/Versions/A/GameController  
0x7fff332a1000 - 0x7fff332a1fff com.apple.ApplicationServices (48 -  
50) <374F91E8-9983-363E-B1E1-85CEB46A5D1E> /System/Library/  
Frameworks/ApplicationServices.framework/Versions/A/ApplicationServices  
0x7fff332a2000 - 0x7fff332a4fff com.apple.InternationalTextSearch  
(1.0 - 1) <BBF18374-B23C-3B42-80B2-353460BD9C4F> /System/Library/  
PrivateFrameworks/InternationalTextSearch.framework/Versions/A/  
InternationalTextSearch  
0x7fff332a5000 - 0x7fff3331dfff com.apple.ClassKit (1.2 - 146.5.2)  
<FBF4CE53-C0D7-3B6A-9824-18BDAB54D9BA> /System/Library/

Frameworks/ClassKit.framework/Versions/A/ClassKit

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<1EF4F1C7-D107-3F37-8BBE-C3EFD9F3D883> /System/Library/

PrivateFrameworks/AppleAccount.framework/Versions/A/AppleAccount

0x7fff33463000 - 0x7fff334a2fff com.apple.AppleIDSSOAuthentication  
(1.0 - 1) <ADF094F3-BEDB-39E6-8B1B-916C22204DA0> /System/Library/

PrivateFrameworks/AppleIDSSOAuthentication.framework/Versions/A/  
AppleIDSSOAuthentication

0x7fff334a3000 - 0x7fff334affff com.apple.CorePrediction (1.0 - 1)  
<8E0EE180-E544-3F72-A230-BCB7D6771C63> /System/Library/

PrivateFrameworks/CorePrediction.framework/Versions/A/CorePrediction

0x7fff335b6000 - 0x7fff335b6fff libHeimdalProxy.dylib (79)  
<68F67BFE-F1E8-341C-A065-08954EF3F684> /System/Library/

Frameworks/Kerberos.framework/Versions/A/Libraries/libHeimdalProxy.dylib

0x7fff33669000 - 0x7fff33669fff com.apple.audio.units.AudioUnit  
(1.14 - 1.14) <CD5DF240-D8F7-3349-88DC-423962E5A289> /System/  
Library/Frameworks/AudioUnit.framework/Versions/A/AudioUnit

0x7fff3368d000 - 0x7fff336d0fff com.apple.StreamingZip (1.0 - 1)  
<D5CEAC33-8D9C-3D74-9E5D-909F86441F4D> /System/Library/  
PrivateFrameworks/StreamingZip.framework/Versions/A/StreamingZip

0x7fff336d1000 - 0x7fff336effff com.apple.DuetActivityScheduler (1.0  
- 1) <9FF58D0E-56F1-38EB-96C6-D1BA55BE1EBE> /System/Library/

PrivateFrameworks/DuetActivityScheduler.framework/Versions/A/  
DuetActivityScheduler

0x7fff33704000 - 0x7fff33710fff com.apple.IntentsFoundation (1.0 - 1)  
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PrivateFrameworks/IntentsFoundation.framework/Versions/A/  
IntentsFoundation

0x7fff33711000 - 0x7fff33716fff com.apple.PushKit (1.0 - 1)  
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Frameworks/PushKit.framework/Versions/A/PushKit

0x7fff33717000 - 0x7fff3374afff com.apple.C2 (1.3 - 573)  
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PrivateFrameworks/C2.framework/Versions/A/C2

0x7fff3374b000 - 0x7fff3377bfff com.apple.QuickLookThumbnailing  
(1.0 - 135.5) <9442BCC8-9ED9-360E-82FA-648E6E37E993> /System/  
Library/Frameworks/QuickLookThumbnailing.framework/Versions/A/

QuickLookThumbnailing

0x7fff3377c000 - 0x7fff337dffff com.apple.vision.EspressoFramework  
(1.0 - 256.4.4) <2EBDF634-79CA-3977-9475-F972111CD0D8> /System/  
Library/PrivateFrameworks/Esspresso.framework/Versions/A/Esspresso

0x7fff33f7e000 - 0x7fff33f95fff com.apple.ANEServices (4.75 - 4.75)  
<B9463BEA-1D41-3752-9B6B-23030C33E91D> /System/Library/  
PrivateFrameworks/ANEServices.framework/Versions/A/ANEServices

0x7fff33f96000 - 0x7fff33ffbf00  
com.apple.proactive.support.ProactiveSupport (1.0 - 294.7)  
<5C96A4C0-1EE7-3AB6-9E5C-CFE05DD86E72> /System/Library/  
PrivateFrameworks/ProactiveSupport.framework/Versions/A/  
ProactiveSupport

0x7fff33ffc000 - 0x7fff34006fff com.apple.corerecents (1.0 - 1)  
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PrivateFrameworks/CoreRecents.framework/Versions/A/CoreRecents

0x7fff34007000 - 0x7fff34038fff com.apple.iCalendar (7.0 - 833)  
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PrivateFrameworks/iCalendar.framework/Versions/A/iCalendar

0x7fff34039000 - 0x7fff340a9fff com.apple.CalendarFoundation (8.0 -  
1178.4.1) <C9895340-9EAF-328F-8309-CF6769C6C38E> /System/Library/  
PrivateFrameworks/CalendarFoundation.framework/Versions/A/  
CalendarFoundation

0x7fff340aa000 - 0x7fff340acfff com.apple.CoreDuetDebugLogging  
(1.0 - 1) <5F33048C-F4E2-331E-8FCE-3EA938BEFBA3> /System/Library/  
PrivateFrameworks/CoreDuetDebugLogging.framework/Versions/A/  
CoreDuetDebugLogging

0x7fff340ad000 - 0x7fff340b9fff com.apple.CoreDuetDaemonProtocol  
(1.0 - 1) <F29DAB6C-45E3-3C08-91C4-82AC67BB3E91> /System/Library/  
PrivateFrameworks/CoreDuetDaemonProtocol.framework/Versions/A/  
CoreDuetDaemonProtocol

0x7fff3434d000 - 0x7fff3461ffff com.apple.spotlight.index (10.7.0 -  
2150.21) <0CE8905D-4E46-3328-8332-A6FE6FFAD7B6> /System/Library/  
PrivateFrameworks/SpotlightIndex.framework/Versions/A/SpotlightIndex

0x7fff34638000 - 0x7fff34688fff com.apple.ChunkingLibrary (334.1 -  
334.1) <27ED7D22-A3D4-3161-A5DF-485711DB2F48> /System/Library/  
PrivateFrameworks/ChunkingLibrary.framework/Versions/A/ChunkingLibrary

0x7fff347bf000 - 0x7fff3480efff com.apple.CalDAV (8.0 - 795)  
<9A942246-B95A-37FD-99AF-CABBDC70C810> /System/Library/  
PrivateFrameworks/CalDAV.framework/Versions/A/CalDAV

0x7fff3480f000 - 0x7fff348acfff com.apple.CoreSuggestions (1.0 -  
1115.519) <63FBAFB2-592C-3C62-8A51-602FCB0780A3> /System/Library/  
PrivateFrameworks/CoreSuggestions.framework/Versions/A/CoreSuggestions

0x7fff348ad000 - 0x7fff34a37fff com.apple.ical.EventKit (3.0 -  
1414.3.1) <CA5CE226-43AC-3CF1-A40C-A3ED94C0C753> /System/Library/  
Frameworks/EventKit.framework/Versions/A/EventKit

0x7fff34a38000 - 0x7fff34d09fff com.apple.CalendarPersistence (8.0 - 1071.4.4) <35335B37-B641-3445-B301-A7DD4937DCC7> /System/Library/PrivateFrameworks/CalendarPersistence.framework/Versions/A/CalendarPersistence

0x7fff34d0a000 - 0x7fff34d2ffff com.apple.CalendarAgentLink (8.0 - 250) <A6C431D3-5D70-323B-9419-06417B8C8831> /System/Library/PrivateFrameworks/CalendarAgentLink.framework/Versions/A/CalendarAgentLink

0x7fff34d30000 - 0x7fff34d3afff com.apple.RTCReporting (11.85.2 - 11.85.2) <9EB70C4A-08ED-3EA8-8D44-8E00EBCF333C> /System/Library/PrivateFrameworks/RTCReporting.framework/Versions/A/RTCReporting

0x7fff34d3b000 - 0x7fff34ee1fff com.apple.WebKitLegacy (16611 - 16611.2.7.1.4) <EA99C9C6-ABE8-3D18-BD75-EA4332A2069D> /System/Library/Frameworks/WebKit.framework/Versions/A/Frameworks/WebKitLegacy.framework/Versions/A/WebKitLegacy

0x7fff34ee2000 - 0x7fff34ee4fff com.apple.ConstantClasses (1.0 - 1) <53A4025A-6518-36F9-B927-23F4EEDEF7AE> /System/Library/PrivateFrameworks/ConstantClasses.framework/Versions/A/ConstantClasses

0x7fff34efc000 - 0x7fff34f11fff com.apple.CoreML.AppleNeuralEngine (1.0 - 1) <45EF4CAF-6202-303F-BB4F-8CC0EC8AE20B> /System/Library/PrivateFrameworks/AppleNeuralEngine.framework/Versions/A/AppleNeuralEngine

0x7fff34f67000 - 0x7fff34fd2fff com.apple.audio.midi.CoreMIDI (2.0 - 88) <10E7AF8A-AE30-39B6-BB56-0ACD7F835A81> /System/Library/Frameworks/CoreMIDI.framework/Versions/A/CoreMIDI

0x7fff35094000 - 0x7fff35097fff com.apple.Cocoa (6.11 - 23) <2686C6E1-1182-34AA-9A3A-F7BC19DED4CB> /System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa

0x7fff350e1000 - 0x7fff354cdfff com.apple.AppleMediaServices (1.0 - 1) <8876688A-EB71-3DA0-B5A8-08FC2AED0EE0> /System/Library/PrivateFrameworks/AppleMediaServices.framework/Versions/A/AppleMediaServices

0x7fff35505000 - 0x7fff35967fff com.apple.MediaRemote (1.0 - 1) <77089C71-29BE-3CF8-9130-49873FE78A70> /System/Library/PrivateFrameworks/MediaRemote.framework/Versions/A/MediaRemote

0x7fff35c57000 - 0x7fff35c5efff com.apple.DisplayServicesFW (3.1 - 380) <188826AE-34D8-39C6-B58B-10EFEB683DA7> /System/Library/PrivateFrameworks/DisplayServices.framework/Versions/A/DisplayServices

0x7fff36197000 - 0x7fff3642bfff libAWDSupportFramework.dylib (4205) <1EA95A6F-05E5-3761-8D63-B0EA65979848> /System/Library/PrivateFrameworks/WirelessDiagnostics.framework/Versions/A/Libraries/



libAWDSupportFramework.dylib

0x7fff3649f000 - 0x7fff364cffff libtidy.A.dylib (18.1)

<49BB5870-8F69-35C0-9A9A-DE589727ED65> /usr/lib/libtidy.A.dylib

0x7fff364d0000 - 0x7fff364f0fff com.apple.MarkupUI (1.0 - 383.6)

<283E1B55-1E46-3FC1-9DC3-48C07B432FAC> /System/Library/  
PrivateFrameworks/MarkupUI.framework/Versions/A/MarkupUI

0x7fff364f1000 - 0x7fff36504fff com.apple.Engram (1.0 - 1)

<96563E93-C7B4-3BD3-9CE7-46BF006DF337> /System/Library/  
PrivateFrameworks/Engram.framework/Versions/A/Engram

0x7fff36505000 - 0x7fff36528fff com.apple.openscripting (1.7 - 190)

<9EAC55CC-0ECC-3B41-BF97-53C32496C689> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Frameworks/  
OpenScripting.framework/Versions/A/OpenScripting

0x7fff36529000 - 0x7fff3652cfff com.apple.securityhi (9.0 - 55008)

<56A728F6-162E-31DE-9C29-FB1BE44C6B89> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Frameworks/  
SecurityHI.framework/Versions/A/SecurityHI

0x7fff3652d000 - 0x7fff36530fff com.apple.ink.framework (10.15 -  
227) <65FAEF94-F18C-30E0-8129-952DE19A5FAF> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Frameworks/Ink.framework/  
Versions/A/Ink

0x7fff36531000 - 0x7fff36534fff com.apple.CommonPanels (1.2.6 -  
101) <45DFDB05-1408-34B4-A2AD-5416C5176C26> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Frameworks/  
CommonPanels.framework/Versions/A/CommonPanels

0x7fff36535000 - 0x7fff3653cfff com.apple.ImageCapture (1711.5.2 -  
1711.5.2) <E3BCD3B4-4792-390D-890B-B7A860088A4C> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Frameworks/  
ImageCapture.framework/Versions/A/ImageCapture

0x7fff3653d000 - 0x7fff37729fff com.apple.JavaScriptCore (16611 -  
16611.2.7.1.4) <DFBCB49C-2D23-3C51-BAD0-54C1B67585BA> /System/  
Library/Frameworks/JavaScriptCore.framework/Versions/A/JavaScriptCore

0x7fff37795000 - 0x7fff378a7fff com.apple.AVFCapture (1.0 - 82.6)  
<30FBE4F0-8C28-3C34-9F0E-C4B6BF0A631B> /System/Library/  
PrivateFrameworks/AVFCapture.framework/Versions/A/AVFCapture

0x7fff378a8000 - 0x7fff3793bfff com.apple.Quagga (47 - 47)  
<B3799C11-61CD-3312-8B52-3437352F819F> /System/Library/  
PrivateFrameworks/Quagga.framework/Versions/A/Quagga

0x7fff3793c000 - 0x7fff37b86fff com.apple.CMCapture (1.0 - 82.6)  
<C539C9A9-C030-36BA-B0CD-4FBDA9B8EFEF> /System/Library/  
PrivateFrameworks/CMCapture.framework/Versions/A/CMCapture

0x7fff37f22000 - 0x7fff37fcffff com.apple.accounts.AccountsDaemon (113 - 113) <F18A6341-6DD3-360A-B057-0EA7D6E05A42> /System/Library/PrivateFrameworks/AccountsDaemon.framework/Versions/A/AccountsDaemon

0x7fff37fd0000 - 0x7fff37fd2fff com.apple.OAuth (25 - 25) <D277727E-311F-3294-B5C8-81D9662E8911> /System/Library/PrivateFrameworks/OAuth.framework/Versions/A/OAuth

0x7fff38582000 - 0x7fff38591fff com.apple.HID (1.0 - 1) <8D5F9ECE-C388-3B08-B402-99C6BD6B4453> /System/Library/PrivateFrameworks/HID.framework/Versions/A/HID

0x7fff38592000 - 0x7fff386b9fff com.apple.QuickLookUIFramework (5.0 - 928.3) <BEA1EAD5-A855-360B-A150-AB884F5E6790> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuickLookUI.framework/Versions/A/QuickLookUI

0x7fff38a8c000 - 0x7fff38b12fff com.apple.coredav (1.0.1 - 889) <5AAA2270-DF33-3FBF-A424-3B4DE71B09C8> /System/Library/PrivateFrameworks/CoreDAV.framework/Versions/A/CoreDAV

0x7fff38b13000 - 0x7fff38b69fff com.apple.ExchangeWebServices (8.0 - 814.100.1) <D314AD0E-168A-39A0-8308-044942FDC923> /System/Library/PrivateFrameworks/ExchangeWebServices.framework/Versions/A/ExchangeWebServices

0x7fff38b6a000 - 0x7fff38baafff com.apple.MediaServices (1.0 - 1) <8C20CCCD-E6F4-391F-B0BF-6A56A2BFE0E3> /System/Library/PrivateFrameworks/MediaServices.framework/Versions/A/MediaServices

0x7fff38ca6000 - 0x7fff38ca6fff com.apple.marco (10.0 - 1000) <EC9EE664-92FD-38A8-83A8-BEB5011743CC> /System/Library/PrivateFrameworks/Marco.framework/Versions/A/Marco

0x7fff38e8c000 - 0x7fff38ec4fff com.apple.contacts.ContactsAutocomplete (1.0 - 1152.4) <7222C5C3-FAC7-31B8-8F69-0E31D4E5C603> /System/Library/PrivateFrameworks/ContactsAutocomplete.framework/Versions/A/ContactsAutocomplete

0x7fff38ec5000 - 0x7fff38ed1fff com.apple.KerberosHelper (4.0 - 1.0) <D10F994D-18AD-36D3-ADAF-C7BC7A22A8ED> /System/Library/PrivateFrameworks/KerberosHelper.framework/Versions/A/KerberosHelper

0x7fff38ed2000 - 0x7fff38f15fff com.apple.ResponseKit (1.0 - 165.2) <8405EE2E-D000-3677-949C-C79B84AC1839> /System/Library/PrivateFrameworks/ResponseKit.framework/Versions/A/ResponseKit

0x7fff38f16000 - 0x7fff38f35fff com.apple.proactive.support.ProactiveEventTracker (1.0 - 294.7) <EBF3AB4B-E69E-3437-87F1-5D4A5C52ABB6> /System/Library/PrivateFrameworks/ProactiveEventTracker.framework/Versions/A/

## ProactiveEventTracker

0x7fff39359000 - 0x7fff39359fff com.apple.PhoneNumbers (1.0 - 1) <395A854F-61D3-3F8B-825D-0F0909DCE8BA> /System/Library/

PrivateFrameworks/PhoneNumbers.framework/Versions/A/PhoneNumbers

0x7fff3935a000 - 0x7fff39361fff com.apple.URLFormatting (146 - 146.22) <B8FC8B2F-B9E3-39E0-A1EE-2949B171A29F> /System/Library/

PrivateFrameworks/URLFormatting.framework/Versions/A/URLFormatting

0x7fff39362000 - 0x7fff39370fff

com.apple.accessibility.AXCoreUtilities (1.0 - 1) <D11C0413-

B53C-3FD3-9E97-841F8CE92672> /System/Library/PrivateFrameworks/AXCoreUtilities.framework/Versions/A/AXCoreUtilities

0x7fff39371000 - 0x7fff39388fff libAccessibility.dylib (2885.46)

<1DB54413-6681-35FE-8211-9ED94E518017> /usr/lib/libAccessibility.dylib

0x7fff39389000 - 0x7fff3babbfff com.apple.WebCore (16611 -

16611.2.7.1.4) <5F7B25B5-496D-389D-9577-6C91666A4249> /System/Library/Frameworks/WebKit.framework/Versions/A/Frameworks/

WebCore.framework/Versions/A/WebCore

0x7fff3bdab000 - 0x7fff3bdcdf

com.apple.quicklook.QuickLookSupport (1.0 - 135.5) <F80D39B4-

AB88-3B66-982D-BECDEE76F3F5> /System/Library/PrivateFrameworks/QuickLookSupport.framework/Versions/A/QuickLookSupport

0x7fff3bdce000 - 0x7fff3be65fff com.apple.AirPlaySync (1.0 -

2775.22) <40966FF0-FE78-3C88-A842-AA3340DE5F21> /System/Library/PrivateFrameworks/AirPlaySync.framework/Versions/A/AirPlaySync

0x7fff3c095000 - 0x7fff3c098fff com.apple.ExceptionHandling (1.5 - 14) <623FCA17-E3C4-363E-A453-277D183B6788> /System/Library/

Frameworks/ExceptionHandling.framework/Versions/A/ExceptionHandling

0x7fff3c099000 - 0x7fff3c0e7fff com.apple.Safari.SafeBrowsing (16611 - 16611.2.7.1.4) <AC73BA1E-DE46-3D66-8E08-0BEAAB5BA9DF> /System/

Library/PrivateFrameworks/SafariSafeBrowsing.framework/Versions/A/SafariSafeBrowsing

0x7fff3c0e8000 - 0x7fff3c8c3fff com.apple.WebKit (16611 -

16611.2.7.1.4) <361E432A-6745-3CE5-A203-D30B82EBF2BE> /System/Library/Frameworks/WebKit.framework/Versions/A/WebKit

0x7fff3c9f2000 - 0x7fff3ca75fff com.apple.CorePDF (4.0 - 529)

<4080F36F-C11B-3851-AB20-D6791E8E19FE> /System/Library/PrivateFrameworks/CorePDF.framework/Versions/A/CorePDF

0x7fff3ca76000 - 0x7fff3ca79fff com.apple.print.framework.Print (15 - 271) <5A0FE511-37C2-3065-9066-34F8F9EA23E5> /System/Library/

Frameworks/Carbon.framework/Versions/A/Frameworks/Print.framework/Versions/A/Print

0x7fff3ca7a000 - 0x7fff3ca7dfff com.apple.Carbon (160 - 164)  
<967F26C3-8582-3A33-945F-DDA8F103B2E2> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Carbon

0x7fff3cb76000 - 0x7fff3cb76fff com.apple.avfoundation (2.0 -  
2015.22.4.1) <8605C616-EB49-3FCE-9489-6CA5CFCDD006> /System/  
Library/Frameworks/AVFoundation.framework/Versions/A/AVFoundation

0x7fff3cd30000 - 0x7fff3cd4ffff com.apple.private.SystemPolicy (1.0 -  
1) <CAB3E8CD-1F31-343F-ABC1-9448543F211F> /System/Library/  
PrivateFrameworks/SystemPolicy.framework/Versions/A/SystemPolicy

0x7fff3ce9c000 - 0x7fff3cef2fff com.apple.AccessibilitySharedSupport  
(1.0 - 1) <90C68F4B-F054-33FC-A1F5-E2396F11C937> /System/Library/  
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AccessibilitySharedSupport

0x7fff3cef3000 - 0x7fff3cf10fff com.apple.sidecar-core (1.0 - 231)  
<D36E1746-161B-3A32-A962-617389DE34AA> /System/Library/  
PrivateFrameworks/SidecarCore.framework/Versions/A/SidecarCore

0x7fff3cf11000 - 0x7fff3cf14fff com.apple.QuickLookNonBaseSystem  
(1.0 - 1) <432514FB-F146-3B2D-A2D6-42717A181EEF> /System/Library/  
PrivateFrameworks/QuickLookNonBaseSystem.framework/Versions/A/  
QuickLookNonBaseSystem

0x7fff3d327000 - 0x7fff3d32bfff com.apple.CoreOptimization (1.0 - 1)  
<B8452FB0-D7BC-3171-B169-15EBDB27CCCB> /System/Library/  
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CoreOptimization

0x7fff3d32c000 - 0x7fff3d332fff com.apple.FeatureFlagsSupport (1.0 -  
28.60.1) <F106091B-B810-320D-902B-8CEE1F10CF17> /System/Library/  
PrivateFrameworks/FeatureFlagsSupport.framework/Versions/A/  
FeatureFlagsSupport

0x7fff3d4a3000 - 0x7fff3d4bafff com.apple.SafariServices.framework  
(16611 - 16611.2.7.1.4) <6C92702E-89B9-3572-B4FC-736D2041F3F1> /  
System/Library/Frameworks/SafariServices.framework/Versions/A/  
SafariServices

0x7fff3d66a000 - 0x7fff3d675fff com.apple.MallocStackLogging (1.0 -  
1) <394E6F65-386E-3488-BD68-1D3C2418694B> /System/Library/  
PrivateFrameworks/MallocStackLogging.framework/Versions/A/  
MallocStackLogging

0x7fff3d68a000 - 0x7fff3d69cfff libmis.dylib (274.120.2)  
<1DE29019-5ECB-3BE2-8492-2385ED241950> /usr/lib/libmis.dylib

0x7fff3d69d000 - 0x7fff3d6a0fff com.apple.gpusw.GPURawCounter  
(20.3 - 12.0) <EBB93DE3-AFE7-34FE-A194-7DFC62FFB9AA> /System/  
Library/PrivateFrameworks/GPURawCounter.framework/Versions/A/

## GPURawCounter

0x7fff3d6b9000 - 0x7fff3d828fff com.apple.CoreHandwriting (161 - 1.2) <89ADBC17-A8F8-37E4-AE0E-5533272CA19A> /System/Library/PrivateFrameworks/CoreHandwriting.framework/Versions/A/CoreHandwriting

0x7fff3d829000 - 0x7fff3da84fff com.apple.imageKit (3.0 - 1100) <6990E5BB-D8F0-349F-84F7-2EABB7A1FDDB> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/ImageKit.framework/Versions/A/ImageKit

0x7fff3da85000 - 0x7fff3db9bfff com.apple.PencilKit (1.0 - 1) <DADEFB75-EEE0-3B2A-A5B4-310E6E176136> /System/Library/Frameworks/PencilKit.framework/Versions/A/PencilKit

0x7fff3db9c000 - 0x7fff3dbadfff com.apple.sidecar-ui (1.0 - 231) <70E26CB2-6C08-3F1A-A79F-66D13B8BF78F> /System/Library/PrivateFrameworks/SidecarUI.framework/Versions/A/SidecarUI

0x7fff3dbb9000 - 0x7fff3dbbcfff com.apple.WebInspectorUI (16611 - 16611.2.7.1.4) <24F0A9A7-B3D6-3A6E-9B05-A0DE4A21EECA> /System/Library/PrivateFrameworks/WebInspectorUI.framework/Versions/A/WebInspectorUI

0x7fff3e1d0000 - 0x7fff3e232fff com.apple.ImageCaptureCore (1711.5.2 - 1711.5.2) <78B6D62A-A83A-3F64-BAB1-A495534AEC18> /System/Library/Frameworks/ImageCaptureCore.framework/Versions/A/ImageCaptureCore

0x7fff3e233000 - 0x7fff3e258fff com.apple.quartzfilters (1.10.0 - 98) <8A99BBE1-9979-35CF-8054-33DF7E259E85> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuartzFilters.framework/Versions/A/QuartzFilters

0x7fff3e4a4000 - 0x7fff3e606fff com.apple.MediaPlayer (1.0 - 1.0) <174DB58A-64A0-35DD-988E-0BA5EB69A64C> /System/Library/Frameworks/MediaPlayer.framework/Versions/A/MediaPlayer

0x7fff3e607000 - 0x7fff3e8e8fff com.apple.iTunesCloud (1.0 - 1) <F56B5C70-42D6-3444-A009-35C73225BCDB> /System/Library/PrivateFrameworks/iTunesCloud.framework/Versions/A/iTunesCloud

0x7fff3e914000 - 0x7fff3ea40fff com.apple.AnnotationKit (1.0 - 383.6) <7170CD9B-2447-3EDA-A705-6A9FF08175C9> /System/Library/PrivateFrameworks/AnnotationKit.framework/Versions/A/AnnotationKit

0x7fff3ea41000 - 0x7fff3eee1fff com.apple.QuartzComposer (5.1 - 383) <D24E9DF5-2FEB-36ED-81DB-0E11D32EEFF5> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuartzComposer.framework/Versions/A/QuartzComposer

0x7fff3eee2000 - 0x7fff3efcafff com.apple.PDFKit (1.0 - 950.40.3) <EE136A8A-EB2E-343C-8ADB-F574A510EFDf> /System/Library/

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0x7fff40acd000 - 0x7fff40ad8fff com.apple.CaptiveNetworkSupport  
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Frameworks/Quartz.framework/Versions/A/Quartz  
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<02C89930-F64D-354E-8C18-F3DDB419DC8D> /System/Library/  
Frameworks/Accelerate.framework/Versions/A/Frameworks/  
vImage.framework/Versions/A/Libraries/libCGInterfaces.dylib  
0x7fff429e6000 - 0x7fff43746fff libfaceCore.dylib (4.2.6) <3189A91B-  
BDBA-3E87-96DD-F0ED5D8542B8> /System/Library/Frameworks/  
Vision.framework/libfaceCore.dylib  
0x7fff43747000 - 0x7fff4385afff com.apple.TextRecognition (1.0 - 157)  
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PrivateFrameworks/Futhark.framework/Versions/A/Futhark  
0x7fff438f5000 - 0x7fff43b68fff com.apple.RawCamera.bundle (9.10.0  
- 1450.3) <408A3DFB-B3D3-3C15-88BB-16076BDFC74B> /System/Library/  
CoreServices/RawCamera.bundle/Contents/MacOS/RawCamera  
0x7fff443d1000 - 0x7fff443d5fff com.apple.DAAPKit (1.0 - 1)  
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<D16F2A86-E179-3C63-9344-F9720E8B0CE9> /usr/lib/libpmenergy.dylib  
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com.apple.network.statistics.framework (1.2 - 1) <987933D1-  
D82B-3368-811D-1531FC40E617> /System/Library/PrivateFrameworks/  
NetworkStatistics.framework/Versions/A/NetworkStatistics  
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XprotectFramework  
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64544.70.1) <B57534E5-43D5-38CA-9A8C-A66EBDFB820A> /System/  
Library/PrivateFrameworks/Symbolication.framework/Versions/A/  
Symbolication  
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<AD0D2A60-E686-3879-837F-292E436FEB9F> /usr/lib/libpmsample.dylib  
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Frameworks/ScriptingBridge.framework/Versions/A/ScriptingBridge  
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1.0.6) <0AD42E37-140A-393A-BBE4-B0C342B0FEC1> /System/Library/  
Frameworks/ForceFeedback.framework/Versions/A/ForceFeedback  
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com.apple.driver.AppleIntelHD5000GraphicsMTLDriver (16.4.5 - 16.0.4)  
<1B93A650-7883-3DCB-A2CF-002AAC985DA4> /System/Library/  
Extensions/AppleIntelHD5000GraphicsMTLDriver.bundle/Contents/MacOS/  
AppleIntelHD5000GraphicsMTLDriver  
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<89A82967-B14D-3109-B45E-34717156E60E> /System/Library/  
PrivateFrameworks/GPUCompiler.framework/Versions/31001/Libraries/  
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<1422D0CA-C3E2-3309-8897-018E651CB74E> /System/Library/  
Frameworks/OpenGL.framework/Versions/A/OpenGL

0x7fff6bba6000 - 0x7fff6bba8fff libCVMSPuginSupport.dylib (18.5.9)  
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Frameworks/OpenGL.framework/Versions/A/OpenGL

0x7fff6e30b000 - 0x7fff6e3f2fff com.apple.audio.AVFAudio (1.0 -  
477.87) <B762E01A-23A5-3F51-A1BE-EDDD5A2FDE4B> /System/Library/  
Frameworks/AVFAudio.framework/Versions/A/AVFAudio

0x7fff6e438000 - 0x7fff6e449fff com.apple.AppleScriptObjC (1.4 - 38)  
<E3BCA3B0-46DD-3706-B6DE-A4CAE0CC4C0F> /System/Library/  
Frameworks/AppleScriptObjC.framework/Versions/A/AppleScriptObjC

0x7fff6e5e6000 - 0x7fff6e7e7fff com.apple.AutomatorFramework (2.10  
- 509) <0E6F7CFF-E3F0-3902-A2BB-C86F0A172B08> /System/Library/  
Frameworks/Automator.framework/Versions/A/Automator

0x7fff6ebbd000 - 0x7fff6ebedfff com.apple.OSAKit (1.5 - 112)  
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Frameworks/OSAKit.framework/Versions/A/OSAKit

0x7fff6f970000 - 0x7fff6f982fff com.apple.CMImaging (1.0 - 82.6)  
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PrivateFrameworks/CMImaging.framework/Versions/A/CMImaging

0x7fff73c50000 - 0x7fff73c5bfff com.apple.SymptomAnalytics (1.0 -  
1431.120.1) <897411F6-DB2B-34CD-ABDC-665A2C8D37E3> /System/  
Library/PrivateFrameworks/Symptoms.framework/Frameworks/  
SymptomAnalytics.framework/Versions/A/SymptomAnalytics

0x7fff73e71000 - 0x7fff73e89fff com.apple.SymptomPresentationFeed  
(1.0 - 1431.120.1) <3CA4CFBB-1942-3BF2-B7C4-4F73FB4EE115> /System/  
Library/PrivateFrameworks/Symptoms.framework/Frameworks/



SymptomPresentationFeed.framework/Versions/A/SymptomPresentationFeed  
0x7fff779ff000 - 0x7fff77a06fff libRosetta.dylib (203.46)  
<0A17E AFC-15E9-37FE-8EE2-DE0F7F220AD8> /usr/lib/libRosetta.dylib

#### 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=1.2G resident=0K(0%)

swapped\_out\_or\_unallocated=1.2G(100%)

Writable regions: Total=1.2G written=0K(0%) resident=0K(0%)

swapped\_out=0K(0%) unallocated=1.2G(100%)

VIRTUAL REGION			
REGION TYPE	SIZE	COUNT	(non-coalesced)
=====	=====	=====	
Accelerate framework	640K	5	
Activity Tracing	256K	1	
CG backing stores	3792K	6	
CG image	1048K	43	
CoreAnimation	239.6M	258	
CoreGraphics	12K	2	
CoreServices	248K	1	
CoreUI image data	1736K	17	
Foundation	16K	1	
Image IO	208K	13	
Kernel Alloc Once	8K	1	
MALLOC	679.9M	477	
MALLOC guard page	32K	8	
MALLOC_NANO (reserved)	128.0M	1	reserved VM address

```

space (unallocated)
Mach message          40K    7
Memory Tag 255       264.3M  44
STACK GUARD          56.1M   37
Stack                 66.8M   37
VM_ALLOCATE          142.6M  635
__DATA                43.2M   539
__DATA_CONST         30.3M   326
__DATA_DIRTY         1807K   221
__FONT_DATA          4K      1
__LINKEDIT           561.5M  40
__OBJC_RO             70.2M   1
__OBJC_RW            2480K   2
__TEXT               643.7M  528
__UNICODE             588K    1
mapped file           1.9G   1956
shared memory         792K    20
=====
TOTAL                 4.8G   5229
TOTAL, minus reserved VM space  4.6G   5229

```

Model: MacBookPro11,1, BootROM 431.0.0.0.0, 2 processors, Dual-Core Intel Core i5, 2.6 GHz, 8 GB, SMC 2.16f68

Graphics: kHW\_IntellrisItem, Intel Iris, spdisplays\_builtin

Memory Module: BANK 0/DIMM0, 4 GB, DDR3, 1600 MHz, 0x80AD, 0x484D54343531533641465238412D50422020

Memory Module: BANK 1/DIMM0, 4 GB, DDR3, 1600 MHz, 0x80AD, 0x484D54343531533641465238412D50422020

AirPort: spairport\_wireless\_card\_type\_airport\_extreme (0x14E4, 0x112), Broadcom BCM43xx 1.0 (7.77.111.1 AirPortDriverBrcmNIC-1680.8)

Bluetooth: Version 8.0.5d7, 3 services, 27 devices, 1 incoming serial ports

Network Service: Wi-Fi, AirPort, en0

Serial ATA Device: APPLE SSD SM0256F, 251 GB

USB Device: USB 3.0 Bus

USB Device: Apple Internal Keyboard / Trackpad

USB Device: BRCM20702 Hub

USB Device: Bluetooth USB Host Controller

USB Device: USB Receiver

Thunderbolt Bus: MacBook Pro, Apple Inc., 17.2

