

Process: PixInsight [20505]
Path: /Applications/PixInsight/PixInsight.app/Contents/MacOS/PixInsight
Identifier: software.pleiades.PixInsight
Version: 1.8.8-8 (1.8.8-8)
Code Type: X86-64 (Native)
Parent Process: ??? [1]
Responsible: PixInsight [20505]
User ID: 502

Date/Time: 2021-06-09 21:13:54.651 +0200
OS Version: macOS 11.4 (20F71)
Report Version: 12
Bridge OS Version: 5.4 (18P4663)
Anonymous UUID: 271C5053-3563-9CB2-A85E-4C41D1B17A68

Sleep/Wake UUID: 33145EA5-EE84-4D38-B42C-40559BBAF7D2

Time Awake Since Boot: 710000 seconds
Time Since Wake: 460 seconds

System Integrity Protection: enabled

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

Exception Type: EXC_BAD_ACCESS (SIGABRT)
Exception Codes: KERN_INVALID_ADDRESS at 0x000020a000000000
Exception Note: EXC_CORPSE_NOTIFY

VM Regions Near 0x20a000000000:

CoreAnimation 17c5da000-17c7fe000 [2192K] rw-/rwx SM=PRV
-->
MALLOC_NANO 600000000000-600008000000 [128.0M] rw-/rwx SM=PRV

Application Specific Information:

abort() called
terminating with uncaught exception of type pcl::EUnixSegmentationViolation

Thread 0 Crashed:: CrBrowserMain Dispatch queue: com.apple.main-thread
0 libsystem_kernel.dylib 0x00007fff2037992e __pthread_kill + 10
1 libsystem_pthread.dylib 0x00007fff203a85bd pthread_kill + 263
2 libsystem_c.dylib 0x00007fff202fd4ab __abort + 139
3 libsystem_c.dylib 0x00007fff202fd420 abort + 135
4 libc++abi.dylib 0x00007fff2036bef2 abort_message + 241
5 libc++abi.dylib 0x00007fff2035d5fd demangling_terminate_handler() + 266
6 libobjc.A.dylib 0x00007fff20256595 _objc_terminate() + 104
7 libc++abi.dylib 0x00007fff2036b307 std::__terminate(void (*)()) + 8
8 libc++abi.dylib 0x00007fff2036e604 __cxxabiv1::call_terminate(bool,
_Unwind_Exception*) + 35
9 libc++abi.dylib 0x00007fff2036e266 __cxxabiv1::scan_eh_tab(__cxxabiv1::
(anonymous namespace)::scan_results&, _Unwind_Action, bool, _Unwind_Exception*,
_Unwind_Context*) + 522
10 libc++abi.dylib 0x00007fff2036dfc5 __gxx_personality_v0 + 181
11 libunwind.dylib 0x00007fff2a544a65 _Unwind_RaiseException + 266
12 libc++abi.dylib 0x00007fff2036dbaa __cxa_throw + 108
13 software.pleiades.PixInsight 0x0000000104903608 0x1038f0000 + 16856584
14 libsystem_platform.dylib 0x00007fff203edd7d _sigtramp + 29
15 libsystem_kernel.dylib 0x00007fff20373099 kdebug_trace + 33
16 software.pleiades.PixInsight 0x0000000103be330b 0x1038f0000 + 3093259
17 software.pleiades.PixInsight 0x000000010447e308 0x1038f0000 + 12116744
18 org.qt-project.QtCore 0x000000010fa12b94 QObject::event(QEvent*) + 900

```

19 org.qt-project.QtWidgets      0x000000010ea188c7 QWidget::event(QEvent*) + 4647
20 org.qt-project.QtWidgets      0x000000010eb27fe4 QMainWindow::event(QEvent*) + 276
21 org.qt-project.QtWidgets      0x000000010e9dea56
QApplicationPrivate::notify_helper(QObject*, QEvent*) + 262
22 org.qt-project.QtWidgets      0x000000010e9dfe0d QApplication::notify(QObject*,
QEvent*) + 477
23 software.pleiades.PixInsight  0x0000000103a1b174 0x1038f0000 + 1225076
24 org.qt-project.QtCore          0x000000010f9ea026
QCoreApplication::notifyInternal2(QObject*, QEvent*) + 166
25 org.qt-project.QtCore          0x000000010f9eb163
QCoreApplicationPrivate::sendPostedEvents(QObject*, int, QThreadData*) + 803
26 libqcocoa.dylib               0x00000001108f92b2 0x1108c0000 + 234162
27 libqcocoa.dylib               0x00000001108f99d8 0x1108c0000 + 235992
28 com.apple.CoreFoundation       0x00007fff204a197c
__CFRUNLOOP_IS_CALLING_OUT_TO_A_SOURCE0_PERFORM_FUNCTION__ + 17
29 com.apple.CoreFoundation       0x00007fff204a18e4 __CFRunLoopDoSource0 + 180
30 com.apple.CoreFoundation       0x00007fff204a1664 __CFRunLoopDoSources0 + 242
31 com.apple.CoreFoundation       0x00007fff204a008c __CFRunLoopRun + 893
32 com.apple.CoreFoundation       0x00007fff2049f64c CFRunLoopRunSpecific + 563
33 com.apple.HIToolbox            0x00007fff286ddab3 RunCurrentEventLoopInMode + 292
34 com.apple.HIToolbox            0x00007fff286dd815 ReceiveNextEventCommon + 587
35 com.apple.HIToolbox            0x00007fff286dd5b3
_BlockUntilNextEventMatchingListInModeWithFilter + 70
36 com.apple.AppKit               0x00007fff22ca06f2 _DPSNextEvent + 864
37 com.apple.AppKit               0x00007fff22c9eec5 -[NSApplication(NSEvent)
_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1364
38 com.apple.AppKit               0x00007fff22c91239 -[NSApplication run] + 586
39 libqcocoa.dylib               0x00000001108f8684 0x1108c0000 + 231044
40 org.qt-project.QtCore          0x000000010f9e66d7
QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) + 471
41 org.qt-project.QtCore          0x000000010f9ea5c2 QCoreApplication::exec() + 130
42 software.pleiades.PixInsight  0x0000000103a3475e 0x1038f0000 + 1328990
43 libdyld.dylib                  0x00007fff203c3f5d start + 1

```

Thread 1:: pi::PixInsightWatchDog

```

0 libsystem_kernel.dylib         0x00007fff20375bb2 __semwait_signal + 10
1 libsystem_c.dylib              0x00007fff202f5c2a nanosleep + 196
2 org.qt-project.QtCore          0x000000010fa46a0b 0x10f7f5000 + 2431499
3 software.pleiades.PixInsight  0x0000000103a27226 0x1038f0000 + 1274406
4 org.qt-project.QtCore          0x000000010f818719 0x10f7f5000 + 145177
5 libsystem_pthread.dylib        0x00007fff203a88fc _pthread_start + 224
6 libsystem_pthread.dylib        0x00007fff203a4443 thread_start + 15

```

Thread 2:: ThreadPoolServiceThread

```

0 libsystem_kernel.dylib         0x00007fff2037c1d2 kevent64 + 10
1 org.qt-project.Qt.QtWebEngineCore 0x000000010882ad48 0x105a69000 + 47979848
2 org.qt-project.Qt.QtWebEngineCore 0x000000010882abc6 0x105a69000 + 47979462
3 org.qt-project.Qt.QtWebEngineCore 0x00000001087c2fd9 0x105a69000 + 47554521
4 org.qt-project.Qt.QtWebEngineCore 0x0000000108786b83 0x105a69000 + 47307651
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087cd33d 0x105a69000 + 47596349
6 org.qt-project.Qt.QtWebEngineCore 0x00000001087e66a9 0x105a69000 + 47699625
7 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
8 libsystem_pthread.dylib        0x00007fff203a88fc _pthread_start + 224
9 libsystem_pthread.dylib        0x00007fff203a4443 thread_start + 15

```

Thread 3:: ThreadPoolBackgroundWorker

```

0 libsystem_kernel.dylib         0x00007fff203732ba mach_msg_trap + 10
1 libsystem_kernel.dylib         0x00007fff2037362c mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000108815d7f 0x105a69000 + 47893887
3 org.qt-project.Qt.QtWebEngineCore 0x00000001087d9948 0x105a69000 + 47647048

```

```
4 org.qt-project.Qt.QtWebEngineCore 0x00000001087da2c0 0x105a69000 + 47649472
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087d9e5d 0x105a69000 + 47648349
6 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
7 libsystem_pthread.dylib 0x00007fff203a88fc _pthread_start + 224
8 libsystem_pthread.dylib 0x00007fff203a4443 thread_start + 15
```

Thread 4:: Chrome_IOThread

```
0 libsystem_kernel.dylib 0x00007fff2037c1d2 kevent64 + 10
1 org.qt-project.Qt.QtWebEngineCore 0x000000010882ad48 0x105a69000 + 47979848
2 org.qt-project.Qt.QtWebEngineCore 0x000000010882abc6 0x105a69000 + 47979462
3 org.qt-project.Qt.QtWebEngineCore 0x00000001087c2fd9 0x105a69000 + 47554521
4 org.qt-project.Qt.QtWebEngineCore 0x0000000108786b83 0x105a69000 + 47307651
5 org.qt-project.Qt.QtWebEngineCore 0x000000010c9c7218 0x105a69000 + 116777496
6 org.qt-project.Qt.QtWebEngineCore 0x00000001087e66a9 0x105a69000 + 47699625
7 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
8 libsystem_pthread.dylib 0x00007fff203a88fc _pthread_start + 224
9 libsystem_pthread.dylib 0x00007fff203a4443 thread_start + 15
```

Thread 5:: NetworkConfigWatcher

```
0 libsystem_kernel.dylib 0x00007fff203732ba mach_msg_trap + 10
1 libsystem_kernel.dylib 0x00007fff2037362c mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000108815d7f 0x105a69000 + 47893887
3 org.qt-project.Qt.QtWebEngineCore 0x0000000108815baf 0x105a69000 + 47893423
4 org.qt-project.Qt.QtWebEngineCore 0x0000000108755d17 0x105a69000 + 47107351
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087c2fd9 0x105a69000 + 47554521
6 org.qt-project.Qt.QtWebEngineCore 0x0000000108786b83 0x105a69000 + 47307651
7 org.qt-project.Qt.QtWebEngineCore 0x00000001087e66a9 0x105a69000 + 47699625
8 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
9 libsystem_pthread.dylib 0x00007fff203a88fc _pthread_start + 224
10 libsystem_pthread.dylib 0x00007fff203a4443 thread_start + 15
```

Thread 6:: ThreadPoolForegroundWorker

```
0 libsystem_kernel.dylib 0x00007fff203732ba mach_msg_trap + 10
1 libsystem_kernel.dylib 0x00007fff2037362c mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000108815d7f 0x105a69000 + 47893887
3 org.qt-project.Qt.QtWebEngineCore 0x00000001087d9948 0x105a69000 + 47647048
4 org.qt-project.Qt.QtWebEngineCore 0x00000001087da2c0 0x105a69000 + 47649472
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087d9eed 0x105a69000 + 47648493
6 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
7 libsystem_pthread.dylib 0x00007fff203a88fc _pthread_start + 224
8 libsystem_pthread.dylib 0x00007fff203a4443 thread_start + 15
```

Thread 7:: CompositorTileWorker1

```
0 libsystem_kernel.dylib 0x00007fff20375cde __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x00007fff203a8e49 _pthread_cond_wait + 1298
2 org.qt-project.Qt.QtWebEngineCore 0x000000010880c9a4 0x105a69000 + 47856036
3 org.qt-project.Qt.QtWebEngineCore 0x000000010a0289dd 0x105a69000 + 73136605
4 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
5 libsystem_pthread.dylib 0x00007fff203a88fc _pthread_start + 224
6 libsystem_pthread.dylib 0x00007fff203a4443 thread_start + 15
```

Thread 8:: Chrome_InProcGpuThread

```
0 libsystem_kernel.dylib 0x00007fff203732ba mach_msg_trap + 10
1 libsystem_kernel.dylib 0x00007fff2037362c mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000108815d7f 0x105a69000 + 47893887
3 org.qt-project.Qt.QtWebEngineCore 0x0000000108755cb6 0x105a69000 + 47107254
4 org.qt-project.Qt.QtWebEngineCore 0x00000001087c2fd9 0x105a69000 + 47554521
5 org.qt-project.Qt.QtWebEngineCore 0x0000000108786b83 0x105a69000 + 47307651
6 org.qt-project.Qt.QtWebEngineCore 0x00000001087e66a9 0x105a69000 + 47699625
7 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
```

```
8 libsystem_pthread.dylib      0x00007fff203a88fc _pthread_start + 224
9 libsystem_pthread.dylib      0x00007fff203a4443 thread_start + 15
```

Thread 9:: Chrome_ChildIOThread

```
0 libsystem_kernel.dylib       0x00007fff2037c1d2 kevent64 + 10
1 org.qt-project.Qt.QtWebEngineCore 0x000000010882ad48 0x105a69000 + 47979848
2 org.qt-project.Qt.QtWebEngineCore 0x000000010882abc6 0x105a69000 + 47979462
3 org.qt-project.Qt.QtWebEngineCore 0x00000001087c2fd9 0x105a69000 + 47554521
4 org.qt-project.Qt.QtWebEngineCore 0x0000000108786b83 0x105a69000 + 47307651
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087e66a9 0x105a69000 + 47699625
6 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
7 libsystem_pthread.dylib      0x00007fff203a88fc _pthread_start + 224
8 libsystem_pthread.dylib      0x00007fff203a4443 thread_start + 15
```

Thread 10:: NetworkConfigWatcher

```
0 libsystem_kernel.dylib       0x00007fff203732ba mach_msg_trap + 10
1 libsystem_kernel.dylib       0x00007fff2037362c mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000108815d7f 0x105a69000 + 47893887
3 org.qt-project.Qt.QtWebEngineCore 0x0000000108815baf 0x105a69000 + 47893423
4 org.qt-project.Qt.QtWebEngineCore 0x0000000108755d17 0x105a69000 + 47107351
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087c2fd9 0x105a69000 + 47554521
6 org.qt-project.Qt.QtWebEngineCore 0x0000000108786b83 0x105a69000 + 47307651
7 org.qt-project.Qt.QtWebEngineCore 0x00000001087e66a9 0x105a69000 + 47699625
8 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
9 libsystem_pthread.dylib      0x00007fff203a88fc _pthread_start + 224
10 libsystem_pthread.dylib      0x00007fff203a4443 thread_start + 15
```

Thread 11:: VizCompositorThread

```
0 libsystem_kernel.dylib       0x00007fff203732ba mach_msg_trap + 10
1 libsystem_kernel.dylib       0x00007fff2037362c mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000108815d7f 0x105a69000 + 47893887
3 org.qt-project.Qt.QtWebEngineCore 0x0000000108815baf 0x105a69000 + 47893423
4 org.qt-project.Qt.QtWebEngineCore 0x0000000108755d17 0x105a69000 + 47107351
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087c2fd9 0x105a69000 + 47554521
6 org.qt-project.Qt.QtWebEngineCore 0x0000000108786b83 0x105a69000 + 47307651
7 org.qt-project.Qt.QtWebEngineCore 0x00000001087e66a9 0x105a69000 + 47699625
8 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
9 libsystem_pthread.dylib      0x00007fff203a88fc _pthread_start + 224
10 libsystem_pthread.dylib      0x00007fff203a4443 thread_start + 15
```

Thread 12:: com.apple.NSEventThread

```
0 libsystem_kernel.dylib       0x00007fff203732ba mach_msg_trap + 10
1 libsystem_kernel.dylib       0x00007fff2037362c mach_msg + 60
2 com.apple.CoreFoundation      0x00007fff204a1b5f __CFRunLoopServiceMachPort + 316
3 com.apple.CoreFoundation      0x00007fff204a023f __CFRunLoopRun + 1328
4 com.apple.CoreFoundation      0x00007fff2049f64c CFRunLoopRunSpecific + 563
5 com.apple.AppKit              0x00007fff22e2668a _NSEventThread + 124
6 libsystem_pthread.dylib      0x00007fff203a88fc _pthread_start + 224
7 libsystem_pthread.dylib      0x00007fff203a4443 thread_start + 15
```

Thread 13:: NetworkConfigWatcher

```
0 libsystem_kernel.dylib       0x00007fff203732ba mach_msg_trap + 10
1 libsystem_kernel.dylib       0x00007fff2037362c mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000108815d7f 0x105a69000 + 47893887
3 org.qt-project.Qt.QtWebEngineCore 0x0000000108815baf 0x105a69000 + 47893423
4 org.qt-project.Qt.QtWebEngineCore 0x0000000108755d17 0x105a69000 + 47107351
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087c2fd9 0x105a69000 + 47554521
6 org.qt-project.Qt.QtWebEngineCore 0x0000000108786b83 0x105a69000 + 47307651
7 org.qt-project.Qt.QtWebEngineCore 0x00000001087e66a9 0x105a69000 + 47699625
8 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
```

```
9 libsystem_pthread.dylib      0x00007fff203a88fc _pthread_start + 224
10 libsystem_pthread.dylib      0x00007fff203a4443 thread_start + 15
```

Thread 14:: ThreadPoolSingleThreadForegroundBlocking0

```
0 libsystem_kernel.dylib        0x00007fff203732ba mach_msg_trap + 10
1 libsystem_kernel.dylib        0x00007fff2037362c mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000108815d7f 0x105a69000 + 47893887
3 org.qt-project.Qt.QtWebEngineCore 0x0000000108815baf 0x105a69000 + 47893423
4 org.qt-project.Qt.QtWebEngineCore 0x00000001087d993a 0x105a69000 + 47647034
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087da2c0 0x105a69000 + 47649472
6 org.qt-project.Qt.QtWebEngineCore 0x00000001087d9f4d 0x105a69000 + 47648589
7 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
8 libsystem_pthread.dylib        0x00007fff203a88fc _pthread_start + 224
9 libsystem_pthread.dylib        0x00007fff203a4443 thread_start + 15
```

Thread 15:: CacheThread_BlockFile

```
0 libsystem_kernel.dylib        0x00007fff2037c1d2 kevent64 + 10
1 org.qt-project.Qt.QtWebEngineCore 0x000000010882ad48 0x105a69000 + 47979848
2 org.qt-project.Qt.QtWebEngineCore 0x000000010882abc6 0x105a69000 + 47979462
3 org.qt-project.Qt.QtWebEngineCore 0x00000001087c2fd9 0x105a69000 + 47554521
4 org.qt-project.Qt.QtWebEngineCore 0x0000000108786b83 0x105a69000 + 47307651
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087e66a9 0x105a69000 + 47699625
6 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
7 libsystem_pthread.dylib        0x00007fff203a88fc _pthread_start + 224
8 libsystem_pthread.dylib        0x00007fff203a4443 thread_start + 15
```

Thread 16:: MemoryInfra

```
0 libsystem_kernel.dylib        0x00007fff203732ba mach_msg_trap + 10
1 libsystem_kernel.dylib        0x00007fff2037362c mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000108815d7f 0x105a69000 + 47893887
3 org.qt-project.Qt.QtWebEngineCore 0x0000000108815baf 0x105a69000 + 47893423
4 org.qt-project.Qt.QtWebEngineCore 0x0000000108755d17 0x105a69000 + 47107351
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087c2fd9 0x105a69000 + 47554521
6 org.qt-project.Qt.QtWebEngineCore 0x0000000108786b83 0x105a69000 + 47307651
7 org.qt-project.Qt.QtWebEngineCore 0x00000001087e66a9 0x105a69000 + 47699625
8 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
9 libsystem_pthread.dylib        0x00007fff203a88fc _pthread_start + 224
10 libsystem_pthread.dylib        0x00007fff203a4443 thread_start + 15
```

Thread 17:: ThreadPoolSingleThreadSharedBackgroundBlocking1

```
0 libsystem_kernel.dylib        0x00007fff203732ba mach_msg_trap + 10
1 libsystem_kernel.dylib        0x00007fff2037362c mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000108815d7f 0x105a69000 + 47893887
3 org.qt-project.Qt.QtWebEngineCore 0x0000000108815baf 0x105a69000 + 47893423
4 org.qt-project.Qt.QtWebEngineCore 0x00000001087d993a 0x105a69000 + 47647034
5 org.qt-project.Qt.QtWebEngineCore 0x00000001087da01f 0x105a69000 + 47648799
6 org.qt-project.Qt.QtWebEngineCore 0x00000001087d9e8d 0x105a69000 + 47648397
7 org.qt-project.Qt.QtWebEngineCore 0x000000010880da18 0x105a69000 + 47860248
8 libsystem_pthread.dylib        0x00007fff203a88fc _pthread_start + 224
9 libsystem_pthread.dylib        0x00007fff203a4443 thread_start + 15
```

Thread 18:: QFileInfoGatherer

```
0 libsystem_kernel.dylib        0x00007fff20375cde __psynch_cvwait + 10
1 libsystem_pthread.dylib        0x00007fff203a8e49 _pthread_cond_wait + 1298
2 org.qt-project.QtCore          0x000000010f8203cb 0x10f7f5000 + 177099
3 org.qt-project.QtCore          0x000000010f820343 QWaitCondition::wait(QMutex*,
QDeadlineTimer) + 83
4 org.qt-project.QtWidgets       0x000000010ec0b4ca QFileInfoGatherer::run() + 154
5 org.qt-project.QtCore          0x000000010f818719 0x10f7f5000 + 145177
6 libsystem_pthread.dylib        0x00007fff203a88fc _pthread_start + 224
```

7 libsystem_pthread.dylib 0x00007fff203a4443 thread_start + 15

Thread 19:

0 libsystem_pthread.dylib 0x00007fff203a4420 start_wqthread + 0

Thread 20:

0 libsystem_pthread.dylib 0x00007fff203a4420 start_wqthread + 0

Thread 21:

0 libsystem_pthread.dylib 0x00007fff203a4420 start_wqthread + 0

Thread 22:

0 libsystem_pthread.dylib 0x00007fff203a4420 start_wqthread + 0

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

rax: 0x0000000000000000 rbx: 0x0000000112618e00 rcx: 0x00007ffeec30aed8 rdx:
0x0000000000000000
rdi: 0x0000000000000103 rsi: 0x0000000000000006 rbp: 0x00007ffeec30af00 rsp:
0x00007ffeec30aed8
r8: 0x0000000000000000 r9: 0x0000000000989680 r10: 0x0000000112618e00 r11:
0x0000000000000246
r12: 0x0000000000000103 r13: 0x0000000300000008 r14: 0x0000000000000006 r15:
0x0000000000000016
rip: 0x00007fff2037992e rfi: 0x0000000000000246 cr2: 0x000000010da53660

Logical CPU: 0

Error Code: 0x02000148

Trap Number: 133

Thread 0 instruction stream:

00 00 00 0f 1f 44 00 00-55 48 89 e5 48 8b 47 10D..UH..H.G.
f2 0f 10 80 a8 00 00 00-5d c3 66 2e 0f 1f 84 00].f.....
00 00 00 00 0f 1f 40 00-55 48 89 e5 48 8b 47 10@.UH..H.G.
f2 0f 10 80 b0 00 00 00-5d c3 66 2e 0f 1f 84 00].f.....
00 00 00 00 0f 1f 40 00-55 48 89 e5 41 57 41 56@.UH..AWAV
41 55 41 54 53 48 83 ec-48 49 8b 00 48 89 45 b8 AUATSH..HI..H.E.
[f0]ff 00 48 8b 58 08 48-3b 58 10 49 89 cd 49 89 ...H.X.H;X.I..I. <==
d7 49 89 f6 49 89 fc 48-8d 35 8a 42 5c 00 48 0f .I..I..H.5.B\..H.
45 f3 48 8d 7d d0 ba ff-ff ff ff e8 42 5c 35 00 E.H.}.....B\5.
48 8d 7d c0 48 8d 75 d0-31 d2 e8 49 55 35 00 48 H.}.H.u.1..IU5.H
8b 7d d0 8b 07 83 f8 ff-74 1c 85 c0 74 09 f0 ff }......t...t...
0f 75 13 48 8b 7d d0 be-02 00 00 00 ba 08 00 00 .u.H.}.....

Thread 0 last branch register state not available.

Binary Images:

0x1038f0000 - 0x104ccbfff +software.pleiades.PixInsight (1.8.8-8 - 1.8.8-8)
<2FE57FDD-35FB-3832-B4C1-7188E5F3FF50> /Applications/PixInsight/PixInsight.app/Contents/
MacOS/PixInsight
0x104e45000 - 0x104e61fff +libidn2.0.dylib (0) <958125FC-02D5-35DF-92A0-
B988307E03EA> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/libidn2.0.dylib
0x104e6b000 - 0x104e86fff +org.qt-project.QtSensors (5.15 - 5.15.4)
<870F2359-1C68-31F8-8C02-76EAD8351C51> /Applications/PixInsight/PixInsight.app/Contents/
Frameworks/QtSensors.framework/Versions/5/QtSensors
0x104eb2000 - 0x104f15fff +org.qt-project.QtPositioning (5.15 - 5.15.4) <04DA6006-
C0F4-3025-98BE-13831925E8D9> /Applications/PixInsight/PixInsight.app/Contents/
Frameworks/QtPositioning.framework/Versions/5/QtPositioning

0x104f41000 - 0x104f54fff +org.qt-project.QtMultimediaWidgets (5.15 - 5.15.4)
<E8D119D0-E0E7-3FF7-84C9-D1D568F692D2> /Applications/PixInsight/PixInsight.app/
Contents/Frameworks/QtMultimediaWidgets.framework/Versions/5/QtMultimediaWidgets
0x104f74000 - 0x104febfff +org.qt-project.QtMultimedia (5.15 - 5.15.4)
<B6F1D97D-8C83-3BF4-A00A-EE1D5FFF500C> /Applications/PixInsight/PixInsight.app/
Contents/Frameworks/QtMultimedia.framework/Versions/5/QtMultimedia
0x105047000 - 0x10507efff +org.qt-project.QtOpenGL (5.15 - 5.15.4) <44369F35-
CD12-36DF-8518-DEFB460982B4> /Applications/PixInsight/PixInsight.app/Contents/
Frameworks/QtOpenGL.framework/Versions/5/QtOpenGL
0x1050aa000 - 0x1050cdfff +org.qt-project.QtSql (5.15 - 5.15.4) <44B55760-
FC89-321B-B72E-2C0F8945181C> /Applications/PixInsight/PixInsight.app/Contents/
Frameworks/QtSql.framework/Versions/5/QtSql
0x1050ea000 - 0x105441fff +org.qt-project.QtQml (5.15 - 5.15.4)
<2F78971D-1252-3009-B321-2C9C469895CC> /Applications/PixInsight/PixInsight.app/Contents/
Frameworks/QtQml.framework/Versions/5/QtQml
0x105504000 - 0x105843fff +org.qt-project.QtQuick (5.15 - 5.15.4)
<B95BE853-18C3-3A08-91D4-FF91336A05EE> /Applications/PixInsight/PixInsight.app/Contents/
Frameworks/QtQuick.framework/Versions/5/QtQuick
0x1059af000 - 0x1059cafff +org.qt-project.QtWebChannel (5.15 - 5.15.4)
<C06E1FA6-4AC6-3295-9928-ABDA936789E3> /Applications/PixInsight/PixInsight.app/
Contents/Frameworks/QtWebChannel.framework/Versions/5/QtWebChannel
0x1059e2000 - 0x105a19fff +org.qt-project.QtWebEngine (5.15 - 5.15.4) <23211260-
CB05-33AB-916C-C31DDB0130BC> /Applications/PixInsight/PixInsight.app/Contents/
Frameworks/QtWebEngine.framework/Versions/5/QtWebEngine
0x105a69000 - 0x10df5cfff +org.qt-project.Qt.QtWebEngineCore (5.15 - 5.15.4)
<97CFD0DD-E399-348B-947A-377721E77756> /Applications/PixInsight/PixInsight.app/Contents/
Frameworks/QtWebEngineCore.framework/Versions/5/QtWebEngineCore
0x10e8fb000 - 0x10e91efff +org.qt-project.QtWebEngineWidgets (5.15 - 5.15.4)
<00472CE7-3EEC-378A-9B32-14E4A3C6F1CE> /Applications/PixInsight/PixInsight.app/
Contents/Frameworks/QtWebEngineWidgets.framework/Versions/5/QtWebEngineWidgets
0x10e94f000 - 0x10e97afff +org.qt-project.QtPrintSupport (5.15 - 5.15.4)
<62D10D10-5091-3722-AAFB-42C75111509E> /Applications/PixInsight/PixInsight.app/Contents/
Frameworks/QtPrintSupport.framework/Versions/5/QtPrintSupport
0x10e9ac000 - 0x10e9b7fff +org.qt-project.QtMacExtras (5.15 - 5.15.4) <B1FFB009-
EFE8-317A-876B-9F82572623FC> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/
QtMacExtras.framework/Versions/5/QtMacExtras
0x10e9cb000 - 0x10ee12fff +org.qt-project.QtWidgets (5.15 - 5.15.4) <8C965BE8-
E683-3C7C-856D-7C2CAC198AC9> /Applications/PixInsight/PixInsight.app/Contents/
Frameworks/QtWidgets.framework/Versions/5/QtWidgets
0x10efae000 - 0x10f491fff +org.qt-project.QtGui (5.15 - 5.15.4) <84AE3E09-D250-3FC8-
ADE4-792E366A644F> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/
QtGui.framework/Versions/5/QtGui
0x10f5c3000 - 0x10f5fafff +org.qt-project.QtSvg (5.15 - 5.15.4) <B8321E04-66CF-3866-
ABF6-F3AC6C2B422A> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/
QtSvg.framework/Versions/5/QtSvg
0x10f624000 - 0x10f65bfff +org.qt-project.QtXml (5.15 - 5.15.4) <D2840F30-32E0-32C6-
B1EB-2F10E8651E81> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/
QtXml.framework/Versions/5/QtXml
0x10f679000 - 0x10f788fff +org.qt-project.QtNetwork (5.15 - 5.15.4)
<190C8842-6BD1-3711-BA4B-909B9D6BC11F> /Applications/PixInsight/PixInsight.app/
Contents/Frameworks/QtNetwork.framework/Versions/5/QtNetwork
0x10f7f5000 - 0x10fd4cfff +org.qt-project.QtCore (5.15 - 5.15.4)
<F8F7C3B6-51A4-3DCA-B058-AA4BAAF124B6> /Applications/PixInsight/PixInsight.app/
Contents/Frameworks/QtCore.framework/Versions/5/QtCore
0x10fe38000 - 0x11024ffff +libmozjs-24.dylib (0)
<B1EA09E2-602A-32D5-8708-3BF5E8642A14> /Applications/PixInsight/PixInsight.app/Contents/
Frameworks/libmozjs-24.dylib
0x1104ec000 - 0x1104f4fff +libintl.8.dylib (0) <DFA5F6EB-A909-3CEF-
A000-4120F2D4A5A8> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/
libintl.8.dylib

0x110503000 - 0x110667fff +libunistring.2.dylib (0) <6887B4FC-BBA5-3118-9AD5-BB0255EC8648> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/libunistring.2.dylib

0x110680000 - 0x1106d7fff +org.qt-project.QtQmlModels (5.15 - 5.15.4) <ED422B4F-FC03-3908-A4A2-5E10ADB1A7C9> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/QtQmlModels.framework/Versions/5/QtQmlModels

0x110702000 - 0x11073dfff +org.qt-project.QtTest (5.15 - 5.15.4) <C4E0AA4A-92C2-3C83-9B6B-36FF5AB86DF0> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/QtTest.framework/Versions/5/QtTest

0x11078c000 - 0x11079bfff +org.qt-project.QtQuickWidgets (5.15 - 5.15.4) <8FFDF79D-CC94-3387-AEAF-BE4C0201CAA5> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/QtQuickWidgets.framework/Versions/5/QtQuickWidgets

0x1108c0000 - 0x110a23fff +libqcocoa.dylib (0) <B088C60C-6F3A-3B39-A350-3D51FE5C9E9D> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/platforms/libqcocoa.dylib

0x110a7c000 - 0x110adbfff +org.qt-project.QtDBus (5.15 - 5.15.4) <9170B223-6F76-3451-BB4C-879ACACB980E> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/QtDBus.framework/Versions/5/QtDBus

0x11115a000 - 0x111169fff libobjc-trampolines.dylib (824) <361143B8-E66E-3402-85B5-C20893AAB9C9> /usr/lib/libobjc-trampolines.dylib

0x11241d000 - 0x112424fff +libqgif.dylib (0) <75C76F03-7694-375F-962D-2775BF25A884> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqgif.dylib

0x1124c2000 - 0x1124e9fff +libqmacstyle.dylib (0) <38928BF5-E75B-31DE-B221-852693AE36DF> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/styles/libqmacstyle.dylib

0x112502000 - 0x112509fff +libqicns.dylib (0) <AD6BE49A-CD88-303C-96A7-C90C2EF643D5> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqicns.dylib

0x112516000 - 0x11251dfff +libqico.dylib (0) <F76FB906-AC14-366E-BB04-027EDF78CB29> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqico.dylib

0x11252a000 - 0x112531fff +libqmacheif.dylib (0) <3180A1B4-38F5-30C8-986F-C2B1F9FCACBE> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqmacheif.dylib

0x112541000 - 0x1125dcfff dyld (852) <1AC76561-4F9A-34B1-BA7C-4516CACEAED7> /usr/lib/dyld

0x1144a9000 - 0x1145fcfff com.apple.AMDRadeonX5000GLDriver (4.5.14 - 4.0.5) <1F187F1E-1ADC-3406-9C06-4AE32FE211A0> /System/Library/Extensions/AMDRadeonX5000GLDriver.bundle/Contents/MacOS/AMDRadeonX5000GLDriver

0x116ce0000 - 0x116d43fff +libqjpeg.dylib (0) <A0A13FCE-5D07-3CF3-B223-0C5689FAB84E> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqjpeg.dylib

0x116d54000 - 0x116d5bfff +libqmacjp2.dylib (0) <BA4534E6-BA73-3680-8E2C-9578500AEFBF> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqmacjp2.dylib

0x116d68000 - 0x116d6ffff +libqpdf.dylib (0) <1FCE7912-1E8C-3F40-A00B-5EDAF92A1B3D> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqpdf.dylib

0x116d7c000 - 0x1173a3fff +org.qt-project.QtPdf (5.15 - 5.15.4) <0DDE3E49-C34D-3830-BDBA-AB8B604D1C24> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/QtPdf.framework/Versions/5/QtPdf

0x1173f4000 - 0x1173fbfff +libqsvg.dylib (0) <DF8212CF-A517-38F1-8148-199B7F644F80> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqsvg.dylib

0x117408000 - 0x11740ffff +libqtga.dylib (0) <3EF46E07-0C92-34E8-BC51-4FB99F85B852> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqtga.dylib

0x11741c000 - 0x117487fff +libqtiff.dylib (0) <8713C0F3-C7D8-3C6E-A67D-F3CB3EB992D0> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqtiff.dylib

0x117498000 - 0x11749ffff +libqwbmp.dylib (0) <DD42290A-710F-3057-AF4E-9328680A29CF> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqwbmp.dylib

0x1174ac000 - 0x117547fff +libqwebp.dylib (0) <B63243B8-9DCE-3EBF-81BA-21F34C84ADD4> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqwebp.dylib

0x118eaa000 - 0x119301fff com.apple.AMDRadeonX5000MTLDriver (4.5.14 - 4.0.5) <1713200F-BFE9-37E4-93FD-F9639F8B584B> /System/Library/Extensions/AMDRadeonX5000MTLDriver.bundle/Contents/MacOS/AMDRadeonX5000MTLDriver

0x140bd7000 - 0x140c9efff +StarGenerator-pxm.dylib (0) <D633DCE2-A604-3257-909A-8F8B0594C4C0> /Applications/PixInsight/*/StarGenerator-pxm.dylib

0x144444000 - 0x144553fff +Gaia-pxm.dylib (0) <B377DB77-2B27-3060-B0CC-BF11F23FB302> /Applications/PixInsight/*/Gaia-pxm.dylib

0x14459c000 - 0x1445dbfff +NoOperation-pxm.dylib (0) <43A4AD4B-365F-3F4F-B9C2-AABFCB26FF77> /Applications/PixInsight/*/NoOperation-pxm.dylib

0x147e89000 - 0x147f14fff +StarNet-pxm.dylib (0) <4596529C-32E9-3515-9D17-3BF62281B177> /Applications/PixInsight/*/StarNet-pxm.dylib

0x14ad00000 - 0x14ad87fff +ArcsinhStretch-pxm.dylib (0) <307AA0DB-9D2E-3ABD-B069-54936B9694A4> /Applications/PixInsight/*/ArcsinhStretch-pxm.dylib

0x14af00000 - 0x14b0f3fff +CosmeticCorrection-pxm.dylib (0) <9838B0D7-E8DC-375F-ADBE-D56D9A9199B1> /Applications/PixInsight/*/CosmeticCorrection-pxm.dylib

0x14b15c000 - 0x14b3b7fff +FITS-pxm.dylib (0) <E553CD82-C0D8-3C84-8D87-7069DBBA48D7> /Applications/PixInsight/*/FITS-pxm.dylib

0x14b56c000 - 0x14b677fff +Morphology-pxm.dylib (0) <567E8E6C-5A9B-3C3E-ADB6-25264A5AF00D> /Applications/PixInsight/*/Morphology-pxm.dylib

0x14b6b4000 - 0x14b81bfff +GradientDomain-pxm.dylib (0) <CCB3530F-F945-35CF-929D-8292AAB2AD04> /Applications/PixInsight/*/GradientDomain-pxm.dylib

0x14f127000 - 0x14f1c2fff +LocalHistogramEqualization-pxm.dylib (0) <CEB72BE2-338E-3DA1-BD25-8B318ED28184> /Applications/PixInsight/*/LocalHistogramEqualization-pxm.dylib

0x15d500000 - 0x15d61ffff +JPEG-pxm.dylib (0) <5810D992-6D38-3BB9-B88D-9CABC8BF31EF> /Applications/PixInsight/*/JPEG-pxm.dylib

0x15d668000 - 0x15d9c7fff +IntensityTransformations-pxm.dylib (0) <3DE4E203-DE24-3F4C-B9A8-81FB4D4CDC1E> /Applications/PixInsight/*/IntensityTransformations-pxm.dylib

0x15da80000 - 0x15db8ffff +APASS-pxm.dylib (0) <2BD976B4-80CB-3123-8918-DD32F3F6F7F7> /Applications/PixInsight/*/APASS-pxm.dylib

0x15dbd8000 - 0x15dd97fff +RAW-pxm.dylib (0) <48FA208C-1A6B-3024-B416-A7565538AA87> /Applications/PixInsight/*/RAW-pxm.dylib

0x15de38000 - 0x15e2a3fff +ImageIntegration-pxm.dylib (0) <FC040612-7915-36B5-8788-15A5EE0753A7> /Applications/PixInsight/*/ImageIntegration-pxm.dylib

0x15e384000 - 0x15e4f3fff +NoiseReduction-pxm.dylib (0) <743542A4-9911-32DC-AD0C-5597FAB6F830> /Applications/PixInsight/*/NoiseReduction-pxm.dylib

0x15e554000 - 0x1697b5fff +libtensorflow.2.3.0.dylib (0) <F11AE1BA-A636-3A05-A22A-8263BF9027CC> /Applications/PixInsight/*/libtensorflow.2.3.0.dylib

0x173359000 - 0x1744e1fff +libtensorflow_framework.2.3.0.dylib (0) <75FD82B6-7081-307C-BA8E-AC7382F1A486> /Applications/PixInsight/*/libtensorflow_framework.2.3.0.dylib

0x174ff3000 - 0x175112fff +JPEG2000-pxm.dylib (0) <220FCBFF-4398-336C-8E25-155BF2A94CEA> /Applications/PixInsight/*/JPEG2000-pxm.dylib

0x17516b000 - 0x175326fff +XISF-pxm.dylib (0) <B7F971F5-A406-3607-B915-3FB5B3FD61BD> /Applications/PixInsight/*/XISF-pxm.dylib

0x17538f000 - 0x17554efff +CloneStamp-pxm.dylib (0) <CAEE52CD-638B-3694-A7E2-C58266449514> /Applications/PixInsight/*/CloneStamp-pxm.dylib

0x1755af000 - 0x175882fff +CometAlignment-pxm.dylib (0)
 <E10EF65C-0E0E-300D-801E-B7E2DCFCBDD1> /Applications/PixInsight/*/CometAlignment-pxm.dylib
 0x175903000 - 0x175b1efff +RestorationFilters-pxm.dylib (0) <3EA38A31-252E-3317-BFFD-41AB99A69DFE> /Applications/PixInsight/*/RestorationFilters-pxm.dylib
 0x175b8f000 - 0x175ed2fff +ColorCalibration-pxm.dylib (0) <7C4BC332-93C3-3515-A531-478746E55B82> /Applications/PixInsight/*/ColorCalibration-pxm.dylib
 0x175f6f000 - 0x1760d2fff +Obsolete-pxm.dylib (0) <ED03AE18-190F-3F2F-A611-3555B3A154FD> /Applications/PixInsight/*/Obsolete-pxm.dylib
 0x176123000 - 0x1762b2fff +Blink-pxm.dylib (0)
 <567E443E-45C0-3609-9D39-1CCE4330219B> /Applications/PixInsight/*/Blink-pxm.dylib
 0x17630b000 - 0x17641efff +Flux-pxm.dylib (0) <8F23E3FB-7B3E-3C5F-A1F7-EDDCD1A13714> /Applications/PixInsight/*/Flux-pxm.dylib
 0x17646f000 - 0x17654afff +ColorManagement-pxm.dylib (0) <0B9D0224-9B6F-3E17-BAFA-507BF84AB3B2> /Applications/PixInsight/*/ColorManagement-pxm.dylib
 0x17658b000 - 0x17695afff +MultiscaleProcessing-pxm.dylib (0)
 <598C4EF8-5205-3B80-A1AA-43B6288F10B6> /Applications/PixInsight/*/MultiscaleProcessing-pxm.dylib
 0x176a03000 - 0x176ab2fff +Fourier-pxm.dylib (0) <F3DB3969-834C-351E-B6A2-43A764D67D52> /Applications/PixInsight/*/Fourier-pxm.dylib
 0x176aeb000 - 0x176c52fff +Global-pxm.dylib (0) <B05E6779-7D4D-3D4B-BC2D-49BB4A185017> /Applications/PixInsight/*/Global-pxm.dylib
 0x176cd3000 - 0x176e92fff +Geometry-pxm.dylib (0) <B1FBF00E-8642-3594-951F-CD393854C420> /Applications/PixInsight/*/Geometry-pxm.dylib
 0x176f0b000 - 0x1770dafff +MaskGeneration-pxm.dylib (0) <35AFB06A-3EC8-3738-AC1C-9A841B122B7D> /Applications/PixInsight/*/MaskGeneration-pxm.dylib
 0x177137000 - 0x17736efff +Deconvolution-pxm.dylib (0) <C5C677EF-73D4-3EB3-BF00-A7127B8DCC72> /Applications/PixInsight/*/Deconvolution-pxm.dylib
 0x1773df000 - 0x177722fff +ImageCalibration-pxm.dylib (0)
 <9AF6BCBD-85D0-3031-88BE-444508EE197F> /Applications/PixInsight/*/ImageCalibration-pxm.dylib
 0x1777c3000 - 0x1778aefff +SplitCFA-pxm.dylib (0) <A792ED23-37B1-3C51-B29A-3E02CC7D070D> /Applications/PixInsight/*/SplitCFA-pxm.dylib
 0x1777fb000 - 0x177ce2fff +PixelMath-pxm.dylib (0)
 <3DD5E0BD-54E4-3766-9682-6D49655E89DB> /Applications/PixInsight/*/PixelMath-pxm.dylib
 0x1777da3000 - 0x177e26fff +Annotation-pxm.dylib (0) <EF278CF8-D704-347B-818D-8C2322E5EE33> /Applications/PixInsight/*/Annotation-pxm.dylib
 0x177e53000 - 0x177f5efff +BMP-pxm.dylib (0) <D052EFC5-CC2B-3942-99ED-0E6B3A1009AB> /Applications/PixInsight/*/BMP-pxm.dylib
 0x177fab000 - 0x17801efff +Sandbox-pxm.dylib (0) <D56EF5AE-DDAE-3376-B541-0F45B8AF6B3E> /Applications/PixInsight/*/Sandbox-pxm.dylib
 0x178047000 - 0x17832efff +Convolution-pxm.dylib (0) <A1144D0E-B848-36FB-854B-20FB16A2BCB4> /Applications/PixInsight/*/Convolution-pxm.dylib
 0x1783bf000 - 0x1786befff +Image-pxm.dylib (0) <0B547250-B0A7-397C-B037-08114A88D9D9> /Applications/PixInsight/*/Image-pxm.dylib
 0x17874f000 - 0x1787d6fff +AssistedColorCalibration-pxm.dylib (0)
 <07ECD1C6-6D34-3545-BC33-C755EF93F141> /Applications/PixInsight/*/AssistedColorCalibration-pxm.dylib
 0x178807000 - 0x178972fff +EphemerisGeneration-pxm.dylib (0) <E6BFD49F-C31B-32DA-A9A4-5E9621E19557> /Applications/PixInsight/*/EphemerisGeneration-pxm.dylib
 0x178a0f000 - 0x178f06fff +ColorSpaces-pxm.dylib (0) <D9B1C1B7-C58A-3879-A107-B3870738111C> /Applications/PixInsight/*/ColorSpaces-pxm.dylib
 0x178fbf000 - 0x179146fff +BackgroundModelization-pxm.dylib (0)
 <C37F85C7-7BD0-369B-9630-C2C51831CF25> /Applications/PixInsight/*/BackgroundModelization-pxm.dylib
 0x1791b7000 - 0x179536fff +SubframeSelector-pxm.dylib (0) <65BD710F-4D2D-3026-ACFE-2B6AB1B5DD77> /Applications/PixInsight/*/SubframeSelector-pxm.dylib
 0x1795d7000 - 0x179692fff +GREYCstoration-pxm.dylib (0)
 <65106523-3A4B-3A81-9C3A-4457FCC5BB91> /Applications/PixInsight/*/GREYCstoration-pxm.dylib

0x1796c3000 - 0x179c2efff +ImageRegistration-pxm.dylib (0) <A5258F68-816B-3402-ACF2-9EA43DF2D5C3> /Applications/PixInsight/*/ImageRegistration-pxm.dylib
 0x179d43000 - 0x179fefff +Compatibility-pxm.dylib (0)
 <2ED174E2-50E3-32D6-80A8-890BDF513210> /Applications/PixInsight/*/Compatibility-pxm.dylib
 0x17a077000 - 0x17a1d6fff +TGV-pxm.dylib (0)
 <A3EB9895-99FC-3400-98B1-622106CB9A92> /Applications/PixInsight/*/TGV-pxm.dylib
 0x17a227000 - 0x17a40afff +Debayer-pxm.dylib (0) <68550B36-A2B1-3C87-9E5F-1CDEEADB8349> /Applications/PixInsight/*/Debayer-pxm.dylib
 0x17a47b000 - 0x17a622fff +TIFF-pxm.dylib (0) <46C6072C-0D62-31D0-9FEF-B69471030394> /Applications/PixInsight/*/TIFF-pxm.dylib
 0x17a683000 - 0x17a6f6fff +NoiseGeneration-pxm.dylib (0) <8DC007E1-3C8A-3D03-A38D-F836571DE241> /Applications/PixInsight/*/NoiseGeneration-pxm.dylib
 0x7fff200e0000 - 0x7fff200e1fff libsystem_blocks.dylib (79) <48AF56A9-6E42-3A5E-A213-E6AFD8F81044> /usr/lib/system/libsystem_blocks.dylib
 0x7fff200e2000 - 0x7fff20117fff libxpc.dylib (2038.120.1) <5751A7F5-6DC5-3090-B7F1-D90ED71BEF1F> /usr/lib/system/libxpc.dylib
 0x7fff20118000 - 0x7fff2012ffff libsystem_trace.dylib (1277.120.1) <8E243C00-BFC2-3FAA-989C-0D72314DB04D> /usr/lib/system/libsystem_trace.dylib
 0x7fff20130000 - 0x7fff201cdfff libcorecrypto.dylib (1000.120.2) <FADB19A0-1BF3-3F47-B729-87B4FA8CA677> /usr/lib/system/libcorecrypto.dylib
 0x7fff201ce000 - 0x7fff201fafff libsystem_malloc.dylib (317.121.1)
 <CAD162A5-7367-3A30-9C15-5D036411AEDE> /usr/lib/system/libsystem_malloc.dylib
 0x7fff201fb000 - 0x7fff2023ffff libdispatch.dylib (1271.120.2)
 <7B229797-1F2E-3409-9D0C-060C7EEF2E12> /usr/lib/system/libdispatch.dylib
 0x7fff20240000 - 0x7fff20279fff libobjc.A.dylib (824)
 <FE5AF22E-80A1-34BB-98D6-610879988BAA> /usr/lib/libobjc.A.dylib
 0x7fff2027a000 - 0x7fff2027cfff libsystem_featureflags.dylib (28.60.1)
 <77F7F479-39BD-3111-BE3C-C74567FD120C> /usr/lib/system/libsystem_featureflags.dylib
 0x7fff2027d000 - 0x7fff20305fff libsystem_c.dylib (1439.100.3) <38F8A126-C995-349A-B909-FF831914ED2E> /usr/lib/system/libsystem_c.dylib
 0x7fff20306000 - 0x7fff2035bfff libc++.1.dylib (905.6) <B3812B86-4FCF-3A10-8866-DF67940A974C> /usr/lib/libc++.1.dylib
 0x7fff2035c000 - 0x7fff20371fff libc++abi.dylib (905.6) <A0FE88B7-E157-3C9C-A29A-11D3BE3436B3> /usr/lib/libc++abi.dylib
 0x7fff20372000 - 0x7fff203a1fff libsystem_kernel.dylib (7195.121.3) <A4938CF5-ABC0-397B-8A6E-B7BEEFA24D0A> /usr/lib/system/libsystem_kernel.dylib
 0x7fff203a2000 - 0x7fff203adfff libsystem_pthread.dylib (454.120.2)
 <17482C9D-061E-3769-AC9E-BE1239D33098> /usr/lib/system/libsystem_pthread.dylib
 0x7fff203ae000 - 0x7fff203e9fff libdyld.dylib (852) <C10CEA28-D5A0-324F-8F07-8C7CE4805412> /usr/lib/system/libdyld.dylib
 0x7fff203ea000 - 0x7fff203f3fff libsystem_platform.dylib (254.80.2) <8664A4CD-EE27-3C71-B5CC-06E2B1B4F394> /usr/lib/system/libsystem_platform.dylib
 0x7fff203f4000 - 0x7fff2041ffff libsystem_info.dylib (542.40.3) <EA3F9C9C-3116-3DB4-A3F1-5B03172C1E72> /usr/lib/system/libsystem_info.dylib
 0x7fff20420000 - 0x7fff208bdfff com.apple.CoreFoundation (6.9 - 1776.103) <01EFB7F8-BCE6-32DF-A0B8-02F9027F882C> /System/Library/Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation
 0x7fff208be000 - 0x7fff20af2fff com.apple.LaunchServices (1122.38 - 1122.38)
 <241B3D82-2C9C-3F7D-88BD-AC78A689FF04> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/LaunchServices.framework/Versions/A/LaunchServices
 0x7fff20af3000 - 0x7fff20bc6fff com.apple.gpusw.MetalTools (1.0 - 1) <03202B68-E515-3CBE-AC5A-39E80A702A6F> /System/Library/PrivateFrameworks/MetalTools.framework/Versions/A/MetalTools
 0x7fff20bc7000 - 0x7fff20e23fff libBLAS.dylib (1336.120.1) <44514FE9-B994-380E-8341-4ABA30DB8895> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBLAS.dylib

0x7fff20e24000 - 0x7fff20e71fff com.apple.Lexicon-framework (1.0 - 86.2)
<F69DF515-4980-36C8-9F5D-987B67D2AFAF> /System/Library/PrivateFrameworks/
Lexicon.framework/Versions/A/Lexicon
0x7fff20e72000 - 0x7fff20ee0fff libSparse.dylib (106) <E7F273C0-18F8-3688-9B63-
C86DEB06740A> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libSparse.dylib
0x7fff20ee1000 - 0x7fff20f5efff com.apple.SystemConfiguration (1.20 - 1.20)
<81EDA68C-051A-3F4C-B79E-B53B365B67B1> /System/Library/Frameworks/
SystemConfiguration.framework/Versions/A/SystemConfiguration
0x7fff20f5f000 - 0x7fff20f93fff libCRFSuite.dylib (50) <703BB228-D959-3009-
AF3F-0015588F531A> /usr/lib/libCRFSuite.dylib
0x7fff20f94000 - 0x7fff211ccfff libmecabra.dylib (929.10) <43C2A11F-7F68-31B6-
AD65-31282837DED3> /usr/lib/libmecabra.dylib
0x7fff211cd000 - 0x7fff2152bfff com.apple.Foundation (6.9 - 1776.103)
<3C3B967D-778D-30BF-A3F8-E734FAFD76F2> /System/Library/Frameworks/
Foundation.framework/Versions/C/Foundation
0x7fff2152c000 - 0x7fff21614fff com.apple.LanguageModeling (1.0 - 247.3) <58ACD840-
A17B-3CB0-B010-7E4493C5BC5C> /System/Library/PrivateFrameworks/
LanguageModeling.framework/Versions/A/LanguageModeling
0x7fff21615000 - 0x7fff2174bfff com.apple.CoreDisplay (237.3 - 237.3)
<65322ECF-632D-362D-870D-5CE69B1B6C60> /System/Library/Frameworks/
CoreDisplay.framework/Versions/A/CoreDisplay
0x7fff2174c000 - 0x7fff219bcfff com.apple.audio.AudioToolboxCore (1.0 - 1181.68)
<87BA778B-6634-30D8-BF69-678C36246242> /System/Library/PrivateFrameworks/
AudioToolboxCore.framework/Versions/A/AudioToolboxCore
0x7fff219bd000 - 0x7fff21ba2fff com.apple.CoreText (677.5.0.5 - 677.5.0.5) <C148A259-
D01A-3634-9449-119EB084ABA9> /System/Library/Frameworks/CoreText.framework/Versions/
A/CoreText
0x7fff21ba3000 - 0x7fff22233fff com.apple.audio.CoreAudio (5.0 - 5.0)
<E987DC18-3396-3AAD-A66A-2B755C8D242A> /System/Library/Frameworks/
CoreAudio.framework/Versions/A/CoreAudio
0x7fff22234000 - 0x7fff22588fff com.apple.security (7.0 - 59754.120.12)
<7C3D689E-9B3E-3F73-ACF0-F40C1297D180> /System/Library/Frameworks/
Security.framework/Versions/A/Security
0x7fff22589000 - 0x7fff227e8fff libicucore.A.dylib (66112) <9957A773-012E-3ABA-9587-
CFF787170AE8> /usr/lib/libicucore.A.dylib
0x7fff227e9000 - 0x7fff227f2fff libsystem_darwin.dylib (1439.100.3) <BF5B5FD8-
B5A3-3035-8641-466E625A6CE8> /usr/lib/system/libsystem_darwin.dylib
0x7fff227f3000 - 0x7fff22adefff com.apple.CoreServices.CarbonCore (1307.3 - 1307.3)
<1C5425B5-0E8C-3691-99AB-44F17F357C81> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/CarbonCore.framework/Versions/A/CarbonCore
0x7fff22adf000 - 0x7fff22b1dfff com.apple.CoreServicesInternal (476.1.1 - 476.1.1)
<6CF5F363-4653-3605-A340-363C743BBEDD> /System/Library/PrivateFrameworks/
CoreServicesInternal.framework/Versions/A/CoreServicesInternal
0x7fff22b1e000 - 0x7fff22b58fff com.apple.CSSStore (1122.38 - 1122.38)
<A664672F-440D-3BA8-8851-68B4C6AB1022> /System/Library/PrivateFrameworks/
CoreServicesStore.framework/Versions/A/CoreServicesStore
0x7fff22b59000 - 0x7fff22c07fff com.apple.framework.IOKit (2.0.2 - 1845.120.6)
<C6E70E82-8508-3515-ACE1-361E575D466A> /System/Library/Frameworks/IOKit.framework/
Versions/A/IOKit
0x7fff22c08000 - 0x7fff22c13fff libsystem_notify.dylib (279.40.4) <7FFECC25-
FA84-3B59-9CC8-4D9DC84E6EC1> /usr/lib/system/libsystem_notify.dylib
0x7fff22c14000 - 0x7fff22c61fff libsandbox.1.dylib (1441.120.5)
<F4FF5F3E-6533-3BD5-8EF1-D298E0C954F6> /usr/lib/libsandbox.1.dylib
0x7fff22c62000 - 0x7fff239aafff com.apple.AppKit (6.9 - 2022.50.114)
<02279013-2888-3A1D-8F28-0C39A64EF5FA> /System/Library/Frameworks/AppKit.framework/
Versions/C/AppKit
0x7fff239ab000 - 0x7fff23bf9fff com.apple.UIFoundation (1.0 - 728.8) <A901F2AB-
A1C3-3BDB-A2ED-33CAEC118589> /System/Library/PrivateFrameworks/
UIFoundation.framework/Versions/A/UIFoundation

0x7fff23bfa000 - 0x7fff23c0cfff com.apple.UniformTypeIdentifiers (637 - 637) <8DEE5893-C380-335B-B3DA-DD49DA8FB037> /System/Library/Frameworks/UniformTypeIdentifiers.framework/Versions/A/UniformTypeIdentifiers
0x7fff23c0d000 - 0x7fff23d97fff com.apple.desktopservices (1.20 - 1346.5.1) <E4F2E32A-6D94-35D5-B510-44C604236A64> /System/Library/PrivateFrameworks/DesktopServicesPriv.framework/Versions/A/DesktopServicesPriv
0x7fff23d98000 - 0x7fff23daafff com.apple.metadata.SpotlightLinguistics (1.0 - 1) <F2CF2BBE-4A8D-38A6-89DF-EF0FD6CA4260> /System/Library/PrivateFrameworks/SpotlightLinguistics.framework/Versions/A/SpotlightLinguistics
0x7fff23dab000 - 0x7fff23fb9fff com.apple.CoreDuet (1.0 - 1) <99A5E510-8D00-32C0-AF4B-5E1CDF48B50D> /System/Library/PrivateFrameworks/CoreDuet.framework/Versions/A/CoreDuet
0x7fff23fba000 - 0x7fff24076fff libboringssl.dylib (351.100.9) <0B62410E-6688-3C06-8296-03FBF0F120F8> /usr/lib/libboringssl.dylib
0x7fff24077000 - 0x7fff246fdfff libnetwork.dylib (2288.121.1) <728F736C-8AB2-30C0-8E61-A84F34642B18> /usr/lib/libnetwork.dylib
0x7fff246fe000 - 0x7fff24b9cfff com.apple.CFNetwork (1240.0.4 - 1240.0.4) <83684BEF-A3CE-3227-8E10-A8A538CCA9AE> /System/Library/Frameworks/CFNetwork.framework/Versions/A/CFNetwork
0x7fff24b9d000 - 0x7fff24babfff libsystem_networkextension.dylib (1295.120.5) <02486B74-EAAD-3055-AE20-F12E79B39297> /usr/lib/system/libsystem_networkextension.dylib
0x7fff24bac000 - 0x7fff24bacfff libenergytrace.dylib (22.100.1) <7039CE14-0DED-3FD3-A540-A01DEFC4314D> /usr/lib/libenergytrace.dylib
0x7fff24bad000 - 0x7fff24c09fff libMobileGestalt.dylib (978.120.1) <9FF187B8-854F-338D-BD6A-AE142C815617> /usr/lib/libMobileGestalt.dylib
0x7fff24c0a000 - 0x7fff24c20fff libsystem_asl.dylib (385) <B3E89650-A7FE-3E93-8A1B-D88145FDD45C> /usr/lib/system/libsystem_asl.dylib
0x7fff24c21000 - 0x7fff24c38fff com.apple.TCC (1.0 - 1) <5D202FF3-7BD8-3384-A8AB-7D62CD14C412> /System/Library/PrivateFrameworks/TCC.framework/Versions/A/TCC
0x7fff24c39000 - 0x7fff24f9dfff com.apple.SkyLight (1.600.0 - 588.1) <D5925B80-2468-3709-9DFD-BEAF418169EC> /System/Library/PrivateFrameworks/SkyLight.framework/Versions/A/SkyLight
0x7fff24f9e000 - 0x7fff25627fff com.apple.CoreGraphics (2.0 - 1463.14.2) <8E1776B9-0046-3FCF-BF54-F76490EA4A27> /System/Library/Frameworks/CoreGraphics.framework/Versions/A/CoreGraphics
0x7fff25628000 - 0x7fff2571efff com.apple.ColorSync (4.13.0 - 3473.4.3) <CB975116-61F8-330F-B111-3F0467F88BC1> /System/Library/Frameworks/ColorSync.framework/Versions/A/ColorSync
0x7fff2571f000 - 0x7fff2577afff com.apple.HIServices (1.22 - 716) <132B9E44-BF23-3B61-96F2-7678C81115AA> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/HIServices.framework/Versions/A/HIServices
0x7fff2586e000 - 0x7fff25a2efff com.apple.Montreal (1.0 - 142) <745B32B7-CBED-3D9B-A95F-C10F31357AA2> /System/Library/PrivateFrameworks/Montreal.framework/Versions/A/Montreal
0x7fff25a2f000 - 0x7fff25b20fff com.apple.NLP (1.0 - 210.2) <740D7E7D-6576-34B0-B20E-830226C1794A> /System/Library/PrivateFrameworks/NLP.framework/Versions/A/NLP
0x7fff25b21000 - 0x7fff25f40fff com.apple.CoreData (120 - 1048) <D3DAFFD5-CC38-3A82-B138-015DBFD551D9> /System/Library/Frameworks/CoreData.framework/Versions/A/CoreData
0x7fff25f41000 - 0x7fff25f56fff com.apple.ProtocolBuffer (1 - 285.24.10.20.1) <C92547DE-86B8-3734-A17D-D0F9B4AE1300> /System/Library/PrivateFrameworks/ProtocolBuffer.framework/Versions/A/ProtocolBuffer
0x7fff25f57000 - 0x7fff2610afff libsqlite3.dylib (321.3) <E9324AF2-968F-3459-A0EB-2FD4E8A3BF09> /usr/lib/libsqlite3.dylib
0x7fff2610b000 - 0x7fff26187fff com.apple.Accounts (113 - 113) <E31BCCDB-C1E3-3C74-9527-EF1643FF6224> /System/Library/Frameworks/Accounts.framework/Versions/A/Accounts
0x7fff26188000 - 0x7fff2619ffff com.apple.commonutilities (8.0 - 900) <4EBBE25A-3599-3DC8-B846-F90BD23FED85> /System/Library/PrivateFrameworks/CommonUtilities.framework/Versions/A/CommonUtilities

0x7fff261a0000 - 0x7fff2621ffff com.apple.BaseBoard (526 - 526)
<ECED5758-3FD9-3F09-8E55-2230E391373A> /System/Library/PrivateFrameworks/
BaseBoard.framework/Versions/A/BaseBoard
0x7fff26220000 - 0x7fff26268fff com.apple.RunningBoardServices (1.0 - 505.100.8)
<F72D5FDE-6DC0-3068-AD08-CA8D165E574D> /System/Library/PrivateFrameworks/
RunningBoardServices.framework/Versions/A/RunningBoardServices
0x7fff26269000 - 0x7fff262ddfff com.apple.AE (918.6 - 918.6)
<A9B7A6D0-85CE-31CD-8926-81D3A714AF42> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/AE.framework/Versions/A/AE
0x7fff262de000 - 0x7fff262e4fff libdns_services.dylib (1310.120.71)
<6F77A4C7-40B9-3062-8650-6E1E2FD07046> /usr/lib/libdns_services.dylib
0x7fff262e5000 - 0x7fff262ecfff libsystem_symptoms.dylib (1431.120.1) <3BEA5355-
D267-39D4-8BC6-A1703845BD3F> /usr/lib/system/libsystem_symptoms.dylib
0x7fff262ed000 - 0x7fff26478fff com.apple.Network (1.0 - 1)
<39B5F4D8-5105-37CB-9F18-2B2C36CB4B42> /System/Library/Frameworks/
Network.framework/Versions/A/Network
0x7fff26479000 - 0x7fff264a8fff com.apple.analyticsd (1.0 - 1)
<2DABBC97-042F-39C7-85A5-A6F47BCAC5EC> /System/Library/PrivateFrameworks/
CoreAnalytics.framework/Versions/A/CoreAnalytics
0x7fff264a9000 - 0x7fff264abfff libDiagnosticMessagesClient.dylib (112)
<8D0655AC-218F-3AA6-9802-2444E6801067> /usr/lib/libDiagnosticMessagesClient.dylib
0x7fff264ac000 - 0x7fff264f8fff com.apple.spotlight.metadata.utilities (1.0 - 2150.21)
<7CE4BC56-65ED-3D75-8DA0-05EFE1BA2256> /System/Library/PrivateFrameworks/
MetadataUtilities.framework/Versions/A/MetadataUtilities
0x7fff264f9000 - 0x7fff26593fff com.apple.Metadata (10.7.0 - 2150.21)
<04F83B90-3535-326F-8897-D43F55DDE771> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/Metadata.framework/Versions/A/Metadata
0x7fff26594000 - 0x7fff2659afff com.apple.DiskArbitration (2.7 - 2.7)
<97F9E5D9-0942-3AD6-8D31-65106C452CB8> /System/Library/Frameworks/
DiskArbitration.framework/Versions/A/DiskArbitration
0x7fff2659b000 - 0x7fff26c02fff com.apple.vImage (8.1 - 544.4) <A711FD44-1495-3D7B-
BF5C-E238C17B1A79> /System/Library/Frameworks/Accelerate.framework/Versions/A/
Frameworks/vImage.framework/Versions/A/vImage
0x7fff26c03000 - 0x7fff26edffff com.apple.QuartzCore (1.11 - 927.21) <F384A0C0-
F855-3B4D-AAD0-E0F0550E226C> /System/Library/Frameworks/QuartzCore.framework/
Versions/A/QuartzCore
0x7fff26ee0000 - 0x7fff26f21fff libFontRegistry.dylib (309) <5D9848B3-14C7-34A8-A981-
B3C2CFD12BD9> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/
Frameworks/ATS.framework/Versions/A/Resources/libFontRegistry.dylib
0x7fff26f22000 - 0x7fff27062fff com.apple.coreui (2.1 - 692.1) <76D85525-8D99-3F0F-
BC36-DEA342D4589D> /System/Library/PrivateFrameworks/CoreUI.framework/Versions/A/
CoreUI
0x7fff27063000 - 0x7fff2714efff com.apple.ViewBridge (553.1 - 553.1)
<21A4A790-5A90-3C45-979E-9CF3ED9E8092> /System/Library/PrivateFrameworks/
ViewBridge.framework/Versions/A/ViewBridge
0x7fff2714f000 - 0x7fff2715afff com.apple.PerformanceAnalysis (1.278.3 - 278.3)
<3FE8B4FD-B159-38B0-BA07-DE6722AC9F55> /System/Library/PrivateFrameworks/
PerformanceAnalysis.framework/Versions/A/PerformanceAnalysis
0x7fff2715b000 - 0x7fff2716afff com.apple.OpenDirectory (11.4 - 230.40.1)
<32596EC3-5500-3B18-ABCD-D92EDEDE74BF> /System/Library/Frameworks/
OpenDirectory.framework/Versions/A/OpenDirectory
0x7fff2716b000 - 0x7fff2718afff com.apple.CFOpenDirectory (11.4 - 230.40.1)
<3AA364D1-58AE-3C8D-B897-5B4AC3256BE7> /System/Library/Frameworks/
OpenDirectory.framework/Versions/A/Frameworks/CFOpenDirectory.framework/Versions/A/
CFOpenDirectory
0x7fff2718b000 - 0x7fff27197fff com.apple.CoreServices.FSEvents (1290.120.5 -
1290.120.5) <4C4959DF-FE61-30E8-8BBB-3BF674BE203A> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/FSEvents.framework/Versions/A/FSEvents
0x7fff27198000 - 0x7fff271bcfff com.apple.coreservices.SharedFileList (144 - 144)
<4418DDA1-CA34-3402-97F2-CE9B60019617> /System/Library/Frameworks/

CoreServices.framework/Versions/A/Frameworks/SharedFileList.framework/Versions/A/SharedFileList
0x7fff271bd000 - 0x7fff271bffff libapp_launch_measurement.dylib (14.1) <78905455-A807-3D67-AD56-FF8C22D31B16> /usr/lib/libapp_launch_measurement.dylib
0x7fff271c0000 - 0x7fff27207fff com.apple.CoreAutoLayout (1.0 - 21.10.1) <E848DF1F-1C82-3F04-87B8-9BF0C956A587> /System/Library/PrivateFrameworks/CoreAutoLayout.framework/Versions/A/CoreAutoLayout
0x7fff27208000 - 0x7fff272eafff libxml2.2.dylib (34.9) <08E7CAB2-0EED-376C-880A-E52CC01E82F3> /usr/lib/libxml2.2.dylib
0x7fff272eb000 - 0x7fff27338fff com.apple.CoreVideo (1.8 - 414.7) <29D4EA46-F0B6-3004-863C-0940ACD200C2> /System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo
0x7fff27339000 - 0x7fff2733bfff com.apple.loginsupport (1.0 - 1) <02FCC3AF-1E2D-3603-9D6F-33589ED28A00> /System/Library/PrivateFrameworks/login.framework/Versions/A/Frameworks/loginsupport.framework/Versions/A/loginsupport
0x7fff2733c000 - 0x7fff27363fff com.apple.aps.framework (4.0 - 4.0) <6BF45799-EAA7-3F54-B3BB-501F40B0F62F> /System/Library/PrivateFrameworks/ApplePushService.framework/Versions/A/ApplePushService
0x7fff27364000 - 0x7fff2737ffff com.apple.UserManagement (1.0 - 1) <12F6D91A-C660-37CD-90E7-A0137393F080> /System/Library/PrivateFrameworks/UserManagement.framework/Versions/A/UserManagement
0x7fff27380000 - 0x7fff27511fff com.apple.cloudkit.CloudKit (985 - 985) <B6A0F4FE-3993-3646-B79C-0F34D2AB7F49> /System/Library/Frameworks/CloudKit.framework/Versions/A/CloudKit
0x7fff27512000 - 0x7fff27593fff com.apple.CloudDocs (1.0 - 738) <CC802433-EE65-3AF7-AEE9-8AB47695875B> /System/Library/PrivateFrameworks/CloudDocs.framework/Versions/A/CloudDocs
0x7fff27594000 - 0x7fff27923fff com.apple.CoreML (1.0 - 1) <ECB60EC6-74B3-3A4D-9EA8-61A14BE1B2C0> /System/Library/Frameworks/CoreML.framework/Versions/A/CoreML
0x7fff28276000 - 0x7fff282f2fff com.apple.corelocation (2420.19.23 - 2420.19.23) <0D8A0FDD-86BA-30B9-B5A2-0755D880CB2F> /System/Library/Frameworks/CoreLocation.framework/Versions/A/CoreLocation
0x7fff282f3000 - 0x7fff28303fff libsystem_containermanager.dylib (318.100.4) <2BBFF58C-D27E-3371-968D-7DE1E53749F6> /usr/lib/system/libsystem_containermanager.dylib
0x7fff28304000 - 0x7fff28315fff com.apple.IOSurface (290.8.1 - 290.8.1) <BA97183F-8EE4-3833-8AA7-06D9B9D39BDF> /System/Library/Frameworks/IOSurface.framework/Versions/A/IOSurface
0x7fff28316000 - 0x7fff2831ffff com.apple.IOAccelerator (442.9 - 442.9) <91FA0C86-BD36-373C-B91A-7360D27CA614> /System/Library/PrivateFrameworks/IOAccelerator.framework/Versions/A/IOAccelerator
0x7fff28320000 - 0x7fff28443fff com.apple.Metal (244.201 - 244.201) <5197E017-D6CD-3611-A8B5-76A4FB901C6A> /System/Library/Frameworks/Metal.framework/Versions/A/Metal
0x7fff28444000 - 0x7fff28460fff com.apple.audio.caulk (1.0 - 70) <B6AB0B5B-ED36-3567-8112-5C9DEDBFBBFA> /System/Library/PrivateFrameworks/caulk.framework/Versions/A/caulk
0x7fff28461000 - 0x7fff2854bfff com.apple.CoreMedia (1.0 - 2775.22) <9C15E6D0-245E-3A6E-BC67-C1DF67F7EB2A> /System/Library/Frameworks/CoreMedia.framework/Versions/A/CoreMedia
0x7fff2854c000 - 0x7fff286acfff libFontParser.dylib (305.5.0.1) <DFE3F79C-849C-3FC7-AFC0-24AB83171A36> /System/Library/PrivateFrameworks/FontServices.framework/libFontParser.dylib
0x7fff286ad000 - 0x7fff289a8fff com.apple.HIToolbox (2.1.1 - 1061.11) <DFAA0674-E367-36D9-925A-4EA9A6954BB0> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox
0x7fff289a9000 - 0x7fff289bcfff com.apple.framework.DFRFoundation (1.0 - 266) <0B60B894-C5A5-38F0-8755-53BD217B0E36> /System/Library/PrivateFrameworks/DFRFoundation.framework/Versions/A/DFRFoundation

0x7fff289bd000 - 0x7fff289c0fff com.apple.dt.XCTTargetBootstrap (1.0 - 18119.1)
<8828FD40-9EE5-3E09-9DD7-8B7E34B34C26> /System/Library/PrivateFrameworks/
XCTTargetBootstrap.framework/Versions/A/XCTTargetBootstrap
0x7fff289c1000 - 0x7fff289eafff com.apple.CoreSVG (1.0 - 149) <BA347BBA-
DC27-3728-9728-A791957D3F59> /System/Library/PrivateFrameworks/CoreSVG.framework/
Versions/A/CoreSVG
0x7fff289eb000 - 0x7fff28c27fff com.apple.ImageIO (3.3.0 - 2130.5.4)
<14E0D520-1EE1-3C80-9827-4E5F513A7289> /System/Library/Frameworks/
ImageIO.framework/Versions/A/ImageIO
0x7fff28c28000 - 0x7fff28fa3fff com.apple.CoreImage (16.3.0 - 1140.2) <4A5B2859-
C1F7-3938-B4B6-DDEC972798D1> /System/Library/Frameworks/CoreImage.framework/
Versions/A/CoreImage
0x7fff28fa4000 - 0x7fff2900afff com.apple.MetalPerformanceShaders.MPSCore (1.0 - 1)
<20902DA8-4AAB-36C8-9224-4F9E828B465A> /System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSCore.framework/Versions/A/
MPSCore
0x7fff2900b000 - 0x7fff2900efff libsystem_configuration.dylib (1109.120.1)
<C7A9BD10-192B-31D3-92ED-2581A61A99F6> /usr/lib/system/libsystem_configuration.dylib
0x7fff2900f000 - 0x7fff29013fff libsystem_sandbox.dylib (1441.120.5)
<DC075A7C-9D4A-32D3-9022-CD47764AFDAD> /usr/lib/system/libsystem_sandbox.dylib
0x7fff29014000 - 0x7fff29015fff com.apple.AggregateDictionary (1.0 - 1) <4394E8DB-
F6D9-3F85-B894-F463378DC1B4> /System/Library/PrivateFrameworks/
AggregateDictionary.framework/Versions/A/AggregateDictionary
0x7fff29016000 - 0x7fff29019fff com.apple.AppleSystemInfo (3.1.5 - 3.1.5)
<1826DE1C-06B1-3140-A9A2-F7D55C1D9DB6> /System/Library/PrivateFrameworks/
AppleSystemInfo.framework/Versions/A/AppleSystemInfo
0x7fff2901a000 - 0x7fff2901bfff liblangid.dylib (136) <ADE3A41C-F815-39DE-
A978-1B0EE456167B> /usr/lib/liblangid.dylib
0x7fff2901c000 - 0x7fff290c0fff com.apple.CoreNLP (1.0 - 245.2) <9B1C60E4-2B36-34A7-
AF43-7EEC914FA1FE> /System/Library/PrivateFrameworks/CoreNLP.framework/Versions/A/
CoreNLP
0x7fff290c1000 - 0x7fff290c7fff com.apple.LinguisticData (1.0 - 399)
<48C87E01-670A-336C-9D37-723E06BE422D> /System/Library/PrivateFrameworks/
LinguisticData.framework/Versions/A/LinguisticData
0x7fff290c8000 - 0x7fff29770fff libBNNS.dylib (288.100.5) <48BD7046-5DBD-3F3D-
AD81-376AD24FA45D> /System/Library/Frameworks/Accelerate.framework/Versions/A/
Frameworks/vecLib.framework/Versions/A/libBNNS.dylib
0x7fff29771000 - 0x7fff29943fff libvDSP.dylib (760.100.3) <372AD8C6-F390-3257-A886-
D3B545AAB98C> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libvDSP.dylib
0x7fff29944000 - 0x7fff29955fff com.apple.CoreEmoji (1.0 - 128.4) <677784E7-E4E6-3405-
AC53-DD66197C4821> /System/Library/PrivateFrameworks/CoreEmoji.framework/Versions/A/
CoreEmoji
0x7fff29956000 - 0x7fff29960fff com.apple.IOMobileFramebuffer (343.0.0 - 343.0.0)
<A57347A7-1354-3F54-B9EC-E5F83A200AAF> /System/Library/PrivateFrameworks/
IOMobileFramebuffer.framework/Versions/A/IOMobileFramebuffer
0x7fff29961000 - 0x7fff29a33fff com.apple.framework.CoreWLAN (16.0 - 1657) <42166AAE-
D9EF-3EE6-A0F3-8B3E320BB39E> /System/Library/Frameworks/CoreWLAN.framework/
Versions/A/CoreWLAN
0x7fff29a34000 - 0x7fff29c35fff com.apple.CoreUtils (6.6 - 660.37) <D3F3801B-
EC48-3C0B-9438-0C12C4A0BA87> /System/Library/PrivateFrameworks/CoreUtils.framework/
Versions/A/CoreUtils
0x7fff29c36000 - 0x7fff29c58fff com.apple.MobileKeyBag (2.0 - 1.0)
<1FCEE156-0810-3425-88FC-E7EA6B38ACA7> /System/Library/PrivateFrameworks/
MobileKeyBag.framework/Versions/A/MobileKeyBag
0x7fff29c59000 - 0x7fff29c69fff com.apple.AssertionServices (1.0 - 505.100.8)
<E691B254-0792-348B-BC13-2B1A490174C4> /System/Library/PrivateFrameworks/
AssertionServices.framework/Versions/A/AssertionServices

0x7fff29c6a000 - 0x7fff29cf5fff com.apple.securityfoundation (6.0 - 55240.40.4)
<AD930CCB-A3F5-3C2C-A2CD-9963A63560F5> /System/Library/Frameworks/
SecurityFoundation.framework/Versions/A/SecurityFoundation
0x7fff29cf6000 - 0x7fff29cfffff com.apple.coreservices.BackgroundTaskManagement (1.0 -
104) <4B88024D-62DB-3E5D-BCA2-076663214608> /System/Library/PrivateFrameworks/
BackgroundTaskManagement.framework/Versions/A/BackgroundTaskManagement
0x7fff29d00000 - 0x7fff29d04fff com.apple.xpc.ServiceManagement (1.0 - 1)
<7E760B22-944C-387A-903F-C9184CE788B9> /System/Library/Frameworks/
ServiceManagement.framework/Versions/A/ServiceManagement
0x7fff29d05000 - 0x7fff29d07fff libquarantine.dylib (119.40.2)
<4611645F-5817-3A80-8382-2DB03A8C0141> /usr/lib/system/libquarantine.dylib
0x7fff29d08000 - 0x7fff29d13fff libCheckFix.dylib (31) <33CE141E-48F5-3974-
BD63-1F63558BB452> /usr/lib/libCheckFix.dylib
0x7fff29d14000 - 0x7fff29d2bfff libcoretls.dylib (169.100.1) <68726723-2EA1-3007-89ED-
F66725A6AA7E> /usr/lib/libcoretls.dylib
0x7fff29d2c000 - 0x7fff29d3cfff libbsm.0.dylib (68.40.1) <77DF90DF-D5C2-3178-
AAA7-96FC6D9F2312> /usr/lib/libbsm.0.dylib
0x7fff29d3d000 - 0x7fff29d86fff libmecab.dylib (929.10) <48F1EC4F-7D85-347F-
B20C-7225AF2499A4> /usr/lib/libmecab.dylib
0x7fff29d87000 - 0x7fff29d8cfff libgermantok.dylib (24) <171A100F-C862-3CA2-
A308-5AA9EF24B690> /usr/lib/libgermantok.dylib
0x7fff29d8d000 - 0x7fff29da2fff libLinearAlgebra.dylib (1336.120.1) <09738E52-
FA24-3239-895D-F762C920F03C> /System/Library/Frameworks/Accelerate.framework/Versions/
A/Frameworks/vecLib.framework/Versions/A/libLinearAlgebra.dylib
0x7fff29da3000 - 0x7fff29fc1fff com.apple.MetalPerformanceShaders.MPSNeuralNetwork
(1.0 - 1) <C515FA90-1022-308E-A513-0EA9831FE712> /System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSNeuralNetwork.framework/
Versions/A/MPSNeuralNetwork
0x7fff29fc2000 - 0x7fff2a011fff com.apple.MetalPerformanceShaders.MPSRayIntersector
(1.0 - 1) <1C3D9332-2C1D-3B52-A679-35BC37A3E8F0> /System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSRayIntersector.framework/
Versions/A/MPSRayIntersector
0x7fff2a012000 - 0x7fff2a173fff com.apple.MLCompute (1.0 - 1)
<0B7ADB41-62BE-32EE-821A-BB7141DE8B42> /System/Library/Frameworks/
MLCompute.framework/Versions/A/MLCompute
0x7fff2a174000 - 0x7fff2a1aafff com.apple.MetalPerformanceShaders.MPSMatrix (1.0 - 1)
<D5B2AE4E-3973-35A5-9FF9-1C7C031B7125> /System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSMatrix.framework/Versions/A/
MPSMatrix
0x7fff2a1ab000 - 0x7fff2a201fff com.apple.MetalPerformanceShaders.MPSNDArray (1.0 - 1)
<0E99566D-A21A-304F-AF1A-A9530AED8A92> /System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSNDArray.framework/Versions/
A/MPSNDArray
0x7fff2a202000 - 0x7fff2a292fff com.apple.MetalPerformanceShaders.MPSImage (1.0 - 1)
<1C395A17-2F98-35A5-B768-F22A714100D0> /System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/Frameworks/MPSImage.framework/Versions/A/
MPSImage
0x7fff2a293000 - 0x7fff2a2a2fff com.apple.AppleFSCompression (125 - 1.0) <6BD3FF9C-
BCEE-3AB9-AC52-71A75D1C54AD> /System/Library/PrivateFrameworks/
AppleFSCompression.framework/Versions/A/AppleFSCompression
0x7fff2a2a3000 - 0x7fff2a2affff libbz2.1.0.dylib (44)
<CA69420A-25E7-344C-852F-808F09AD43D0> /usr/lib/libbz2.1.0.dylib
0x7fff2a2b0000 - 0x7fff2a2b4fff libsystem_coreservices.dylib (127.1) <1E2DA16B-
D528-3D43-86C2-2BB9127954A0> /usr/lib/system/libsystem_coreservices.dylib
0x7fff2a2b5000 - 0x7fff2a2e2fff com.apple.CoreServices.OSServices (1122.38 - 1122.38)
<D02BE0AC-0544-3D1F-9E79-37715E231214> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/OSServices.framework/Versions/A/OSServices
0x7fff2a2e3000 - 0x7fff2a412fff com.apple.AuthKit (1.0 - 1) <C35AA029-1F96-3F5F-B71C-
EF55E59F8F0D> /System/Library/PrivateFrameworks/AuthKit.framework/Versions/A/AuthKit

0x7fff2a413000 - 0x7fff2a441fff com.apple.UserNotifications (1.0 - 348.5)
<2B935838-63EE-3A80-AA91-3A62403108C5> /System/Library/Frameworks/
UserNotifications.framework/Versions/A/UserNotifications
0x7fff2a442000 - 0x7fff2a4b0fff com.apple.CoreSpotlight (1.0 - 2150.21)
<46EF3445-72CC-3ABF-9A3D-908B0996B21B> /System/Library/Frameworks/
CoreSpotlight.framework/Versions/A/CoreSpotlight
0x7fff2a4b1000 - 0x7fff2a4c3fff libz.1.dylib (76)
<C1E6CE87-167E-39EC-8B8F-2C3213A0208E> /usr/lib/libz.1.dylib
0x7fff2a4c4000 - 0x7fff2a50bfff libsystem_m.dylib (3186.100.3) <21949128-D4E6-3179-
B248-41B05C1CE102> /usr/lib/system/libsystem_m.dylib
0x7fff2a50c000 - 0x7fff2a50cfff libcharset.1.dylib (59)
<4B3453D8-277A-38D3-862D-28DF71F3E285> /usr/lib/libcharset.1.dylib
0x7fff2a50d000 - 0x7fff2a512fff libmacho.dylib (980) <3677B3B7-03E8-3804-
B2FE-5640B18FE40E> /usr/lib/system/libmacho.dylib
0x7fff2a513000 - 0x7fff2a52efff libkxld.dylib (7195.121.3) <A83BCE3F-35C1-34DD-B1C5-
B4FDFB33B250> /usr/lib/system/libkxld.dylib
0x7fff2a52f000 - 0x7fff2a53afff libcommonCrypto.dylib (60178.120.3) <BBA72D86-
B9C1-3123-AE59-D629DE278695> /usr/lib/system/libcommonCrypto.dylib
0x7fff2a53b000 - 0x7fff2a545fff libunwind.dylib (201)
<3149D79A-911B-39ED-9C93-6C7E6B0860C7> /usr/lib/system/libunwind.dylib
0x7fff2a546000 - 0x7fff2a54dfff liboah.dylib (203.46) <0A17EAFD-15E9-37FE-8EE2-
DE0F7F220AD8> /usr/lib/liboah.dylib
0x7fff2a54e000 - 0x7fff2a558fff libcopyfile.dylib (173.40.2) <7304CA0D-E93C-367F-9BEE-
AC56B873F06C> /usr/lib/system/libcopyfile.dylib
0x7fff2a559000 - 0x7fff2a560fff libcompiler_rt.dylib (102.2) <0DB1902E-C79C-3E26-BE51-
F70960ECF0B9> /usr/lib/system/libcompiler_rt.dylib
0x7fff2a561000 - 0x7fff2a563fff libsystem_collections.dylib (1439.100.3)
<E180C04A-9CFB-3C8E-9C2B-978D23A99F2A> /usr/lib/system/libsystem_collections.dylib
0x7fff2a564000 - 0x7fff2a566fff libsystem_secinit.dylib (87.60.1) <8C33D323-
C11C-34CB-9295-4D7C98B8AFD6> /usr/lib/system/libsystem_secinit.dylib
0x7fff2a567000 - 0x7fff2a569fff libremovefile.dylib (49.120.1) <6DEAEEC9-2A65-3C7B-
A9CE-23245772FD07> /usr/lib/system/libremovefile.dylib
0x7fff2a56a000 - 0x7fff2a56afff libkeymgr.dylib (31) <FD167835-3829-3FFD-B13E-
D18113E271AB> /usr/lib/system/libkeymgr.dylib
0x7fff2a56b000 - 0x7fff2a572fff libsystem_dnssd.dylib (1310.120.71) <7BB607FE-
EF79-3144-8BD0-A66792FF1443> /usr/lib/system/libsystem_dnssd.dylib
0x7fff2a573000 - 0x7fff2a578fff libcache.dylib (83)
<8B201058-2C34-3C12-9A7A-898CB0AAD150> /usr/lib/system/libcache.dylib
0x7fff2a579000 - 0x7fff2a57afff libSystem.B.dylib (1292.120.1) <A8309074-31CC-31F0-
A143-81DF019F7A86> /usr/lib/libSystem.B.dylib
0x7fff2a57b000 - 0x7fff2a57efff libfakelink.dylib (3) <CF7D19AF-
D162-369D-9501-0BEAC4D1188E> /usr/lib/libfakelink.dylib
0x7fff2a57f000 - 0x7fff2a57ffff com.apple.SoftLinking (1.0 - 1) <6C04D3E0-BFE0-32E2-
A098-46D726F9B429> /System/Library/PrivateFrameworks/SoftLinking.framework/Versions/A/
SoftLinking
0x7fff2a580000 - 0x7fff2a5b7fff libpcap.A.dylib (98.100.3) <87B9769E-D88E-37F9-BB83-
B327527AE79C> /usr/lib/libpcap.A.dylib
0x7fff2a5b8000 - 0x7fff2a6a8fff libiconv.2.dylib (59) <B9FD3BC7-6001-3E60-A7FB-
CE8AAE07C805> /usr/lib/libiconv.2.dylib
0x7fff2a6a9000 - 0x7fff2a6bafff libcmph.dylib (8)
<AE1C3A87-5C44-3833-9DE1-31062A878138> /usr/lib/libcmph.dylib
0x7fff2a6bb000 - 0x7fff2a72cfff libarchive.2.dylib (83.100.2) <5DF98631-FBAC-3F17-
B4D1-0115CE6C009B> /usr/lib/libarchive.2.dylib
0x7fff2a72d000 - 0x7fff2a794fff com.apple.SearchKit (1.4.1 - 1.4.1)
<FBAB58C4-1B62-39E8-9241-93966CC2C9C0> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/Versions/A/SearchKit
0x7fff2a795000 - 0x7fff2a796fff libThaiTokenizer.dylib (3) <1D735582-F932-3279-9F47-
D10EAD1CA9A2> /usr/lib/libThaiTokenizer.dylib

0x7fff2a797000 - 0x7fff2a7b9fff com.apple.applesauce (1.0 - 16.28)
<F07DA929-24FA-36D3-A356-05C9565AC397> /System/Library/PrivateFrameworks/
AppleSauce.framework/Versions/A/AppleSauce
0x7fff2a7ba000 - 0x7fff2a7d1fff libapple_nghttp2.dylib (1.41) <303C40AC-4212-3B20-
ABF6-91F46A79B78B> /usr/lib/libapple_nghttp2.dylib
0x7fff2a7d2000 - 0x7fff2a7e8fff libSparseBLAS.dylib (1336.120.1) <3C4D290C-13A4-3A3D-
B7C9-3BA0A4C9C7A5> /System/Library/Frameworks/Accelerate.framework/Versions/A/
Frameworks/vecLib.framework/Versions/A/libSparseBLAS.dylib
0x7fff2a7e9000 - 0x7fff2a7eafff
com.apple.MetalPerformanceShaders.MetalPerformanceShaders (1.0 - 1)
<9D78B798-7218-3327-8E50-CF321EDB22B1> /System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/MetalPerformanceShaders
0x7fff2a7eb000 - 0x7fff2a7effff libpam.2.dylib (28.40.1) <A04A5DD4-34DE-3BFB-BB17-
BD66F7FBA1B6> /usr/lib/libpam.2.dylib
0x7fff2a7f0000 - 0x7fff2a80ffff libcompression.dylib (96.120.1)
<591F0E34-3C41-3D94-98BA-9BB50E608787> /usr/lib/libcompression.dylib
0x7fff2a810000 - 0x7fff2a815fff libQuadrature.dylib (7) <FD523210-15BE-3EE7-
B2E2-892A7E198542> /System/Library/Frameworks/Accelerate.framework/Versions/A/
Frameworks/vecLib.framework/Versions/A/libQuadrature.dylib
0x7fff2a816000 - 0x7fff2abb3fff libLAPACK.dylib (1336.120.1) <3F036666-341C-3570-8136-
CDF170C02DE7> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libLAPACK.dylib
0x7fff2abb4000 - 0x7fff2ac03fff com.apple.DictionaryServices (1.2 - 341)
<3EC1918E-0345-3EC6-BAE0-04B94A0B6809> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/DictionaryServices.framework/Versions/A/
DictionaryServices
0x7fff2ac04000 - 0x7fff2ac1cfff liblzma.5.dylib (16) <10B7343A-0322-3A1F-
B6AE-06FC709F1BDE> /usr/lib/liblzma.5.dylib
0x7fff2ac1d000 - 0x7fff2ac1efff libcoretls_cfhelpers.dylib (169.100.1) <BACFE067-
CAAB-3906-AAE5-A5E78CD22C6D> /usr/lib/libcoretls_cfhelpers.dylib
0x7fff2ac1f000 - 0x7fff2ad1afff com.apple.APFS (1677.120.9 - 1677.120.9) <599AAB82-
F105-3ACC-BBFA-2D3D276A312C> /System/Library/PrivateFrameworks/APFS.framework/
Versions/A/APFS
0x7fff2ad1b000 - 0x7fff2ad28fff libxar.1.dylib (452)
<C5B63994-6F92-395D-9431-1574D6E1D89F> /usr/lib/libxar.1.dylib
0x7fff2ad29000 - 0x7fff2ad2cfff libutil.dylib (58.40.2) <4D8FD41B-89A5-31DA-
BB0E-7F13C3B1652F> /usr/lib/libutil.dylib
0x7fff2ad2d000 - 0x7fff2ad55fff libxslt.1.dylib (17.4) <CADFABB2-F66B-39FF-
B43A-17315815F664> /usr/lib/libxslt.1.dylib
0x7fff2ad56000 - 0x7fff2ad60fff libChineseTokenizer.dylib (37.1) <44E1A716-
E405-3E54-874F-C5011146B318> /usr/lib/libChineseTokenizer.dylib
0x7fff2ad61000 - 0x7fff2ae1efff libvMisc.dylib (760.100.3) <E92C2BF3-02A5-31D1-
BF6A-56BBA624CA90> /System/Library/Frameworks/Accelerate.framework/Versions/A/
Frameworks/vecLib.framework/Versions/A/libvMisc.dylib
0x7fff2ae1f000 - 0x7fff2aeb6fff libate.dylib (3.0.6) <C73DF462-D92F-366F-ADBE-
B140698DEBAF> /usr/lib/libate.dylib
0x7fff2aeb7000 - 0x7fff2aebffff libIOReport.dylib (64.100.1)
<E7BCECCB-2F51-3A07-9C56-4EF4AFD59C80> /usr/lib/libIOReport.dylib
0x7fff2aebf000 - 0x7fff2aed2fff com.apple.CrashReporterSupport (10.13 - 15053)
<14AF971D-F684-32BD-8BB6-BE9C4A01DDA5> /System/Library/PrivateFrameworks/
CrashReporterSupport.framework/Versions/A/CrashReporterSupport
0x7fff2aeaa000 - 0x7fff2af67fff com.apple.CVNLP (1.0 - 119) <6C2411EA-C79C-3C9B-
BEF2-77EB43D0D746> /System/Library/PrivateFrameworks/CVNLP.framework/Versions/A/
CVNLP
0x7fff2af89000 - 0x7fff2afbffff com.apple.pluginkit.framework (1.0 - 1)
<3ED3DACF-9CDA-30F0-8AF6-C44C6EEEC77B> /System/Library/PrivateFrameworks/
PlugInKit.framework/Versions/A/PlugInKit
0x7fff2afc0000 - 0x7fff2afc7fff libMatch.1.dylib (38) <121C98B5-D188-3E02-890D-
F4F2CD91D2F2> /usr/lib/libMatch.1.dylib

0x7fff2afc8000 - 0x7fff2b053fff libCoreStorage.dylib (554) <3888A24D-7E72-3B58-A252-85373AFF3CE4> /usr/lib/libCoreStorage.dylib
0x7fff2b054000 - 0x7fff2b0a7fff com.apple.AppleVAFramework (6.1.3 - 6.1.3) <D39DBE46-4BEB-316F-BAFA-8E2B03BED772> /System/Library/PrivateFrameworks/AppleVA.framework/Versions/A/AppleVA
0x7fff2b0a8000 - 0x7fff2b0c0fff libexpat.1.dylib (26) <C0213844-67CA-38E7-A586-456A645E0BD0> /usr/lib/libexpat.1.dylib
0x7fff2b0c1000 - 0x7fff2b0cafff libheimdal-asn1.dylib (597.121.1) <493CC99B-8939-3F7E-852C-9AB59B0DDC11> /usr/lib/libheimdal-asn1.dylib
0x7fff2b0cb000 - 0x7fff2b0dffff com.apple.IconFoundation (479.4 - 479.4) <C0C5765F-6A1F-3D89-9AEE-5D49520CAAFD> /System/Library/PrivateFrameworks/IconFoundation.framework/Versions/A/IconFoundation
0x7fff2b0e0000 - 0x7fff2b14cfff com.apple.IconServices (479.4 - 479.4) <8D31CC1A-C609-30EC-BCC3-251F7E4CDC10> /System/Library/PrivateFrameworks/IconServices.framework/Versions/A/IconServices
0x7fff2b14d000 - 0x7fff2b1ebfff com.apple.MediaExperience (1.0 - 1) <29CF7489-BA27-3789-95A2-F94CC6F09E7A> /System/Library/PrivateFrameworks/MediaExperience.framework/Versions/A/MediaExperience
0x7fff2b1ec000 - 0x7fff2b214fff com.apple.persistentconnection (1.0 - 1.0) <5E4A9EC5-2E54-3EFF-A330-52C0D42B26AA> /System/Library/PrivateFrameworks/PersistentConnection.framework/Versions/A/PersistentConnection
0x7fff2b215000 - 0x7fff2b223fff com.apple.GraphVisualizer (1.0 - 100.1) <FFB7E9D0-F1D6-38E9-8BAD-759C3BFEE379> /System/Library/PrivateFrameworks/GraphVisualizer.framework/Versions/A/GraphVisualizer
0x7fff2b224000 - 0x7fff2b63ffff com.apple.vision.FaceCore (4.3.2 - 4.3.2) <5A226A22-20F0-3196-915F-5DF94E1B3070> /System/Library/PrivateFrameworks/FaceCore.framework/Versions/A/FaceCore
0x7fff2b640000 - 0x7fff2b687fff com.apple.OTSVG (1.0 - 677.5.0.5) <2E8C5AAB-E14B-3FC4-8872-332690419934> /System/Library/PrivateFrameworks/OTSVG.framework/Versions/A/OTSVG
0x7fff2b688000 - 0x7fff2b68efff com.apple.xpc.AppServerSupport (1.0 - 2038.120.1) <256FB87D-3DD1-3B42-B095-B2E5FC3A755B> /System/Library/PrivateFrameworks/AppServerSupport.framework/Versions/A/AppServerSupport
0x7fff2b68f000 - 0x7fff2b6a1fff libhvf.dylib (1.0 - \${CURRENT_PROJECT_VERSION}) <C97DAB60-EA72-3822-A5F7-AF29C05DC1DD> /System/Library/PrivateFrameworks/FontServices.framework/libhvf.dylib
0x7fff2b6a2000 - 0x7fff2b6a4fff libspindump.dylib (295.2) <63167B4A-D7D5-3146-86B6-988FC0AD4F14> /usr/lib/libspindump.dylib
0x7fff2b6a5000 - 0x7fff2b765fff com.apple.Heimdal (4.0 - 2.0) <B7D2D628-4503-3229-BFB4-FF60066104C1> /System/Library/PrivateFrameworks/Heimdal.framework/Versions/A/Heimdal
0x7fff2b766000 - 0x7fff2b780fff com.apple.login (3.0 - 3.0) <5D551803-8EF3-3F1F-9329-B35D3E017D25> /System/Library/PrivateFrameworks/login.framework/Versions/A/login
0x7fff2b781000 - 0x7fff2b858fff com.apple.corebrightness (1.0 - 1) <9C50B8D6-68C1-3289-8E72-818908DBECCB> /System/Library/PrivateFrameworks/CoreBrightness.framework/Versions/A/CoreBrightness
0x7fff2b901000 - 0x7fff2b904fff libodfde.dylib (26) <6EC89072-8E30-3612-836B-CA890926AAA9> /usr/lib/libodfde.dylib
0x7fff2b905000 - 0x7fff2b941fff com.apple.bom (14.0 - 235) <B6D5DB5C-7E5B-3D1A-993B-06EDA9728BD9> /System/Library/PrivateFrameworks/Bom.framework/Versions/A/Bom
0x7fff2b942000 - 0x7fff2b98bfff com.apple.AppleJPEG (1.0 - 1) <BE3058DB-0D49-3331-87A7-36D4651F143B> /System/Library/PrivateFrameworks/AppleJPEG.framework/Versions/A/AppleJPEG
0x7fff2b98c000 - 0x7fff2ba6bfff libJP2.dylib (2130.5.4) <E1F1DA3E-2EC4-3AC9-8171-E4777A9F5DBD> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJP2.dylib
0x7fff2ba6c000 - 0x7fff2ba6ffff com.apple.WatchdogClient.framework (1.0 - 98.120.2) <DE7F64ED-82D2-325D-A031-0E805D52514C> /System/Library/PrivateFrameworks/WatchdogClient.framework/Versions/A/WatchdogClient

0x7fff2ba70000 - 0x7fff2baa6fff com.apple.MultitouchSupport.framework (4440.3 - 4440.3)
<C22A0497-19D3-3365-8F59-9190C510F4BE> /System/Library/PrivateFrameworks/
MultitouchSupport.framework/Versions/A/MultitouchSupport
0x7fff2baa7000 - 0x7fff2bc05fff com.apple.VideoToolbox (1.0 - 2775.22) <88A013B6-
FAB1-3BF9-A5C0-A92D8951E9E3> /System/Library/Frameworks/VideoToolbox.framework/
Versions/A/VideoToolbox
0x7fff2bc06000 - 0x7fff2bc39fff libAudioToolboxUtility.dylib (1181.68) <2AF3BF70-
DCEC-3884-A75A-DDEF1F304964> /usr/lib/libAudioToolboxUtility.dylib
0x7fff2bc3a000 - 0x7fff2bc60fff libPng.dylib (2130.5.4) <3D6AEF53-5D8E-3F8B-
B80E-71D848BFD35F> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/
libPng.dylib
0x7fff2bc61000 - 0x7fff2bcc0fff libTIFF.dylib (2130.5.4) <F4B52A0F-2EF6-30BE-9870-
CD2E8B5C3318> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/
libTIFF.dylib
0x7fff2bcc1000 - 0x7fff2bccdfff com.apple.IOPresentment (58 - 37) <994E2AE6-
D25E-32D5-9ABA-5A1979A659FE> /System/Library/PrivateFrameworks/
IOPresentment.framework/Versions/A/IOPresentment
0x7fff2bcde000 - 0x7fff2bce5fff com.apple.GPUWrangler (6.3.3 - 6.3.3) <768299B7-
C4B5-307D-A413-52DA0C269A9D> /System/Library/PrivateFrameworks/
GPUWrangler.framework/Versions/A/GPUWrangler
0x7fff2bce6000 - 0x7fff2bce9fff libRadiance.dylib (2130.5.4) <5C83C72F-9F7B-341D-ADD7-
DA12A728C9EA> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/
libRadiance.dylib
0x7fff2bcea000 - 0x7fff2bceffff com.apple.DSEExternalDisplay (3.1 - 380)
<AA11B104-262F-33B2-8564-EF47D24AC2B6> /System/Library/PrivateFrameworks/
DSEExternalDisplay.framework/Versions/A/DSEExternalDisplay
0x7fff2bcf0000 - 0x7fff2bd14fff libJPEG.dylib (2130.5.4) <70213D93-137E-39CE-82C9-
BC238226AC05> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/
libJPEG.dylib
0x7fff2bd15000 - 0x7fff2bd44fff com.apple.ATSUI (1.0 - 1)
<63C289D7-9FD8-370D-9DFB-9C2B50E7978A> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/ATSUI.framework/Versions/A/ATSUI
0x7fff2bd45000 - 0x7fff2bd49fff libGIF.dylib (2130.5.4) <961F6A97-AF22-3A45-BDCF-
A425C23CA01A> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/
libGIF.dylib
0x7fff2bd4a000 - 0x7fff2bd53fff com.apple.CMCaptureCore (1.0 - 82.6)
<694884AA-070C-3EE5-B86C-F09ABB93A7D7> /System/Library/PrivateFrameworks/
CMCaptureCore.framework/Versions/A/CMCaptureCore
0x7fff2bd54000 - 0x7fff2bd9bfff com.apple.print.framework.PrintCore (16.1 - 531.1)
<9D0760A9-DAE8-3BB5-AE31-4D945BA39D48> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/PrintCore.framework/Versions/A/
PrintCore
0x7fff2bd9c000 - 0x7fff2be69fff com.apple.TextureIO (3.10.9 - 3.10.9)
<B68C877B-2BE2-3338-AACA-52DDD955017A> /System/Library/PrivateFrameworks/
TextureIO.framework/Versions/A/TextureIO
0x7fff2be6a000 - 0x7fff2be72fff com.apple.InternationalSupport (1.0 - 61.1) <0C4AFFAF-
D59F-3B3E-A433-CE03BDE567A8> /System/Library/PrivateFrameworks/
InternationalSupport.framework/Versions/A/InternationalSupport
0x7fff2be73000 - 0x7fff2beedfff com.apple.datadetectorscore (8.0 - 674) <2FC62BC9-
F63C-30DB-BFEE-3CB8399D7F18> /System/Library/PrivateFrameworks/
DataDetectorsCore.framework/Versions/A/DataDetectorsCore
0x7fff2beee000 - 0x7fff2bf4bfff com.apple.UserActivity (439 - 439) <2C4D4B39-
FA93-3ED5-8417-ACBE6C39BB92> /System/Library/PrivateFrameworks/UserActivity.framework/
Versions/A/UserActivity
0x7fff2bf4c000 - 0x7fff2c6e6fff com.apple.MediaToolbox (1.0 - 2775.22)
<F5CC3EEC-294B-3B88-BEF1-63BEF846EFF0> /System/Library/Frameworks/
MediaToolbox.framework/Versions/A/MediaToolbox
0x7fff2cb27000 - 0x7fff2cb8dfff com.apple.imfoundation (10.0 - 1000)
<340BD2E2-35E1-3C52-B41D-708DD38554AF> /System/Library/PrivateFrameworks/
IMFoundation.framework/Versions/A/IMFoundation

0x7fff2cb8e000 - 0x7fff2cbb6fff com.apple.locationsupport (2420.19.23 - 2420.19.23)
<E303FCD8-5B5D-3367-B7B3-144FA7002E24> /System/Library/PrivateFrameworks/
LocationSupport.framework/Versions/A/LocationSupport
0x7fff2cbb7000 - 0x7fff2cbe8fff libSessionUtility.dylib (76.69) <143B9D4F-FDB1-3366-
A20C-4B09A05FE862> /System/Library/PrivateFrameworks/AudioSession.framework/
libSessionUtility.dylib
0x7fff2cbe9000 - 0x7fff2cd1dfff com.apple.audio.toolbox.AudioToolbox (1.14 - 1.14)
<1ABFDEA2-FB20-3E05-B4CC-84A2A796D089> /System/Library/Frameworks/
AudioToolbox.framework/Versions/A/AudioToolbox
0x7fff2cd1e000 - 0x7fff2cd83fff com.apple.audio.AudioSession (1.0 - 76.69) <8D52DAFF-
EBE7-3631-A645-E5CD509591A0> /System/Library/PrivateFrameworks/
AudioSession.framework/Versions/A/AudioSession
0x7fff2cd84000 - 0x7fff2cd96fff libAudioStatistics.dylib (27.64) <0EF059FC-
B386-3595-8BB5-57F0CADAA75F> /usr/lib/libAudioStatistics.dylib
0x7fff2cd97000 - 0x7fff2cda6fff com.apple.speech.synthesis.framework (9.0.65 - 9.0.65)
<4E88057A-948F-335D-9675-AAEC73F7DE6A> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/SpeechSynthesis.framework/Versions/A/
SpeechSynthesis
0x7fff2cda7000 - 0x7fff2ce13fff com.apple.ApplicationServices.ATS (377 - 516)
<9DFEBC18-3BA6-3588-A5C5-6D974DF284A2> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/ATS
0x7fff2ce14000 - 0x7fff2ce2cfff libresolv.9.dylib (68) <0E0E7298-2781-3D72-
B40F-5FF7DE7DF068> /usr/lib/libresolv.9.dylib
0x7fff2ce2d000 - 0x7fff2ce40fff libsasl2.2.dylib (214) <8A235B0C-CE89-3C11-8329-
AF081227BB92> /usr/lib/libsasl2.2.dylib
0x7fff2cead000 - 0x7fff2cee0fff com.apple.securityinterface (10.0 - 55149.120.1)
<B4F51F9A-47E0-31D1-852D-82C65F8EFEBF> /System/Library/Frameworks/
SecurityInterface.framework/Versions/A/SecurityInterface
0x7fff2cefa000 - 0x7fff2cf5efff com.apple.CoreMediaIO (1000.0 - 5325) <BD292385-
E0B4-3BB9-9D4A-894C4AC6560B> /System/Library/Frameworks/CoreMediaIO.framework/
Versions/A/CoreMediaIO
0x7fff2cf5f000 - 0x7fff2d03efff libSMC.dylib (20) <7B4581C7-3E3F-33F7-AC74-
BFC57A2991C4> /usr/lib/libSMC.dylib
0x7fff2d03f000 - 0x7fff2d09efff libcups.2.dylib (494.1)
<C96214CD-19F2-334A-95A0-25BA714D984A> /usr/lib/libcups.2.dylib
0x7fff2d09f000 - 0x7fff2d0aefff com.apple.LangAnalysis (1.7.0 - 254) <C53922F5-
BD54-3594-9DCF-DF6D0379B40D> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/LangAnalysis.framework/Versions/A/
LangAnalysis
0x7fff2d0af000 - 0x7fff2d0b9fff com.apple.NetAuth (6.2 - 6.2) <32C039EF-D063-3F2B-
B4AC-3103593A7D4E> /System/Library/PrivateFrameworks/NetAuth.framework/Versions/A/
NetAuth
0x7fff2d0ba000 - 0x7fff2d0c1fff com.apple.ColorSyncLegacy (4.13.0 - 1)
<6B94034B-8D84-3700-96D3-7A3208231BE9> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/ColorSyncLegacy.framework/Versions/A/
ColorSyncLegacy
0x7fff2d0c2000 - 0x7fff2d0cdfff com.apple.QD (4.0 - 416) <AA06F3E8-FC88-3501-B05C-
F2D0C4F56272> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/
Frameworks/QD.framework/Versions/A/QD
0x7fff2d0ce000 - 0x7fff2d722fff com.apple.audio.AudioResourceArbitration (1.0 - 1)
<21EB0A40-BA39-3423-AA4F-2E2A771157C1> /System/Library/PrivateFrameworks/
AudioResourceArbitration.framework/Versions/A/AudioResourceArbitration
0x7fff2d723000 - 0x7fff2d72efff com.apple.perfdata (1.0 - 67.40.1)
<9D1542E2-52D5-3372-8F2B-B71E27E8050B> /System/Library/PrivateFrameworks/
perfdata.framework/Versions/A/perfdata
0x7fff2d72f000 - 0x7fff2d73dfff libperfcheck.dylib (41) <AE0793DA-378F-343E-82AC-
EEFB0FF1818> /usr/lib/libperfcheck.dylib
0x7fff2d73e000 - 0x7fff2d74dfff com.apple.Kerberos (3.0 - 1)
<6D0BA11B-3659-36F0-983E-5D0E51B25912> /System/Library/Frameworks/
Kerberos.framework/Versions/A/Kerberos

0x7fff2d74e000 - 0x7fff2d79efff com.apple.GSS (4.0 - 2.0) <398B2978-DB62-3D24-A5DA-36599C401D7F> /System/Library/Frameworks/GSS.framework/Versions/A/GSS
0x7fff2d79f000 - 0x7fff2d7affff com.apple.CommonAuth (4.0 - 2.0)
<A48CDBF5-8251-35AF-90F8-6FD9D64DA2D8> /System/Library/PrivateFrameworks/
CommonAuth.framework/Versions/A/CommonAuth
0x7fff2d7b0000 - 0x7fff2d7d7fff com.apple.MobileAssets (1.0 - 659.100.21)
<4D326D1D-8AF7-3D30-841A-E7D0E549B146> /System/Library/PrivateFrameworks/
MobileAsset.framework/Versions/A/MobileAsset
0x7fff2d7d8000 - 0x7fff2d804fff com.apple.CacheDelete (1.0 - 1) <A7B332F7-192D-3BD6-AAC1-94738EBC4E69> /System/Library/PrivateFrameworks/CacheDelete.framework/Versions/A/
CacheDelete
0x7fff2d805000 - 0x7fff2d824fff com.apple.security.KeychainCircle.KeychainCircle (1.0 - 1)
<8493160A-57F2-37E2-8482-FE1619630B59> /System/Library/PrivateFrameworks/
KeychainCircle.framework/Versions/A/KeychainCircle
0x7fff2d825000 - 0x7fff2d82dfff com.apple.CorePhoneNumbers (1.0 - 1)
<514729CE-5C41-3B60-888B-C7267C51B11F> /System/Library/PrivateFrameworks/
CorePhoneNumbers.framework/Versions/A/CorePhoneNumbers
0x7fff2d82e000 - 0x7fff2d8b7fff libTelephonyUtilDynamic.dylib (5359.1) <7DA1E30C-A458-31FA-842D-873FDE65FEF9> /usr/lib/libTelephonyUtilDynamic.dylib
0x7fff2d980000 - 0x7fff2d980fff liblaunch.dylib (2038.120.1) <FB6430FC-AACB-3AFF-8763-4C5AFABEF40E> /usr/lib/system/liblaunch.dylib
0x7fff2df05000 - 0x7fff2e006fff com.apple.ids (10.0 - 1000)
<D603E099-0762-3528-8862-371F7F53BC8F> /System/Library/PrivateFrameworks/
IDS.framework/Versions/A/IDS
0x7fff2e007000 - 0x7fff2e161fff com.apple.idsfoundation (10.0 - 1000)
<1ECCE9AC-1672-3D62-945A-4FF0C09456D2> /System/Library/PrivateFrameworks/
IDSFoundation.framework/Versions/A/IDSFoundation
0x7fff2e162000 - 0x7fff2e2adfff com.apple.Sharing (1622.1 - 1622.1)
<B931F6D8-4831-34ED-A909-BEB824ADF533> /System/Library/PrivateFrameworks/
Sharing.framework/Versions/A/Sharing
0x7fff2e2ae000 - 0x7fff2e3cffff com.apple.Bluetooth (8.0.5 - 8.0.5d7)
<7630620F-575C-37A6-ACAA-3B9443127E88> /System/Library/Frameworks/
IOBluetooth.framework/Versions/A/IOBluetooth
0x7fff2e3d0000 - 0x7fff2e3e4fff com.apple.AppContainer (4.0 - 509.100.12)
<0D3133C7-0C56-39D4-BD54-4A7743972104> /System/Library/PrivateFrameworks/
AppContainer.framework/Versions/A/AppContainer
0x7fff2e3e5000 - 0x7fff2e3e8fff com.apple.SecCodeWrapper (4.0 - 509.100.12)
<449D4D97-297F-3A45-AC1A-EA05E67B3337> /System/Library/PrivateFrameworks/
SecCodeWrapper.framework/Versions/A/SecCodeWrapper
0x7fff2e3e9000 - 0x7fff2e442fff com.apple.ProtectedCloudStorage (1.0 - 1)
<56DAAA40-66D4-3551-B196-B39604874CAA> /System/Library/PrivateFrameworks/
ProtectedCloudStorage.framework/Versions/A/ProtectedCloudStorage
0x7fff2e443000 - 0x7fff2e4a2fff com.apple.QuickLookFramework (5.0 - 928.3) <25339711-C495-35F7-B3C4-9DF7C727E2C5> /System/Library/Frameworks/QuickLook.framework/
Versions/A/QuickLook
0x7fff2e4a3000 - 0x7fff2e4befff com.apple.MetalKit (147.1 - 147.1) <0CDAEB1F-E05B-332B-A7D8-2F3F66DFFE06> /System/Library/Frameworks/MetalKit.framework/Versions/A/
MetalKit
0x7fff2e6a2000 - 0x7fff2fb95fff com.apple.GeoServices (1.0 - 1757.25.3.15.4) <4507DDFE-EFF6-324D-A2BE-7D3FC044C58F> /System/Library/PrivateFrameworks/
GeoServices.framework/Versions/A/GeoServices
0x7fff2fb96000 - 0x7fff2fba1fff com.apple.DirectoryService.Framework (11.4 - 230.40.1)
<084E95B9-873E-3AF5-9A26-32D8AF6F9638> /System/Library/Frameworks/
DirectoryService.framework/Versions/A/DirectoryService
0x7fff2fba2000 - 0x7fff2fbc9fff com.apple.RemoteViewServices (2.0 - 163)
<2D91746F-1F8B-3D03-BED1-C1BD7FA14453> /System/Library/PrivateFrameworks/
RemoteViewServices.framework/Versions/A/RemoteViewServices
0x7fff2fbca000 - 0x7fff2fbd9fff com.apple.SpeechRecognitionCore (6.1.24 - 6.1.24)
<4FD3C300-7679-3E30-BC40-5DC933BC287E> /System/Library/PrivateFrameworks/
SpeechRecognitionCore.framework/Versions/A/SpeechRecognitionCore

0x7fff2fbda000 - 0x7fff2fbe1fff com.apple.speech.recognition.framework (6.0.3 - 6.0.3)
<F2C2E4FC-0EE0-38CC-AC0F-8F412A2859EE> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/Versions/A/
SpeechRecognition
0x7fff2fbe2000 - 0x7fff2fbf2fff com.apple.AppleLDAP (11.4 - 54) <D80982B8-
DC49-362E-9698-E9BB26B1386F> /System/Library/PrivateFrameworks/AppleLDAP.framework/
Versions/A/AppleLDAP
0x7fff2fe0f000 - 0x7fff2fe0ffff libsystem_product_info_filter.dylib (8.40.1)
<D5194AB1-61C4-3C8D-9E3C-C65702BAB859> /usr/lib/system/
libsystem_product_info_filter.dylib
0x7fff2fee7000 - 0x7fff2fee7fff com.apple.Accelerate.vecLib (3.11 - vecLib 3.11)
<E0B5CB04-F282-3BF0-8D14-BE6E3ED7C0A2> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/vecLib
0x7fff2ff0d000 - 0x7fff2ff0dfff com.apple.CoreServices (1122.38 - 1122.38)
<FEC6CD87-0909-3554-B8F5-CE65A5BB032C> /System/Library/Frameworks/
CoreServices.framework/Versions/A/CoreServices
0x7fff300c9000 - 0x7fff300c9fff com.apple.Accelerate (1.11 - Accelerate 1.11) <2BCB5475-
FDEF-379A-BB0E-B1A3AA7F5B83> /System/Library/Frameworks/Accelerate.framework/
Versions/A/Accelerate
0x7fff3010a000 - 0x7fff30115fff com.apple.MediaAccessibility (1.0 - 130)
<F8E31637-2B5F-3D89-94FA-BD4AF8A46BD6> /System/Library/Frameworks/
MediaAccessibility.framework/Versions/A/MediaAccessibility
0x7fff30116000 - 0x7fff30135fff com.apple.networking.AlgosScoreFramework (1.0 - 1)
<C14EC551-82CD-3A04-91F3-C35D48B5B583> /System/Library/PrivateFrameworks/
AlgosScoreFramework.framework/Versions/A/AlgosScoreFramework
0x7fff30136000 - 0x7fff3013afff com.apple.AppleSRP (5.0 - 1)
<F9D14131-8FEA-3BBF-902E-16754ABE537F> /System/Library/PrivateFrameworks/
AppleSRP.framework/Versions/A/AppleSRP
0x7fff3013b000 - 0x7fff30146fff com.apple.frameworks.CoreDaemon (1.3 - 1.3)
<36002664-194B-3D03-8EFC-94AA3857B08B> /System/Library/PrivateFrameworks/
CoreDaemon.framework/Versions/B/CoreDaemon
0x7fff30147000 - 0x7fff3017efff com.apple.framework.SystemAdministration (1.0 - 1.0)
<124F917C-5C51-3C78-B630-D14C54F56773> /System/Library/PrivateFrameworks/
SystemAdministration.framework/Versions/A/SystemAdministration
0x7fff3017f000 - 0x7fff30457fff com.apple.VN (4.2.6 - 4.2.6) <B3DC8AC5-C01F-384F-
BF1A-0F75634285A9> /System/Library/Frameworks/Vision.framework/Versions/A/Vision
0x7fff305b1000 - 0x7fff30634fff com.apple.AddressBook.ContactsFoundation (8.0 - 1151.2)
<38563D3D-A25A-3257-85E6-937C9856F80B> /System/Library/PrivateFrameworks/
ContactsFoundation.framework/Versions/A/ContactsFoundation
0x7fff30635000 - 0x7fff30677fff com.apple.contacts.ContactsPersistence (1.0 - 3497.5)
<DFCCDC5A-8B97-38A0-81FF-68D8A40E97E2> /System/Library/PrivateFrameworks/
ContactsPersistence.framework/Versions/A/ContactsPersistence
0x7fff30678000 - 0x7fff307aefff com.apple.AddressBook.core (1.0 - 2452.7)
<18AC3C96-6518-3E32-90D5-4B8F6F9E7557> /System/Library/PrivateFrameworks/
AddressBookCore.framework/Versions/A/AddressBookCore
0x7fff307af000 - 0x7fff308e3fff com.apple.contacts (1.0 - 3497.5) <716F2EAA-
C8D8-3679-903A-A053FF50FFA9> /System/Library/Frameworks/Contacts.framework/Versions/A/
Contacts
0x7fff308e4000 - 0x7fff308f1fff com.apple.PersonaKit (1.0 - 1) <23532380-F51B-30A1-
AF0E-9A2FFD534FD3> /System/Library/PrivateFrameworks/PersonaKit.framework/Versions/A/
PersonaKit
0x7fff3090b000 - 0x7fff30970fff com.apple.CoreBluetooth (1.0 - 1)
<AB95AA98-5CDC-3D4D-8478-C6595447837F> /System/Library/Frameworks/
CoreBluetooth.framework/Versions/A/CoreBluetooth
0x7fff30971000 - 0x7fff3097afff com.apple.SymptomDiagnosticReporter (1.0 - 79.120.1)
<99674A3B-7319-30F1-922E-D665D01794AF> /System/Library/PrivateFrameworks/
SymptomDiagnosticReporter.framework/Versions/A/SymptomDiagnosticReporter
0x7fff3097b000 - 0x7fff3098dfff com.apple.PowerLog (1.0 - 1)
<0C0F10A0-0079-3C88-8CBC-B052E6023ED4> /System/Library/PrivateFrameworks/
PowerLog.framework/Versions/A/PowerLog

0x7fff3098e000 - 0x7fff3099afff com.apple.AppleIDAuthSupport (1.0 - 1)
<079E30CC-40B7-3363-9A41-F9A0DE9ED742> /System/Library/PrivateFrameworks/
AppleIDAuthSupport.framework/Versions/A/AppleIDAuthSupport
0x7fff3099b000 - 0x7fff30a43fff com.apple.DiscRecording (9.0.3 - 9030.4.5)
<55DD9802-821D-35F6-B21B-C96371FE46B4> /System/Library/Frameworks/
DiscRecording.framework/Versions/A/DiscRecording
0x7fff30a44000 - 0x7fff30a77fff com.apple.MediaKit (16 - 927.40.2) <72F9BA2E-
AF51-3E05-8DE4-00377CC79609> /System/Library/PrivateFrameworks/MediaKit.framework/
Versions/A/MediaKit
0x7fff30a78000 - 0x7fff30b63fff com.apple.DiskManagement (14.0 - 1733.100.4)
<6EAC9935-9B5A-3758-92D4-9E13CF570D3A> /System/Library/PrivateFrameworks/
DiskManagement.framework/Versions/A/DiskManagement
0x7fff30b64000 - 0x7fff30f1efff com.apple.CoreAUC (326.2.0 - 326.2.0)
<A03BBBCB7-69FA-3E37-AD91-734771D91045> /System/Library/PrivateFrameworks/
CoreAUC.framework/Versions/A/CoreAUC
0x7fff30f1f000 - 0x7fff30f22fff com.apple.Mangrove (1.0 - 25)
<06E20B3A-83F6-36A3-96B8-9185D1B0A42D> /System/Library/PrivateFrameworks/
Mangrove.framework/Versions/A/Mangrove
0x7fff30f23000 - 0x7fff30f50fff com.apple.CoreAVCHD (6.1.0 - 6100.4.1)
<B7888146-5DE1-306C-8C9C-E98E763E3A4E> /System/Library/PrivateFrameworks/
CoreAVCHD.framework/Versions/A/CoreAVCHD
0x7fff30f51000 - 0x7fff310a0fff com.apple.FileProvider (348.8 - 348.8) <34DFD3C5-
B489-3A7A-9EC2-3A1E2970F74D> /System/Library/Frameworks/FileProvider.framework/
Versions/A/FileProvider
0x7fff310a1000 - 0x7fff310c3fff com.apple.GenerationalStorage (2.0 - 323)
<AF8A2D39-41B5-3229-B780-86622DB977FC> /System/Library/PrivateFrameworks/
GenerationalStorage.framework/Versions/A/GenerationalStorage
0x7fff31439000 - 0x7fff31507fff com.apple.CoreTelephony (113 - 8260)
<6002B10B-0B59-3BC0-B391-7576291865D4> /System/Library/Frameworks/
CoreTelephony.framework/Versions/A/CoreTelephony
0x7fff31508000 - 0x7fff31515fff com.apple.AppSandbox (4.0 - 509.100.12)
<9505CC08-5C6F-3A53-9641-77BE14255FD8> /System/Library/PrivateFrameworks/
AppSandbox.framework/Versions/A/AppSandbox
0x7fff3152c000 - 0x7fff316c0fff com.apple.AVFCore (1.0 - 2015.22.4.1)
<74A21338-3085-30C2-B847-115DE68E2C88> /System/Library/PrivateFrameworks/
AVFCore.framework/Versions/A/AVFCore
0x7fff316c1000 - 0x7fff31730fff com.apple.FrontBoardServices (703.16 - 703.16)
<2EC33C3E-5E19-39D0-A68B-49AEB793A51> /System/Library/PrivateFrameworks/
FrontBoardServices.framework/Versions/A/FrontBoardServices
0x7fff31731000 - 0x7fff3175afff com.apple.BoardServices (1.0 - 526)
<E3782FD7-8D04-3554-BEDF-EB5A95EFCB2F> /System/Library/PrivateFrameworks/
BoardServices.framework/Versions/A/BoardServices
0x7fff3175b000 - 0x7fff31786fff com.apple.contacts.vCard (1.0 - 3497.5) <5F24823D-
AAFF-3208-8CDD-A8DC81766B77> /System/Library/PrivateFrameworks/vCard.framework/
Versions/A/vCard
0x7fff3179c000 - 0x7fff317b7fff com.apple.ExtensionKit (19.4 - 19.4)
<4105ABB5-0569-3956-8B12-5B2B3F0B9FED> /System/Library/PrivateFrameworks/
ExtensionKit.framework/Versions/A/ExtensionKit
0x7fff317b8000 - 0x7fff317befff com.apple.ExtensionFoundation (19.4 - 19.4) <B41921B6-
F42C-3DFF-AAD6-E38CFD4489C0> /System/Library/PrivateFrameworks/
ExtensionFoundation.framework/Versions/A/ExtensionFoundation
0x7fff317bf000 - 0x7fff31804fff com.apple.CryptoTokenKit (1.0 - 1) <E02C6EA3-
A802-38A4-80A7-774B2DA3DB86> /System/Library/Frameworks/CryptoTokenKit.framework/
Versions/A/CryptoTokenKit
0x7fff31805000 - 0x7fff3181bfff com.apple.LocalAuthentication (1.0 - 827.120.2)
<E618BEAF-CF4A-3D96-8495-412844D2023A> /System/Library/Frameworks/
LocalAuthentication.framework/Versions/A/LocalAuthentication
0x7fff3181c000 - 0x7fff31849fff 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

0x7fff318be000 - 0x7fff318fffff com.apple.CoreHaptics (1.0 - 1) <481EFBF3-57BA-3C79-B48A-271E5FCFC0F4> /System/Library/Frameworks/CoreHaptics.framework/Versions/A/CoreHaptics

0x7fff3190d000 - 0x7fff3194cfff com.apple.AppleVPAFramework (3.26.1 - 3.26.1) <32F14A37-1FAB-3216-B3FD-D1FA9E4790DC> /System/Library/PrivateFrameworks/AppleVPA.framework/Versions/A/AppleVPA

0x7fff319ff000 - 0x7fff31a3afff com.apple.DebugSymbols (195.1 - 195.1) <A8313A86-04C7-37DC-A5D7-FF54EE39BC70> /System/Library/PrivateFrameworks/DebugSymbols.framework/Versions/A/DebugSymbols

0x7fff31a3b000 - 0x7fff31af0fff com.apple.CoreSymbolication (12.5 - 64544.69.1) <8D4E5AA8-8C09-31A7-AABE-AA9421781821> /System/Library/PrivateFrameworks/CoreSymbolication.framework/Versions/A/CoreSymbolication

0x7fff31af1000 - 0x7fff31afafff com.apple.CoreTime (284.0.4) <A9351B53-5048-39AD-BC68-170474CAB8CB> /System/Library/PrivateFrameworks/CoreTime.framework/Versions/A/CoreTime

0x7fff31afb000 - 0x7fff31b70fff com.apple.Rapport (2.5.0 - 250.5) <BF029957-E942-3D6C-8BC6-65A495DF8930> /System/Library/PrivateFrameworks/Rapport.framework/Versions/A/Rapport

0x7fff32429000 - 0x7fff32475fff com.apple.coreduetcontext (1.0 - 1) <4787141A-0DFB-3198-91F8-ECEACD6E48A8> /System/Library/PrivateFrameworks/CoreDuetContext.framework/Versions/A/CoreDuetContext

0x7fff32476000 - 0x7fff329e2fff com.apple.Intents (1.0 - 1) <D94DC04B-C226-3471-987C-098B6177A978> /System/Library/Frameworks/Intents.framework/Versions/A/Intents

0x7fff329e3000 - 0x7fff32a46fff com.apple.framework.Apple80211 (17.0 - 1728) <6C1C9532-AD79-3E68-BFBB-2279AC8EA776> /System/Library/PrivateFrameworks/Apple80211.framework/Versions/A/Apple80211

0x7fff32a47000 - 0x7fff32b98fff com.apple.CoreWiFi (3.0 - 341) <E1A3027C-0657-3609-8F5C-D89BF6B4B422> /System/Library/PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi

0x7fff32b99000 - 0x7fff32bb3fff com.apple.BackBoardServices (1.0 - 1.0) <9CDA42E0-5F41-3647-866A-D3C265B21A57> /System/Library/PrivateFrameworks/BackBoardServices.framework/Versions/A/BackBoardServices

0x7fff32bb4000 - 0x7fff32bebfff com.apple.LDAPFramework (2.4.28 - 194.5) <DDC1A94A-3537-3980-904B-31C54DA385C9> /System/Library/Frameworks/LDAP.framework/Versions/A/LDAP

0x7fff32bec000 - 0x7fff32bedfff com.apple.TrustEvaluationAgent (2.0 - 35) <736DE13E-CC75-3D3A-BE5B-AF75CC241E0B> /System/Library/PrivateFrameworks/TrustEvaluationAgent.framework/Versions/A/TrustEvaluationAgent

0x7fff32bee000 - 0x7fff32cf3fff libcrypto.44.dylib (56.60.2) <777B260D-CD90-3AE2-986E-2E4D021E6ACC> /usr/lib/libcrypto.44.dylib

0x7fff32cf4000 - 0x7fff32d21fff libssl.46.dylib (56.60.2) <F2AE005F-3974-38D1-AA71-26201D27031F> /usr/lib/libssl.46.dylib

0x7fff32d22000 - 0x7fff32dd1fff com.apple.DiskImagesFramework (595.120.2 - 595.120.2) <443A6BBE-9265-3419-AFCA-2CDFB12902BE> /System/Library/PrivateFrameworks/DiskImages.framework/Versions/A/DiskImages

0x7fff32e09000 - 0x7fff32e18fff com.apple.RemoteServiceDiscovery (1.0 - 1.120.1) <00009125-85E9-3214-9CA3-EC1AB4EF8D77> /System/Library/PrivateFrameworks/RemoteServiceDiscovery.framework/Versions/A/RemoteServiceDiscovery

0x7fff32e31000 - 0x7fff32e75fff com.apple.DataDetectorsNaturalLanguage (1.0 - 159.1) <31938175-0DBF-3E4C-93C1-7895D3824C16> /System/Library/PrivateFrameworks/DataDetectorsNaturalLanguage.framework/Versions/A/DataDetectorsNaturalLanguage

0x7fff32e76000 - 0x7fff32e79fff 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

0x7fff32e7a000 - 0x7fff32e81fff com.apple.EFILogin (2.0 - 2) <32EC4CD5-A6BD-31E9-BE52-BF79845F9EDB> /System/Library/PrivateFrameworks/EFILogin.framework/Versions/A/EFILogin

0x7fff32e82000 - 0x7fff32e8dfff libcsfde.dylib (554) <D4C66851-FDFC-3B94-8B21-DCA76BDFE724> /usr/lib/libcsfde.dylib

0x7fff32e8e000 - 0x7fff32ef4fff libcurl.4.dylib (121.100.3) <5701AB53-D57D-38AE-8E76-ADBC03205B84> /usr/lib/libcurl.4.dylib
0x7fff32ef5000 - 0x7fff32efcfff com.apple.LoginUIKit (4.0 - 4.0)
<B3A81901-6B1B-380D-81B9-16607D66ED67> /System/Library/PrivateFrameworks/
LoginUIKit.framework/Versions/A/Frameworks/LoginUIKit.framework/Versions/A/LoginUIKit
0x7fff32efd000 - 0x7fff32f5fff com.apple.AppSupport (1.0.0 - 29) <92721008-
EEA9-3487-8609-FF41ADAAA3FF> /System/Library/PrivateFrameworks/AppSupport.framework/
Versions/A/AppSupport
0x7fff32fff000 - 0x7fff330c3fff com.apple.GameController (1.0 - 1) <C9271A39-E03C-3E08-
BE5E-43DEA43BE46C> /System/Library/Frameworks/GameController.framework/Versions/A/
GameController
0x7fff330cc000 - 0x7fff330ccfff com.apple.ApplicationServices (48 - 50)
<374F91E8-9983-363E-B1E1-85CEB46A5D1E> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/ApplicationServices
0x7fff330cd000 - 0x7fff330cffff com.apple.InternationalTextSearch (1.0 - 1) <BBF18374-
B23C-3B42-80B2-353460BD9C4F> /System/Library/PrivateFrameworks/
InternationalTextSearch.framework/Versions/A/InternationalTextSearch
0x7fff330d0000 - 0x7fff33148fff com.apple.ClassKit (1.2 - 146.5.2) <FBF4CE53-
C0D7-3B6A-9824-18BDAB54D9BA> /System/Library/Frameworks/ClassKit.framework/Versions/
A/ClassKit
0x7fff33149000 - 0x7fff3328dfff com.apple.AppleAccount (1.0 - 1.0) <1EF4F1C7-
D107-3F37-8BBE-C3EFD9F3D883> /System/Library/PrivateFrameworks/
AppleAccount.framework/Versions/A/AppleAccount
0x7fff3328e000 - 0x7fff332cdfff com.apple.AppleIDSSOAuthentication (1.0 - 1) <ADF094F3-
BEDB-39E6-8B1B-916C22204DA0> /System/Library/PrivateFrameworks/
AppleIDSSOAuthentication.framework/Versions/A/AppleIDSSOAuthentication
0x7fff333e1000 - 0x7fff333e1fff libHeimdalProxy.dylib (79) <68F67BFE-F1E8-341C-
A065-08954EF3F684> /System/Library/Frameworks/Kerberos.framework/Versions/A/Libraries/
libHeimdalProxy.dylib
0x7fff33494000 - 0x7fff33494fff com.apple.audio.units.AudioUnit (1.14 - 1.14) <CD5DF240-
D8F7-3349-88DC-423962E5A289> /System/Library/Frameworks/AudioUnit.framework/Versions/
A/AudioUnit
0x7fff334b8000 - 0x7fff334fbfff com.apple.StreamingZip (1.0 - 1)
<D5CEAC33-8D9C-3D74-9E5D-909F86441F4D> /System/Library/PrivateFrameworks/
StreamingZip.framework/Versions/A/StreamingZip
0x7fff334fc000 - 0x7fff3351afff com.apple.DuetActivityScheduler (1.0 - 1)
<9FF58D0E-56F1-38EB-96C6-D1BA55BE1EBE> /System/Library/PrivateFrameworks/
DuetActivityScheduler.framework/Versions/A/DuetActivityScheduler
0x7fff3352f000 - 0x7fff3353bfff com.apple.IntentsFoundation (1.0 - 1)
<A8E0A941-62E9-3C44-AC27-4735C31E76B6> /System/Library/PrivateFrameworks/
IntentsFoundation.framework/Versions/A/IntentsFoundation
0x7fff3353c000 - 0x7fff33541fff com.apple.PushKit (1.0 - 1) <03F9CDE4-B5D7-3B6B-
A87F-710ED5419A82> /System/Library/Frameworks/PushKit.framework/Versions/A/PushKit
0x7fff33542000 - 0x7fff33575fff com.apple.C2 (1.3 - 573) <06D74CE3-4E9E-3BD6-
A8F2-139BAE23437A> /System/Library/PrivateFrameworks/C2.framework/Versions/A/C2
0x7fff33576000 - 0x7fff335a6fff com.apple.QuickLookThumbnails (1.0 - 135.5)
<9442BCC8-9ED9-360E-82FA-648E6E37E993> /System/Library/Frameworks/
QuickLookThumbnails.framework/Versions/A/QuickLookThumbnails
0x7fff335a7000 - 0x7fff33da8fff com.apple.vision.EspressoFramework (1.0 - 256.4.4)
<2EBDF634-79CA-3977-9475-F972111CD0D8> /System/Library/PrivateFrameworks/
Espresso.framework/Versions/A/Espresso
0x7fff33da9000 - 0x7fff33dc0fff com.apple.ANEServices (4.75 - 4.75)
<B9463BEA-1D41-3752-9B6B-23030C33E91D> /System/Library/PrivateFrameworks/
ANEServices.framework/Versions/A/ANEServices
0x7fff33dc1000 - 0x7fff33e26fff com.apple.proactive.support.ProactiveSupport (1.0 - 294.7)
<5C96A4C0-1EE7-3AB6-9E5C-CFE05DD86E72> /System/Library/PrivateFrameworks/
ProactiveSupport.framework/Versions/A/ProactiveSupport
0x7fff33e27000 - 0x7fff33e31fff com.apple.corerecents (1.0 - 1) <2F209712-4F0E-3127-
A669-6296650D6476> /System/Library/PrivateFrameworks/CoreRecents.framework/Versions/A/
CoreRecents

0x7fff33e32000 - 0x7fff33e63fff com.apple.iCalendar (7.0 - 833) <0319DE41-A35F-3ED7-B49C-13EDA836666C> /System/Library/PrivateFrameworks/iCalendar.framework/Versions/A/iCalendar

0x7fff33e64000 - 0x7fff33ed4fff com.apple.CalendarFoundation (8.0 - 1178.4.1) <C9895340-9EAF-328F-8309-CF6769C6C38E> /System/Library/PrivateFrameworks/CalendarFoundation.framework/Versions/A/CalendarFoundation

0x7fff33ed5000 - 0x7fff33ed7fff com.apple.CoreDuetDebugLogging (1.0 - 1) <5F33048C-F4E2-331E-8FCE-3EA938BEFBA3> /System/Library/PrivateFrameworks/CoreDuetDebugLogging.framework/Versions/A/CoreDuetDebugLogging

0x7fff33ed8000 - 0x7fff33ee4fff com.apple.CoreDuetDaemonProtocol (1.0 - 1) <F29DAB6C-45E3-3C08-91C4-82AC67BB3E91> /System/Library/PrivateFrameworks/CoreDuetDaemonProtocol.framework/Versions/A/CoreDuetDaemonProtocol

0x7fff34178000 - 0x7fff3444afff com.apple.spotlight.index (10.7.0 - 2150.21) <0CE8905D-4E46-3328-8332-A6FE6FFAD7B6> /System/Library/PrivateFrameworks/SpotlightIndex.framework/Versions/A/SpotlightIndex

0x7fff34463000 - 0x7fff344b3fff com.apple.ChunkingLibrary (334.1 - 334.1) <27ED7D22-A3D4-3161-A5DF-485711DB2F48> /System/Library/PrivateFrameworks/ChunkingLibrary.framework/Versions/A/ChunkingLibrary

0x7fff345ea000 - 0x7fff34639fff com.apple.CalDAV (8.0 - 795) <9A942246-B95A-37FD-99AF-CABBD70C810> /System/Library/PrivateFrameworks/CalDAV.framework/Versions/A/CalDAV

0x7fff3463a000 - 0x7fff346d7fff com.apple.CoreSuggestions (1.0 - 1115.519) <63FBAFB2-592C-3C62-8A51-602FCB0780A3> /System/Library/PrivateFrameworks/CoreSuggestions.framework/Versions/A/CoreSuggestions

0x7fff346d8000 - 0x7fff34862fff com.apple.ical.EventKit (3.0 - 1414.3.1) <CA5CE226-43AC-3CF1-A40C-A3ED94C0C753> /System/Library/Frameworks/EventKit.framework/Versions/A/EventKit

0x7fff34863000 - 0x7fff34b34fff com.apple.CalendarPersistence (8.0 - 1071.4.4) <35335B37-B641-3445-B301-A7DD4937DCC7> /System/Library/PrivateFrameworks/CalendarPersistence.framework/Versions/A/CalendarPersistence

0x7fff34b35000 - 0x7fff34b5afff com.apple.CalendarAgentLink (8.0 - 250) <A6C431D3-5D70-323B-9419-06417B8C8831> /System/Library/PrivateFrameworks/CalendarAgentLink.framework/Versions/A/CalendarAgentLink

0x7fff34b5b000 - 0x7fff34b65fff com.apple.RTCReporting (11.85.2 - 11.85.2) <9EB70C4A-08ED-3EA8-8D44-8E00EBCF333C> /System/Library/PrivateFrameworks/RTCReporting.framework/Versions/A/RTCReporting

0x7fff34d0d000 - 0x7fff34d0ffff com.apple.ConstantClasses (1.0 - 1) <53A4025A-6518-36F9-B927-23F4EEDEF7AE> /System/Library/PrivateFrameworks/ConstantClasses.framework/Versions/A/ConstantClasses

0x7fff34d27000 - 0x7fff34d3cfff com.apple.CoreML.AppleNeuralEngine (1.0 - 1) <45EF4CAF-6202-303F-BB4F-8CC0EC8AE20B> /System/Library/PrivateFrameworks/AppleNeuralEngine.framework/Versions/A/AppleNeuralEngine

0x7fff34d92000 - 0x7fff34dfdfff com.apple.audio.midi.CoreMIDI (2.0 - 88) <10E7AF8A-AE30-39B6-BB56-0ACD7F835A81> /System/Library/Frameworks/CoreMIDI.framework/Versions/A/CoreMIDI

0x7fff34ebf000 - 0x7fff34ec2fff com.apple.Cocoa (6.11 - 23) <2686C6E1-1182-34AA-9A3A-F7BC19DED4CB> /System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa

0x7fff34f0c000 - 0x7fff352f8fff com.apple.AppleMediaServices (1.0 - 1) <8876688A-EB71-3DA0-B5A8-08FC2AED0EE0> /System/Library/PrivateFrameworks/AppleMediaServices.framework/Versions/A/AppleMediaServices

0x7fff35330000 - 0x7fff35792fff com.apple.MediaRemote (1.0 - 1) <77089C71-29BE-3CF8-9130-49873FE78A70> /System/Library/PrivateFrameworks/MediaRemote.framework/Versions/A/MediaRemote

0x7fff35a82000 - 0x7fff35a89fff com.apple.DisplayServicesFW (3.1 - 380) <188826AE-34D8-39C6-B58B-10EFEB683DA7> /System/Library/PrivateFrameworks/DisplayServices.framework/Versions/A/DisplayServices

0x7fff362ca000 - 0x7fff362fafff libtidy.A.dylib (18.1) <49BB5870-8F69-35C0-9A9A-DE589727ED65> /usr/lib/libtidy.A.dylib

0x7fff362fb000 - 0x7fff3631bfff com.apple.MarkupUI (1.0 - 383.6)
<283E1B55-1E46-3FC1-9DC3-48C07B432FAC> /System/Library/PrivateFrameworks/
MarkupUI.framework/Versions/A/MarkupUI
0x7fff3631c000 - 0x7fff3632ffff com.apple.Engram (1.0 - 1) <96563E93-
C7B4-3BD3-9CE7-46BF006DF337> /System/Library/PrivateFrameworks/Engram.framework/
Versions/A/Engram
0x7fff36330000 - 0x7fff36353fff com.apple.openscripting (1.7 - 190)
<9EAC55CC-0ECC-3B41-BF97-53C32496C689> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/OpenScripting.framework/Versions/A/OpenScripting
0x7fff36354000 - 0x7fff36357fff com.apple.securityhi (9.0 - 55008)
<56A728F6-162E-31DE-9C29-FB1BE44C6B89> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/SecurityHI.framework/Versions/A/SecurityHI
0x7fff36358000 - 0x7fff3635bfff 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
0x7fff3635c000 - 0x7fff3635ffff 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
0x7fff36360000 - 0x7fff36367fff 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
0x7fff36368000 - 0x7fff37554fff com.apple.JavaScriptCore (16611 - 16611.2.7.1.4)
<DFBCB49C-2D23-3C51-BAD0-54C1B67585BA> /System/Library/Frameworks/
JavaScriptCore.framework/Versions/A/JavaScriptCore
0x7fff375c0000 - 0x7fff376d2fff com.apple.AVFCapture (1.0 - 82.6)
<30FBE4F0-8C28-3C34-9F0E-C4B6BF0A631B> /System/Library/PrivateFrameworks/
AVFCapture.framework/Versions/A/AVFCapture
0x7fff376d3000 - 0x7fff37766fff com.apple.Quagga (47 - 47)
<B3799C11-61CD-3312-8B52-3437352F819F> /System/Library/PrivateFrameworks/
Quagga.framework/Versions/A/Quagga
0x7fff37767000 - 0x7fff379b1fff com.apple.CMCapture (1.0 - 82.6) <C539C9A9-
C030-36BA-B0CD-4FBDA9B8EFEF> /System/Library/PrivateFrameworks/CMCapture.framework/
Versions/A/CMCapture
0x7fff37d4d000 - 0x7fff37dfaaff com.apple.accounts.AccountsDaemon (113 - 113)
<F18A6341-6DD3-360A-B057-0EA7D6E05A42> /System/Library/PrivateFrameworks/
AccountsDaemon.framework/Versions/A/AccountsDaemon
0x7fff37dfb000 - 0x7fff37dfdfbf com.apple.OAuth (25 - 25) <D277727E-311F-3294-
B5C8-81D9662E8911> /System/Library/PrivateFrameworks/OAuth.framework/Versions/A/OAuth
0x7fff383ad000 - 0x7fff383bcfff com.apple.HID (1.0 - 1) <8D5F9ECE-C388-3B08-
B402-99C6BD6B4453> /System/Library/PrivateFrameworks/HID.framework/Versions/A/HID
0x7fff383bd000 - 0x7fff384e4fff 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
0x7fff388b7000 - 0x7fff3893dfff com.apple.coredav (1.0.1 - 889) <5AAA2270-DF33-3FBF-
A424-3B4DE71B09C8> /System/Library/PrivateFrameworks/CoreDAV.framework/Versions/A/
CoreDAV
0x7fff3893e000 - 0x7fff38994fff com.apple.ExchangeWebServices (8.0 - 814.100.1)
<D314AD0E-168A-39A0-8308-044942FDC923> /System/Library/PrivateFrameworks/
ExchangeWebServices.framework/Versions/A/ExchangeWebServices
0x7fff38995000 - 0x7fff389d5fff com.apple.MediaServices (1.0 - 1) <8C20CCCD-
E6F4-391F-B0BF-6A56A2BFE0E3> /System/Library/PrivateFrameworks/
MediaServices.framework/Versions/A/MediaServices
0x7fff38ad1000 - 0x7fff38ad1fff com.apple.marco (10.0 - 1000)
<EC9EE664-92FD-38A8-83A8-BEB5011743CC> /System/Library/PrivateFrameworks/
Marco.framework/Versions/A/Marco
0x7fff38cb7000 - 0x7fff38ceffff com.apple.contacts.ContactsAutocomplete (1.0 - 1152.4)
<7222C5C3-FAC7-31B8-8F69-0E31D4E5C603> /System/Library/PrivateFrameworks/
ContactsAutocomplete.framework/Versions/A/ContactsAutocomplete

0x7fff38cf0000 - 0x7fff38cffff com.apple.KerberosHelper (4.0 - 1.0)
<D10F994D-18AD-36D3-ADAF-C7BC7A22A8ED> /System/Library/PrivateFrameworks/
KerberosHelper.framework/Versions/A/KerberosHelper
0x7fff38cfd000 - 0x7fff38d40fff com.apple.ResponseKit (1.0 - 165.2) <8405EE2E-
D000-3677-949C-C79B84AC1839> /System/Library/PrivateFrameworks/ResponseKit.framework/
Versions/A/ResponseKit
0x7fff38d41000 - 0x7fff38d60fff com.apple.proactive.support.ProactiveEventTracker (1.0 -
294.7) <EBF3AB4B-E69E-3437-87F1-5D4A5C52ABB6> /System/Library/PrivateFrameworks/
ProactiveEventTracker.framework/Versions/A/ProactiveEventTracker
0x7fff39184000 - 0x7fff39184fff com.apple.PhoneNumbers (1.0 - 1)
<395A854F-61D3-3F8B-825D-0F0909DCE8BA> /System/Library/PrivateFrameworks/
PhoneNumbers.framework/Versions/A/PhoneNumbers
0x7fff39185000 - 0x7fff3918cfff com.apple.URLFormatting (146 - 146.22) <B8FC8B2F-
B9E3-39E0-A1EE-2949B171A29F> /System/Library/PrivateFrameworks/
URLFormatting.framework/Versions/A/URLFormatting
0x7fff3918d000 - 0x7fff3919bfff com.apple.accessibility.AXCoreUtilities (1.0 - 1)
<D11C0413-B53C-3FD3-9E97-841F8CE92672> /System/Library/PrivateFrameworks/
AXCoreUtilities.framework/Versions/A/AXCoreUtilities
0x7fff3919c000 - 0x7fff391b3fff libAccessibility.dylib (2885.46)
<1DB54413-6681-35FE-8211-9ED94E518017> /usr/lib/libAccessibility.dylib
0x7fff3ba2e000 - 0x7fff3bbd5fff libFosl_dynamic.dylib (200) <E9DA8B27-A28B-3113-
B333-7010BE353F8D> /usr/lib/libFosl_dynamic.dylib
0x7fff3bbd6000 - 0x7fff3bbf8fff com.apple.quicklook.QuickLookSupport (1.0 - 135.5)
<F80D39B4-AB88-3B66-982D-BECDEE76F3F5> /System/Library/PrivateFrameworks/
QuickLookSupport.framework/Versions/A/QuickLookSupport
0x7fff3bbf9000 - 0x7fff3bc90fff com.apple.AirPlaySync (1.0 - 2775.22) <40966FF0-
FE78-3C88-A842-AA3340DE5F21> /System/Library/PrivateFrameworks/AirPlaySync.framework/
Versions/A/AirPlaySync
0x7fff3bec0000 - 0x7fff3bec3fff com.apple.ExceptionHandling (1.5 - 14) <623FCA17-
E3C4-363E-A453-277D183B6788> /System/Library/Frameworks/ExceptionHandling.framework/
Versions/A/ExceptionHandling
0x7fff3c81d000 - 0x7fff3c8a0fff com.apple.CorePDF (4.0 - 529) <4080F36F-C11B-3851-
AB20-D6791E8E19FE> /System/Library/PrivateFrameworks/CorePDF.framework/Versions/A/
CorePDF
0x7fff3c8a1000 - 0x7fff3c8a4fff 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
0x7fff3c8a5000 - 0x7fff3c8a8fff com.apple.Carbon (160 - 164)
<967F26C3-8582-3A33-945F-DDA8F103B2E2> /System/Library/Frameworks/Carbon.framework/
Versions/A/Carbon
0x7fff3c9a1000 - 0x7fff3c9a1fff com.apple.avfoundation (2.0 - 2015.22.4.1) <8605C616-
EB49-3FCE-9489-6CA5CFCDD006> /System/Library/Frameworks/AVFoundation.framework/
Versions/A/AVFoundation
0x7fff3cb5b000 - 0x7fff3cb7afff com.apple.private.SystemPolicy (1.0 - 1)
<CAB3E8CD-1F31-343F-ABC1-9448543F211F> /System/Library/PrivateFrameworks/
SystemPolicy.framework/Versions/A/SystemPolicy
0x7fff3ccc7000 - 0x7fff3cd1dfff com.apple.AccessibilitySharedSupport (1.0 - 1)
<90C68F4B-F054-33FC-A1F5-E2396F11C937> /System/Library/PrivateFrameworks/
AccessibilitySharedSupport.framework/Versions/A/AccessibilitySharedSupport
0x7fff3cd1e000 - 0x7fff3cd3bfff com.apple.sidecar-core (1.0 - 231) <D36E1746-161B-3A32-
A962-617389DE34AA> /System/Library/PrivateFrameworks/SidecarCore.framework/Versions/A/
SidecarCore
0x7fff3cd3c000 - 0x7fff3cd3ffff com.apple.QuickLookNonBaseSystem (1.0 - 1) <432514FB-
F146-3B2D-A2D6-42717A181EEF> /System/Library/PrivateFrameworks/
QuickLookNonBaseSystem.framework/Versions/A/QuickLookNonBaseSystem
0x7fff3d157000 - 0x7fff3d15dfff com.apple.FeatureFlagsSupport (1.0 - 28.60.1) <F106091B-
B810-320D-902B-8CEE1F10CF17> /System/Library/PrivateFrameworks/
FeatureFlagsSupport.framework/Versions/A/FeatureFlagsSupport

0x7fff3d2ce000 - 0x7fff3d2e5fff com.apple.SafariServices.framework (16611 - 16611.2.7.1.4) <6C92702E-89B9-3572-B4FC-736D2041F3F1> /System/Library/Frameworks/SafariServices.framework/Versions/A/SafariServices

0x7fff3d495000 - 0x7fff3d4a0fff com.apple.MallocStackLogging (1.0 - 1) <394E6F65-386E-3488-BD68-1D3C2418694B> /System/Library/PrivateFrameworks/MallocStackLogging.framework/Versions/A/MallocStackLogging

0x7fff3d4b5000 - 0x7fff3d4c7fff libmis.dylib (274.120.2) <1DE29019-5ECB-3BE2-8492-2385ED241950> /usr/lib/libmis.dylib

0x7fff3d4e4000 - 0x7fff3d653fff com.apple.CoreHandwriting (161 - 1.2) <89ADBC17-A8F8-37E4-AE0E-5533272CA19A> /System/Library/PrivateFrameworks/CoreHandwriting.framework/Versions/A/CoreHandwriting

0x7fff3d654000 - 0x7fff3d8affff com.apple.imageKit (3.0 - 1100) <6990E5BB-D8F0-349F-84F7-2EABB7A1FDDB> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/ImageKit.framework/Versions/A/ImageKit

0x7fff3d8b0000 - 0x7fff3d9c6fff com.apple.PencilKit (1.0 - 1) <DADEFB75-EEEE-3B2A-A5B4-310E6E176136> /System/Library/Frameworks/PencilKit.framework/Versions/A/PencilKit

0x7fff3d9c7000 - 0x7fff3d9d8fff com.apple.sidecar-ui (1.0 - 231) <70E26CB2-6C08-3F1A-A79F-66D13B8BF78F> /System/Library/PrivateFrameworks/SidecarUI.framework/Versions/A/SidecarUI

0x7fff3dffb000 - 0x7fff3e05dfff com.apple.ImageCaptureCore (1711.5.2 - 1711.5.2) <78B6D62A-A83A-3F64-BAB1-A495534AEC18> /System/Library/Frameworks/ImageCaptureCore.framework/Versions/A/ImageCaptureCore

0x7fff3e05e000 - 0x7fff3e083fff 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

0x7fff3e2cf000 - 0x7fff3e431fff com.apple.MediaPlayer (1.0 - 1.0) <174DB58A-64A0-35DD-988E-0BA5EB69A64C> /System/Library/Frameworks/MediaPlayer.framework/Versions/A/MediaPlayer

0x7fff3e432000 - 0x7fff3e713fff com.apple.iTunesCloud (1.0 - 1) <F56B5C70-42D6-3444-A009-35C73225BCDB> /System/Library/PrivateFrameworks/iTunesCloud.framework/Versions/A/iTunesCloud

0x7fff3e73f000 - 0x7fff3e86bfff com.apple.AnnotationKit (1.0 - 383.6) <7170CD9B-2447-3EDA-A705-6A9FF08175C9> /System/Library/PrivateFrameworks/AnnotationKit.framework/Versions/A/AnnotationKit

0x7fff3e86c000 - 0x7fff3ed0cfff com.apple.QuartzComposer (5.1 - 383) <D24E9DF5-2FEB-36ED-81DB-0E11D32EEFF5> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuartzComposer.framework/Versions/A/QuartzComposer

0x7fff3ed0d000 - 0x7fff3edf5fff com.apple.PDFKit (1.0 - 950.40.3) <EE136A8A-EB2E-343C-8ADB-F574A510EFDf> /System/Library/Frameworks/PDFKit.framework/Versions/A/PDFKit

0x7fff3fb38000 - 0x7fff3fbb5fff com.apple.TextInput (1.0 - 1.0) <BC1AA691-A1A5-3368-8267-FA912891F59D> /System/Library/PrivateFrameworks/TextInput.framework/Versions/A/TextInput

0x7fff40cbb000 - 0x7fff40ceafff libncurses.5.4.dylib (57) <575D6FE4-911D-39E4-8D19-1CC44687CE6D> /usr/lib/libncurses.5.4.dylib

0x7fff40ceb000 - 0x7fff40cf4fff com.apple.IOAccelMemoryInfo (1.0 - 1) <0BBA14A6-C060-3759-9B5E-4EDFEABED297> /System/Library/PrivateFrameworks/IOAccelMemoryInfo.framework/Versions/A/IOAccelMemoryInfo

0x7fff40d4f000 - 0x7fff40d52fff com.apple.quartzframework (1.5 - 25) <60A5AD3A-4B26-35E5-824B-70AF8DF69D79> /System/Library/Frameworks/Quartz.framework/Versions/A/Quartz

0x7fff41177000 - 0x7fff41195fff libCGInterfaces.dylib (544.4) <02C89930-F64D-354E-8C18-F3DDB419DC8D> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/Libraries/libCGInterfaces.dylib

0x7fff42811000 - 0x7fff43571fff libfaceCore.dylib (4.2.6) <3189A91B-BDBA-3E87-96DD-F0ED5D8542B8> /System/Library/Frameworks/Vision.framework/libfaceCore.dylib

0x7fff43572000 - 0x7fff43685fff com.apple.TextRecognition (1.0 - 157) <E48473E5-F99E-3D16-A650-8ED97DCC049D> /System/Library/PrivateFrameworks/TextRecognition.framework/Versions/A/TextRecognition

0x7fff43686000 - 0x7fff4369efff com.apple.Futhark (1.0 - 1) <7D60A767-DB31-31F6-9515-148393A72094> /System/Library/PrivateFrameworks/Futhark.framework/Versions/A/Futhark

0x7fff43720000 - 0x7fff43993fff com.apple.RawCamera.bundle (9.10.0 - 1450.3) <408A3DFB-B3D3-3C15-88BB-16076BDFC74B> /System/Library/CoreServices/RawCamera.bundle/Contents/MacOS/RawCamera

0x7fff441fc000 - 0x7fff44200fff com.apple.DAAPKit (1.0 - 1) <A873DED9-7399-3F68-8094-5BE963484B65> /System/Library/PrivateFrameworks/DAAPKit.framework/Versions/A/DAAPKit

0x7fff45b75000 - 0x7fff45b78fff libpmenergy.dylib (227.100.2) <D16F2A86-E179-3C63-9344-F9720E8B0CE9> /usr/lib/libpmenergy.dylib

0x7fff46264000 - 0x7fff4626ffff libGPUSupportMercury.dylib (18.5.9) <43A9855E-09F8-3F12-8A97-781328A7A758> /System/Library/PrivateFrameworks/GPUSupport.framework/Versions/A/Libraries/libGPUSupportMercury.dylib

0x7fff4789a000 - 0x7fff478dafff com.apple.osanalytics.OSAnalytics (1.0 - 1) <96B8D855-E10D-3E40-884F-DA0BBAE9F48F> /System/Library/PrivateFrameworks/OSAnalytics.framework/Versions/A/OSAnalytics

0x7fff4812a000 - 0x7fff48145fff com.apple.network.statistics.framework (1.2 - 1) <987933D1-D82B-3368-811D-1531FC40E617> /System/Library/PrivateFrameworks/NetworkStatistics.framework/Versions/A/NetworkStatistics

0x7fff514f1000 - 0x7fff5151efff com.apple.HelpData (2.3 - 201) <3125FBF3-30B7-3237-B001-2692332FF681> /System/Library/PrivateFrameworks/HelpData.framework/Versions/A/HelpData

0x7fff5151f000 - 0x7fff51539fff com.apple.shortcut (2.16 - 118) <1FD9ABCC-0B5B-37DC-9E6E-CC47C128DBB2> /System/Library/PrivateFrameworks/Shortcut.framework/Versions/A/Shortcut

0x7fff5153a000 - 0x7fff515d9fff com.apple.Symbolication (12.5 - 64544.70.1) <B57534E5-43D5-38CA-9A8C-A66EBDFB820A> /System/Library/PrivateFrameworks/Symbolication.framework/Versions/A/Symbolication

0x7fff517c8000 - 0x7fff517cbfff libpmsample.dylib (227.100.2) <AD0D2A60-E686-3879-837F-292E436FEB9F> /usr/lib/libpmsample.dylib

0x7fff53e5e000 - 0x7fff53e94fff com.apple.ReplayKit (1.0 - 1) <59D119B2-5E26-3A57-9AE5-F85506AA3786> /System/Library/Frameworks/ReplayKit.framework/Versions/A/ReplayKit

0x7fff55488000 - 0x7fff5548bfff com.apple.ForceFeedback (1.0.6 - 1.0.6) <0AD42E37-140A-393A-BBE4-B0C342B0FEC1> /System/Library/Frameworks/ForceFeedback.framework/Versions/A/ForceFeedback

0x7fff5e044000 - 0x7fff5ea9ffff libSC.dylib (4.5.14) <1DE5783A-8854-346A-8A0F-53997A8D5831> /System/Library/Extensions/AMDShared.bundle/Contents/PlugIns/libSC.dylib

0x7fff6956a000 - 0x7fff6956efff libmetal_timestamp.dylib (31001.189) <89A82967-B14D-3109-B45E-34717156E60E> /System/Library/PrivateFrameworks/GPUCompiler.framework/Versions/31001/Libraries/libmetal_timestamp.dylib

0x7fff6b9b5000 - 0x7fff6b9bbfff libCoreFSCache.dylib (200.9) <12A2A7E7-39F7-30A5-AC0B-E09947417D3E> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCoreFSCache.dylib

0x7fff6b9bc000 - 0x7fff6b9c0fff libCoreVMClient.dylib (200.9) <F8C4D017-075A-37B2-AE8D-8CEB5FE1BC9B> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCoreVMClient.dylib

0x7fff6b9c1000 - 0x7fff6b9d0fff com.apple.opengl (18.5.9 - 18.5.9) <1422D0CA-C3E2-3309-8897-018E651CB74E> /System/Library/Frameworks/OpenGL.framework/Versions/A/OpenGL

0x7fff6b9d1000 - 0x7fff6b9d3fff libCVMSPPluginSupport.dylib (18.5.9) <AC7D4088-7CA8-3A0B-9B55-08427083C382> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCVMSPPluginSupport.dylib

0x7fff6b9d4000 - 0x7fff6b9dcfff libGFXShared.dylib (18.5.9) <76ABDB4A-3687-39E0-B8FB-125717742431> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGFXShared.dylib

0x7fff6b9dd000 - 0x7fff6ba10fff libGLImage.dylib (18.5.9)
 <750C938A-9F4F-3BAD-8D3F-03EF619F28AD> /System/Library/Frameworks/
 OpenGL.framework/Versions/A/Libraries/libGLImage.dylib
 0x7fff6ba11000 - 0x7fff6ba4dfff libGLU.dylib (18.5.9) <4A77F717-2BBC-3439-
 AE10-694E82C0A184> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/
 libGLU.dylib
 0x7fff6ba4e000 - 0x7fff6bbe1fff libGLProgrammability.dylib (18.5.9)
 <811C33B6-9856-3D1F-8947-3899496630BD> /System/Library/Frameworks/
 OpenGL.framework/Versions/A/Libraries/libGLProgrammability.dylib
 0x7fff6bbe2000 - 0x7fff6bbecfff libGL.dylib (18.5.9)
 <95D5C72E-9352-39EC-83B1-6BB295A83462> /System/Library/Frameworks/
 OpenGL.framework/Versions/A/Libraries/libGL.dylib
 0x7fff6bbbed000 - 0x7fff6bd6afff GLEngine (18.5.9)
 <F8809EE9-15B0-36EC-8F33-12B869822B72> /System/Library/Frameworks/
 OpenGL.framework/Versions/A/Resources/GLEngine.bundle/GLEngine
 0x7fff6bd6b000 - 0x7fff6bd93fff GLRendererFloat (18.5.9)
 <F4858214-65AC-3CEF-834D-7A13370D9C5D> /System/Library/Frameworks/
 OpenGL.framework/Versions/A/Resources/GLRendererFloat.bundle/GLRendererFloat
 0x7fff6d02c000 - 0x7fff6d084fff com.apple.opengl (4.6 - 4.6) <769BB23D-09E5-3A3A-
 B2EA-310157AA206D> /System/Library/Frameworks/OpenCL.framework/Versions/A/OpenCL
 0x7fff6df7e000 - 0x7fff6dfcdfff ATIRadeonX5000SCLib.dylib (4.5.14)
 <37626FC0-11BC-375A-8B1A-B9BF591051D6> /System/Library/Extensions/
 AMDRadeonX5000GLDriver.bundle/Contents/MacOS/ATIRadeonX5000SCLib.dylib
 0x7fff6e12e000 - 0x7fff6e135fff com.apple.agl (3.3.4 - AGL-3.3.3) <23E38B10-2F27-3BB2-
 B78D-C28189C21601> /System/Library/Frameworks/AGL.framework/Versions/A/AGL
 0x7fff6e136000 - 0x7fff6e21dfff com.apple.audio.AVFAudio (1.0 - 477.87)
 <B762E01A-23A5-3F51-A1BE-EDDD5A2FDE4B> /System/Library/Frameworks/
 AVFAudio.framework/Versions/A/AVFAudio
 0x7fff6f79b000 - 0x7fff6f7adfff com.apple.CMImaging (1.0 - 82.6)
 <AACD534A-7769-3B70-9C43-5F53FD726895> /System/Library/PrivateFrameworks/
 CMImaging.framework/Versions/A/CMImaging
 0x7fff73a7b000 - 0x7fff73a86fff com.apple.SymptomAnalytics (1.0 - 1431.120.1)
 <897411F6-DB2B-34CD-ABDC-665A2C8D37E3> /System/Library/PrivateFrameworks/
 Symptoms.framework/Frameworks/SymptomAnalytics.framework/Versions/A/SymptomAnalytics
 0x7fff73c9c000 - 0x7fff73cb4fff com.apple.SymptomPresentationFeed (1.0 - 1431.120.1)
 <3CA4CFBB-1942-3BF2-B7C4-4F73FB4EE115> /System/Library/PrivateFrameworks/
 Symptoms.framework/Frameworks/SymptomPresentationFeed.framework/Versions/A/
 SymptomPresentationFeed
 0x7fff7782a000 - 0x7fff77831fff libRosetta.dylib (203.46) <0A17EAFD-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=1.5G resident=0K(0%)

swapped_out_or_unallocated=1.5G(100%)

Writable regions: Total=7.1G written=0K(0%) resident=0K(0%) swapped_out=0K(0%)

unallocated=7.1G(100%)

| REGION TYPE | VIRTUAL REGION SIZE | COUNT (non-coalesced) | | |
|--------------------------------|------------------------|-----------------------|--|---|
| ===== | ===== | ===== | | |
| Accelerate framework | 896K | 7 | | |
| Activity Tracing | 256K | 1 | | |
| CG backing stores | 5760K | 6 | | |
| CG image | 5536K | 29 | | |
| CG raster data | 3152K | 2 | | |
| CoreAnimation | 10.8M | 26 | | |
| CoreGraphics | 12K | 2 | | |
| CoreImage | 176K | 14 | | |
| CoreUI image data | 1688K | 16 | | |
| Foundation | 16K | 1 | | |
| Kernel Alloc Once | 8K | 1 | | |
| MALLOC | 6.1G | 362 | | |
| MALLOC guard page | 48K | 8 | | |
| MALLOC_MEDIUM (reserved) | 720.0M | 15 | | reserved VM address space (unallocated) |
| MALLOC_NANO (reserved) | 128.0M | 1 | | reserved VM address space (unallocated) |
| Mach message | 24K | 4 | | |
| OpenGL GLSL | 384K | 5 | | |
| STACK GUARD | 56.1M | 23 | | |
| Stack | 131.7M | 23 | | |
| VM_ALLOCATE | 5136K | 121 | | |
| __DATA | 49.9M | 600 | | |
| __DATA_CONST | 31.7M | 311 | | |
| __DATA_DIRTY | 1727K | 212 | | |
| __FONT_DATA | 4K | 1 | | |
| __GLSLBUILTINS | 5176K | 1 | | |
| __LINKEDIT | 694.3M | 177 | | |
| __OBJC_RO | 70.2M | 1 | | |
| __OBJC_RW | 2480K | 2 | | |
| __TEXT | 861.7M | 580 | | |
| __UNICODE | 588K | 1 | | |
| mapped file | 723.8M | 230 | | |
| shared memory | 812K | 28 | | |
| ===== | ===== | ===== | | |
| TOTAL | 9.5G | 2811 | | |
| TOTAL, minus reserved VM space | 8.7G | 2811 | | |

Model: iMacPro1,1, BootROM 1554.120.19.0.0 (iBridge: 18.16.14663.0.0.0), 8 processors, 8-Core Intel Xeon W, 3,2 GHz, 32 GB, SMC

Graphics: kHW_AMDRadeonProVega56Item, Radeon Pro Vega 56, spdisplays_pcie_device, 8 GB

Memory Module: NODE 1/CPU1_DIMM_A0, 8 GB, DDR4, 2666 MHz, Hynix, HMA81GR7AFR8N-VK

Memory Module: NODE 1/CPU1_DIMM_B0, 8 GB, DDR4, 2666 MHz, Hynix, HMA81GR7AFR8N-VK

Memory Module: NODE 1/CPU1_DIMM_C0, 8 GB, DDR4, 2666 MHz, Hynix, HMA81GR7AFR8N-VK

Memory Module: NODE 1/CPU1_DIMM_D0, 8 GB, DDR4, 2666 MHz, Hynix, HMA81GR7AFR8N-VK

AirPort: spairport_wireless_card_type_airport_extreme (0x14E4, 0x7BF), wl0: Feb 16 2021 02:10:42 version 9.30.444.10.32.5.67 FWID 01-a00c1314

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

Network Service: Ethernet, Ethernet, en0

Network Service: USB 10/100/1000 LAN, Ethernet, en9

USB Device: USB 3.0 Bus

USB Device: USB 10/100/1000 LAN

USB Device: Apple T2 Bus

USB Device: Headset

USB Device: Ambient Light Sensor
USB Device: FaceTime HD Camera (Built-in)
USB Device: Apple T2 Controller
Thunderbolt Bus: iMac Pro, Apple Inc., 41.5
Thunderbolt Bus: iMac Pro, Apple Inc., 41.5