

Process: VirtualBoxVM [3355]
Path: /Applications/VirtualBox.app/Contents/Resources/VirtualBoxVM.app/
Contents/MacOS/VirtualBoxVM
Identifier: org.virtualbox.app.VirtualBoxVM
Version: 6.0.12 (6.0.12)
Code Type: X86-64 (Native)
Parent Process: VBoxSVC [3343]
Responsible: VirtualBox [3339]
User ID: 501

Date/Time: 2019-10-16 12:00:30.568 -0400
OS Version: Mac OS X 10.15 (19A583)
Report Version: 12
Anonymous UUID: 83562C8C-ACF0-0F3A-0E69-14A07B6FB4BE

Time Awake Since Boot: 10000 seconds

System Integrity Protection: enabled

Crashed Thread: 1 Dispatch queue: com.apple.root.default-qos.overcommit

Exception Type: EXC_BAD_ACCESS (SIGSEGV)
Exception Codes: KERN_INVALID_ADDRESS at 0x00000007a0080020
Exception Note: EXC_CORPSE_NOTIFY

Termination Signal: Segmentation fault: 11
Termination Reason: Namespace SIGNAL, Code 0xb
Terminating Process: exc handler [3355]

VM Regions Near 0x7a0080020:

MALLOC_LARGE 00000001176f0000-000000011787c000 [1584K] rw-/rwx SM=PRV
-->
STACK GUARD 0000700003cf8000-0000700003cf9000 [4K] ---/rwx SM=NUL
stack guard for thread 1

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

0 org.qt-project.QtWidgetsVBox 0x0000000107ac4b90 0x107a07000 + 777104
1 org.qt-project.QtWidgetsVBox 0x0000000107b5491b QFrame::drawFrame(QPainter*) +
331
2 org.qt-project.QtWidgetsVBox 0x0000000107b5aa35 QLabel::paintEvent(QPaintEvent*) +
69
3 org.qt-project.QtWidgetsVBox 0x0000000107a5acb7 QWidget::event(QEvent*) + 2071
4 org.qt-project.QtWidgetsVBox 0x0000000107b549ad QFrame::event(QEvent*) + 45
5 org.qt-project.QtWidgetsVBox 0x0000000107b5a9cf QLabel::event(QEvent*) + 255
6 org.qt-project.QtWidgetsVBox 0x0000000107a18766
QApplicationPrivate::notify_helper(QObject*, QEvent*) + 294
7 org.qt-project.QtWidgetsVBox 0x0000000107a1bcde QApplication::notify(QObject*,
QEvent*) + 8558
8 org.qt-project.QtCoreVBox 0x0000000107042467
QCoreApplication::notifyInternal2(QObject*, QEvent*) + 167
9 org.qt-project.QtWidgetsVBox 0x0000000107a542f2
QWidgetPrivate::drawWidget(QPaintDevice*, QRegion const&, QPoint const&, int, QPainter*,
QWidgetBackingStore*) + 3442

```

10 org.qt-project.QtWidgetsVBox 0x0000000107a54b2a
QWidgetPrivate::paintSiblingsRecursive(QPaintDevice*, QList<QObject*> const&, int, QRegion
const&, QPoint const&, int, QPainter*, QWidgetBackingStore*) + 1226
11 org.qt-project.QtWidgetsVBox 0x0000000107a545a1
QWidgetPrivate::drawWidget(QPaintDevice*, QRegion const&, QPoint const&, int, QPainter*,
QWidgetBackingStore*) + 4129
12 org.qt-project.QtWidgetsVBox 0x0000000107a54b2a
QWidgetPrivate::paintSiblingsRecursive(QPaintDevice*, QList<QObject*> const&, int, QRegion
const&, QPoint const&, int, QPainter*, QWidgetBackingStore*) + 1226
13 org.qt-project.QtWidgetsVBox 0x0000000107a545a1
QWidgetPrivate::drawWidget(QPaintDevice*, QRegion const&, QPoint const&, int, QPainter*,
QWidgetBackingStore*) + 4129
14 org.qt-project.QtWidgetsVBox 0x0000000107a54b2a
QWidgetPrivate::paintSiblingsRecursive(QPaintDevice*, QList<QObject*> const&, int, QRegion
const&, QPoint const&, int, QPainter*, QWidgetBackingStore*) + 1226
15 org.qt-project.QtWidgetsVBox 0x0000000107a545a1
QWidgetPrivate::drawWidget(QPaintDevice*, QRegion const&, QPoint const&, int, QPainter*,
QWidgetBackingStore*) + 4129
16 org.qt-project.QtWidgetsVBox 0x0000000107a54b2a
QWidgetPrivate::paintSiblingsRecursive(QPaintDevice*, QList<QObject*> const&, int, QRegion
const&, QPoint const&, int, QPainter*, QWidgetBackingStore*) + 1226
17 org.qt-project.QtWidgetsVBox 0x0000000107a545a1
QWidgetPrivate::drawWidget(QPaintDevice*, QRegion const&, QPoint const&, int, QPainter*,
QWidgetBackingStore*) + 4129
18 org.qt-project.QtWidgetsVBox 0x0000000107a26a1f 0x107a07000 + 129567
19 org.qt-project.QtWidgetsVBox 0x0000000107a24d21 0x107a07000 + 122145
20 org.qt-project.QtWidgetsVBox 0x0000000107a4afdc QWidgetPrivate::syncBackingStore()
+ 236
21 org.qt-project.QtWidgetsVBox 0x0000000107a5aed1 QWidget::event(QEvent*) + 2609
22 org.qt-project.QtWidgetsVBox 0x0000000107b6ca8a QMainWindow::event(QEvent*) +
858
23 VirtualBoxVM.dylib 0x0000000106d45775 0x106d03000 + 272245
24 org.qt-project.QtWidgetsVBox 0x0000000107a18766
QApplicationPrivate::notify_helper(QObject*, QEvent*) + 294
25 org.qt-project.QtWidgetsVBox 0x0000000107a1bcde QApplication::notify(QObject*,
QEvent*) + 8558
26 org.qt-project.QtCoreVBox 0x0000000107042467
QCoreApplication::notifyInternal2(QObject*, QEvent*) + 167
27 org.qt-project.QtWidgetsVBox 0x0000000107a226ba 0x107a07000 + 112314
28 org.qt-project.QtWidgetsVBox 0x0000000107a23202 0x107a07000 + 115202
29 org.qt-project.QtWidgetsVBox 0x0000000107a5e20f QWidget::repaint(QRect const&) +
207
30 org.qt-project.QtWidgetsVBox 0x0000000107a5e134 QWidget::repaint() + 52
31 org.qt-project.QtCoreVBox 0x0000000107076808 QMetaObject::activate(QObject*,
int, int, void**) + 3048
32 VirtualBoxVM.dylib 0x0000000106dc1ec3 0x106d03000 + 782019
33 org.qt-project.QtCoreVBox 0x0000000107076808 QMetaObject::activate(QObject*,
int, int, void**) + 3048
34 VirtualBoxVM.dylib 0x0000000106dbfb4c 0x106d03000 + 772940
35 VirtualBoxVM.dylib 0x0000000106d28df4 0x106d03000 + 155124
36 org.qt-project.QtCoreVBox 0x000000010704276e
QCoreApplicationPrivate::sendThroughObjectEventFilters(QObject*, QEvent*) + 222
37 org.qt-project.QtWidgetsVBox 0x0000000107a18751
QApplicationPrivate::notify_helper(QObject*, QEvent*) + 273

```

```

38 org.qt-project.QtWidgetsVBox 0x0000000107a1bcde QApplication::notify(QObject*,
QEvent*) + 8558
39 org.qt-project.QtCoreVBox 0x0000000107042467
QCoreApplication::notifyInternal2(QObject*, QEvent*) + 167
40 org.qt-project.QtWidgetsVBox 0x0000000107a163b1
QApplicationPrivate::setFocusWidget(QWidget*, Qt::FocusReason) + 273
41 org.qt-project.QtWidgetsVBox 0x0000000107a1759a
QApplication::setActiveWindow(QWidget*) + 1146
42 org.qt-project.QtWidgetsVBox 0x0000000107a179e2
QApplicationPrivate::notifyActiveWindowChange(QWindow*) + 50
43 org.qt-project.QtGuiVBox 0x0000000107462f7a
QGuiApplicationPrivate::processActivatedEvent(QWindowSystemInterfacePrivate::ActivatedWi
ndowEvent*) + 618
44 org.qt-project.QtGuiVBox 0x000000010745f2e7
QGuiApplicationPrivate::processWindowSystemEvent(QWindowSystemInterfacePrivate::Windo
wSystemEvent*) + 1383
45 org.qt-project.QtGuiVBox 0x0000000107448feb
QWindowSystemInterface::sendWindowSystemEvents(QFlags<QEventLoop::ProcessEventsFla
g>) + 411
46 libqcocoa.dylib 0x000000010b7ef0b1
QCocoaEventDispatcherPrivate::postedEventsSourceCallback(void*) + 33
47 com.apple.CoreFoundation 0x00007fff3bbfba21
__CFRUNLOOP_IS_CALLING_OUT_TO_A_SOURCE0_PERFORM_FUNCTION__ + 17
48 com.apple.CoreFoundation 0x00007fff3bbfb9c0 __CFRunLoopDoSource0 + 103
49 com.apple.CoreFoundation 0x00007fff3bbdef84 __CFRunLoopDoSources0 + 209
50 com.apple.CoreFoundation 0x00007fff3bbde590 __CFRunLoopRun + 1272
51 com.apple.CoreFoundation 0x00007fff3bbdde13 CFRunLoopRunSpecific + 499
52 com.apple.HIToolbox 0x00007fff3a76ab2d RunCurrentEventLoopInMode + 292
53 com.apple.HIToolbox 0x00007fff3a76a779 ReceiveNextEventCommon + 356
54 com.apple.HIToolbox 0x00007fff3a76a5f7
_BlockUntilNextEventMatchingListInModeWithFilter + 64
55 com.apple.AppKit 0x00007fff38e00ac4 _DPSNextEvent + 990
56 com.apple.AppKit 0x00007fff38dff834 -[NSApplication(NSEvent)
_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1352
57 com.apple.AppKit 0x00007fff38df9fd4 -[NSApplication run] + 658
58 libqcocoa.dylib 0x000000010b7edeed
QCocoaEventDispatcher::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) + 2205
59 org.qt-project.QtCoreVBox 0x000000010703e791
QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) + 401
60 org.qt-project.QtCoreVBox 0x0000000107042b4a QCoreApplication::exec() + 346
61 VirtualBoxVM.dylib 0x0000000106d0af93 TrustedMain + 1315
62 org.virtualbox.app.VirtualBoxVM 0x0000000106654d36 0x106651000 + 15670
63 libdyld.dylib 0x00007fff72edd405 start + 1

```

Thread 1 Crashed:: Dispatch queue: com.apple.root.default-qos.overcommit

```

0 libobjc.A.dylib 0x00007fff71b74598 objc_release + 24
1 com.apple.iokit.IOHIDLib 0x0000000111bd34e7 0x111bd0000 + 13543
2 libobjc.A.dylib 0x00007fff71b796e3 objc_object::sidetable_release(bool) + 229
3 com.apple.CoreFoundation 0x00007fff3bbbbb60a -[__NSArrayM dealloc] + 205
4 libobjc.A.dylib 0x00007fff71b796e3 objc_object::sidetable_release(bool) + 229
5 com.apple.iokit.IOHIDLib 0x0000000111bde07a 0x111bd0000 + 57466
6 libobjc.A.dylib 0x00007fff71b7ad36 object_cxxDestructFromClass(objc_object*,
objc_class*) + 83
7 libobjc.A.dylib 0x00007fff71b746e1 objc_destructInstance + 60

```

```

8 libobjc.A.dylib          0x00007fff71b74671 _objc_rootDealloc + 62
9 com.apple.iokit.IOHIDLib 0x0000000111bd1c24 0x111bd0000 + 7204
10 com.apple.iokit.IOHIDLib 0x0000000111bd1e2f 0x111bd0000 + 7727
11 com.apple.iokit.IOHIDLib 0x0000000111bddfe3 0x111bd0000 + 57315
12 libobjc.A.dylib          0x00007fff71b796e3 objc_object::sidetable_release(bool) + 229
13 com.apple.iokit.IOHIDLib 0x0000000111bd1be6 0x111bd0000 + 7142
14 com.apple.framework.IOKit 0x00007fff3e98fc22 IODestroyPlugInInterface + 28
15 com.apple.framework.IOKit 0x00007fff3e9ad158 _IOHIDDeviceReleasePrivate + 367
16 com.apple.framework.IOKit 0x00007fff3e990841 -[HIDDevice dealloc] + 17
17 libobjc.A.dylib          0x00007fff71b796e3 objc_object::sidetable_release(bool) + 229
18 com.apple.CoreFoundation 0x00007fff3bbb1e0d __CFBasicHashDrain + 345
19 com.apple.CoreFoundation 0x00007fff3bcdfe28 _CFRelease + 265
20 com.apple.framework.IOKit 0x00007fff3e9b1c03 _IOHIDManagerIntRelease + 67
21 com.apple.framework.IOKit 0x00007fff3e97eaa0 _IOHIDObjectRetainCount + 345
22 libdispatch.dylib        0x00007fff72e8d4de _dispatch_client_callout + 8
23 libdispatch.dylib        0x00007fff72e9b936 _dispatch_root_queue_drain + 663
24 libdispatch.dylib        0x00007fff72e9bf25 _dispatch_worker_thread2 + 92
25 libsystem_pthread.dylib   0x00007fff730e671d _pthread_wqthread + 220
26 libsystem_pthread.dylib   0x00007fff730e65c3 start_wqthread + 15

```

Thread 2:

```

0 libsystem_pthread.dylib   0x00007fff730e65b4 start_wqthread + 0

```

Thread 3:

```

0 libsystem_pthread.dylib   0x00007fff730e65b4 start_wqthread + 0

```

Thread 4:

```

0 libsystem_pthread.dylib   0x00007fff730e65b4 start_wqthread + 0

```

Thread 5:: Dispatch queue: NSCGSDisableUpdates

```

0 libsystem_kernel.dylib    0x00007fff7302619a semaphore_timedwait_trap + 10
1 com.apple.SkyLight        0x00007fff69c0ed60
CGSUpdateManager::enable_updates_common() + 302
2 com.apple.SkyLight        0x00007fff69c0f497 SLSReenableUpdateTokenWithSeed
+ 121
3 libdispatch.dylib        0x00007fff72e8c553 _dispatch_call_block_and_release + 12
4 libdispatch.dylib        0x00007fff72e8d4de _dispatch_client_callout + 8
5 libdispatch.dylib        0x00007fff72e92a9e _dispatch_lane_serial_drain + 597
6 libdispatch.dylib        0x00007fff72e93422 _dispatch_lane_invoke + 363
7 libdispatch.dylib        0x00007fff72e9caa1 _dispatch_workloop_worker_thread + 598
8 libsystem_pthread.dylib   0x00007fff730e6763 _pthread_wqthread + 290
9 libsystem_pthread.dylib   0x00007fff730e65c3 start_wqthread + 15

```

Thread 6:: nspr-1

```

0 libsystem_kernel.dylib    0x00007fff7302d7c6 __select + 10
1 VBoxXPCOM.dylib          0x000000010a7e88b0 0x10a75e000 + 567472
2 VBoxXPCOM.dylib          0x000000010a7ea6e5 PR_Poll + 1061
3 VBoxXPCOMIPCC.dylib      0x000000010f2fee75 0x10f2ec000 + 77429
4 VBoxXPCOM.dylib          0x000000010a7efa96 0x10a75e000 + 596630
5 VBoxRT.dylib             0x00000001067766dc 0x10668e000 + 952028
6 VBoxRT.dylib             0x0000000106828132 0x10668e000 + 1679666
7 libsystem_pthread.dylib   0x00007fff730e9d76 _pthread_start + 125
8 libsystem_pthread.dylib   0x00007fff730e65d7 thread_start + 15

```

Thread 7:: nspr-2

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxXPCOM.dylib	0x000000010a7eddf6 PR_WaitCondVar + 254
3	VBoxXPCOM.dylib	0x000000010a7ee2ad PR_Wait + 61
4	VBoxXPCOMIPCC.dylib	0x000000010f2f77b8 0x10f2ec000 + 47032
5	VBoxXPCOM.dylib	0x000000010a7c2209 0x10a75e000 + 410121
6	VBoxXPCOM.dylib	0x000000010a7efa96 0x10a75e000 + 596630
7	VBoxRT.dylib	0x00000001067766dc 0x10668e000 + 952028
8	VBoxRT.dylib	0x0000000106828132 0x10668e000 + 1679666
9	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
10	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 8:: VBoxSVCWatcher

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x0000000106824a3c RTSemEventWait + 364
3	VBoxC.dylib	0x000000010f40adeb 0x10f311000 + 1023467
4	VBoxRT.dylib	0x00000001067766dc 0x10668e000 + 952028
5	VBoxRT.dylib	0x0000000106828132 0x10668e000 + 1679666
6	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
7	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 9:: UIMainEventListeningThread

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxXPCOM.dylib	0x000000010a7edde7 PR_WaitCondVar + 231
3	VBoxXPCOM.dylib	0x000000010a7ee2ad PR_Wait + 61
4	VBoxXPCOMIPCC.dylib	0x000000010f2f171b 0x10f2ec000 + 22299
5	VBoxXPCOMIPCC.dylib	0x000000010f2f13ed 0x10f2ec000 + 21485
6	VBoxXPCOMIPCC.dylib	0x000000010f2f6039 0x10f2ec000 + 41017
7	VBoxXPCOM.dylib	0x000000010a7d12fd 0x10a75e000 + 471805
8	VBoxXPCOM.dylib	0x000000010a7d04fb 0x10a75e000 + 468219
9	VBoxGlobal.dylib	0x000000010841d842 CEventSource::GetEvent(CEventListener const&, int) + 162
10	VBoxGlobal.dylib	0x000000010823e3b7 0x10818c000 + 730039
11	org.qt-project.QtCoreVBox	0x0000000106e8496b 0x106e5b000 + 170347
12	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
13	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 10:: UIMainEventListeningThread

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x0000000106824a3c RTSemEventWait + 364
3	VBoxC.dylib	0x000000010f352d90 0x10f311000 + 269712
4	VBoxC.dylib	0x000000010f353fcd 0x10f311000 + 274381
5	VBoxC.dylib	0x000000010f4e59aa 0x10f311000 + 1919402
6	VBoxGlobal.dylib	0x000000010841d842 CEventSource::GetEvent(CEventListener const&, int) + 162
7	VBoxGlobal.dylib	0x000000010823e3b7 0x10818c000 + 730039
8	org.qt-project.QtCoreVBox	0x0000000106e8496b 0x106e5b000 + 170347
9	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
10	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 11:: TimerLR

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x00000000106824a3c RTSemEventWait + 364
3	VBoxRT.dylib	0x000000001067dbb15 0x10668e000 + 1366805
4	VBoxRT.dylib	0x000000001067766dc 0x10668e000 + 952028
5	VBoxRT.dylib	0x00000000106828132 0x10668e000 + 1679666
6	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
7	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 12:: UIMainEventListeningThread

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x00000000106824a3c RTSemEventWait + 364
3	VBoxC.dylib	0x0000000010f352d90 0x10f311000 + 269712
4	VBoxC.dylib	0x0000000010f353fcd 0x10f311000 + 274381
5	VBoxC.dylib	0x0000000010f4e59aa 0x10f311000 + 1919402
6	VBoxGlobal.dylib	0x0000000010841d842 CEventSource::GetEvent(CEventListener const&, int) + 162
7	VBoxGlobal.dylib	0x0000000010823e3b7 0x10818c000 + 730039
8	org.qt-project.QtCoreVBox	0x00000000106e8496b 0x106e5b000 + 170347
9	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
10	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 13:: UIThreadWorker

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	org.qt-project.QtCoreVBox	0x00000000106e86170 0x106e5b000 + 176496
3	org.qt-project.QtCoreVBox	0x00000000106e85fab 0x106e5b000 + 176043
4	org.qt-project.QtCoreVBox	0x00000000106e85e82 QWaitCondition::wait(QMutex*, unsigned long) + 162
5	VBoxGlobal.dylib	0x00000000108267029 UIThreadPool::dequeueTask(UIThreadWorker*) + 121
6	VBoxGlobal.dylib	0x00000000108267190 0x10818c000 + 897424
7	org.qt-project.QtCoreVBox	0x00000000106e8496b 0x106e5b000 + 170347
8	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
9	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 14:: MainHGCMthread

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x00000000106824aeb RTSemEventWait + 539
3	VBoxC.dylib	0x0000000010f4a39b5 0x10f311000 + 1649077
4	VBoxC.dylib	0x0000000010f4a40a6 0x10f311000 + 1650854
5	VBoxC.dylib	0x0000000010f4a84bb 0x10f311000 + 1668283
6	VBoxC.dylib	0x0000000010f4a378f 0x10f311000 + 1648527
7	VBoxRT.dylib	0x000000001067766dc 0x10668e000 + 952028
8	VBoxRT.dylib	0x00000000106828132 0x10668e000 + 1679666
9	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
10	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 15:: VRDP-IN

0	libsystem_kernel.dylib	0x00007fff7302d7c6 __select + 10
1	VBoxVRDP.dylib	0x0000000011050c555 0x1104e6000 + 157013

2	VBoxVRDP.dylib	0x000000011050e1f9 0x1104e6000 + 164345
3	VBoxRT.dylib	0x00000001067766dc 0x10668e000 + 952028
4	VBoxRT.dylib	0x0000000106828132 0x10668e000 + 1679666
5	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
6	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 16:: VRDP-OUT

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x00000001068254c6 0x10668e000 + 1668294
3	VBoxVRDP.dylib	0x00000001105085bf 0x1104e6000 + 140735
4	VBoxRT.dylib	0x00000001067766dc 0x10668e000 + 952028
5	VBoxRT.dylib	0x0000000106828132 0x10668e000 + 1679666
6	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
7	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 17:: remote usb

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x0000000106824a3c RTSemEventWait + 364
3	VBoxC.dylib	0x000000010f3dee16 0x10f311000 + 843286
4	VBoxRT.dylib	0x00000001067766dc 0x10668e000 + 952028
5	VBoxRT.dylib	0x0000000106828132 0x10668e000 + 1679666
6	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
7	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 18:: EMT

0	libsystem_kernel.dylib	0x00007fff73026aba __ioctl + 10
1	libsystem_kernel.dylib	0x00007fff73026aa7 ioctl + 150
2	VBoxRT.dylib	0x0000000106832d5d 0x10668e000 + 1723741
3	VBoxRT.dylib	0x000000010682b8f6 SUPR3CallVMMR0Ex + 438
4	VBoxVMM.dylib	0x000000010a514db2 0x10a465000 + 720306
5	VBoxVMM.dylib	0x000000010a513d81 0x10a465000 + 716161
6	VBoxVMM.dylib	0x000000010a4ab19a 0x10a465000 + 287130
7	VBoxVMM.dylib	0x000000010a513556 0x10a465000 + 714070
8	VBoxRT.dylib	0x00000001067766dc 0x10668e000 + 952028
9	VBoxRT.dylib	0x0000000106828132 0x10668e000 + 1679666
10	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
11	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 19:: ShClipboard

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x0000000106824aeb RTSemEventWait + 539
3	VBoxC.dylib	0x000000010f4a39b5 0x10f311000 + 1649077
4	VBoxC.dylib	0x000000010f4a40a6 0x10f311000 + 1650854
5	VBoxC.dylib	0x000000010f4a4c4d 0x10f311000 + 1653837
6	VBoxC.dylib	0x000000010f4a378f 0x10f311000 + 1648527
7	VBoxRT.dylib	0x00000001067766dc 0x10668e000 + 952028
8	VBoxRT.dylib	0x0000000106828132 0x10668e000 + 1679666
9	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
10	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 20:: SHCLIP

```
0 libsystem_kernel.dylib          0x00007fff730298f6 __psynch_cvwait + 10
1 libsystem_pthread.dylib         0x00007fff730ea082 _pthread_cond_wait + 701
2 VBoxRT.dylib                   0x000000001068254c6 0x10668e000 + 1668294
3 VBoxRT.dylib                   0x00000000106776ee9 RTThreadUserWait + 73
4 VBoxSharedClipboard.dylib      0x00000000111c35134 0x111c31000 + 16692
5 VBoxRT.dylib                   0x000000001067766dc 0x10668e000 + 952028
6 VBoxRT.dylib                   0x00000000106828132 0x10668e000 + 1679666
7 libsystem_pthread.dylib         0x00007fff730e9d76 _pthread_start + 125
8 libsystem_pthread.dylib         0x00007fff730e65d7 thread_start + 15
```

Thread 21:: DragAndDropSvc

```
0 libsystem_kernel.dylib          0x00007fff730298f6 __psynch_cvwait + 10
1 libsystem_pthread.dylib         0x00007fff730ea082 _pthread_cond_wait + 701
2 VBoxRT.dylib                   0x00000000106824aeb RTSemEventWait + 539
3 VBoxC.dylib                    0x0000000010f4a39b5 0x10f311000 + 1649077
4 VBoxC.dylib                    0x0000000010f4a40a6 0x10f311000 + 1650854
5 VBoxC.dylib                    0x0000000010f4a4c4d 0x10f311000 + 1653837
6 VBoxC.dylib                    0x0000000010f4a378f 0x10f311000 + 1648527
7 VBoxRT.dylib                   0x000000001067766dc 0x10668e000 + 952028
8 VBoxRT.dylib                   0x00000000106828132 0x10668e000 + 1679666
9 libsystem_pthread.dylib         0x00007fff730e9d76 _pthread_start + 125
10 libsystem_pthread.dylib        0x00007fff730e65d7 thread_start + 15
```

Thread 22:: Timer

```
0 libsystem_kernel.dylib          0x00007fff730298f6 __psynch_cvwait + 10
1 libsystem_pthread.dylib         0x00007fff730ea082 _pthread_cond_wait + 701
2 VBoxRT.dylib                   0x00000000106824a3c RTSemEventWait + 364
3 VBoxRT.dylib                   0x000000001068170ad 0x10668e000 + 1609901
4 VBoxRT.dylib                   0x000000001067766dc 0x10668e000 + 952028
5 VBoxRT.dylib                   0x00000000106828132 0x10668e000 + 1679666
6 libsystem_pthread.dylib         0x00007fff730e9d76 _pthread_start + 125
7 libsystem_pthread.dylib        0x00007fff730e65d7 thread_start + 15
```

Thread 23:: PDMNTx

```
0 libsystem_kernel.dylib          0x00007fff7302a012 __semwait_signal + 10
1 libsystem_c.dylib               0x00007fff72fad122 nanosleep + 196
2 VBoxRT.dylib                   0x000000001068282e3 RTThreadSleep + 67
3 VBoxVMM.dylib                  0x0000000010a5f88aa 0x10a465000 + 1652906
4 VBoxVMM.dylib                  0x0000000010a4d26bf 0x10a465000 + 448191
5 VBoxRT.dylib                   0x000000001067766dc 0x10668e000 + 952028
6 VBoxRT.dylib                   0x00000000106828132 0x10668e000 + 1679666
7 libsystem_pthread.dylib         0x00007fff730e9d76 _pthread_start + 125
8 libsystem_pthread.dylib        0x00007fff730e65d7 thread_start + 15
```

Thread 24:: ShFolders

```
0 libsystem_kernel.dylib          0x00007fff730298f6 __psynch_cvwait + 10
1 libsystem_pthread.dylib         0x00007fff730ea082 _pthread_cond_wait + 701
2 VBoxRT.dylib                   0x00000000106824aeb RTSemEventWait + 539
3 VBoxC.dylib                    0x0000000010f4a39b5 0x10f311000 + 1649077
4 VBoxC.dylib                    0x0000000010f4a40a6 0x10f311000 + 1650854
5 VBoxC.dylib                    0x0000000010f4a4c4d 0x10f311000 + 1653837
6 VBoxC.dylib                    0x0000000010f4a378f 0x10f311000 + 1648527
7 VBoxRT.dylib                   0x000000001067766dc 0x10668e000 + 952028
8 VBoxRT.dylib                   0x00000000106828132 0x10668e000 + 1679666
```


9	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
10	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 25:: GuestControlSvc

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x00000000106824aeb RTSemEventWait + 539
3	VBoxC.dylib	0x0000000010f4a39b5 0x10f311000 + 1649077
4	VBoxC.dylib	0x0000000010f4a40a6 0x10f311000 + 1650854
5	VBoxC.dylib	0x0000000010f4a4c4d 0x10f311000 + 1653837
6	VBoxC.dylib	0x0000000010f4a378f 0x10f311000 + 1648527
7	VBoxRT.dylib	0x000000001067766dc 0x10668e000 + 952028
8	VBoxRT.dylib	0x00000000106828132 0x10668e000 + 1679666
9	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
10	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 26:: GuestPropSvc

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x00000000106824aeb RTSemEventWait + 539
3	VBoxC.dylib	0x0000000010f4a39b5 0x10f311000 + 1649077
4	VBoxC.dylib	0x0000000010f4a40a6 0x10f311000 + 1650854
5	VBoxC.dylib	0x0000000010f4a4c4d 0x10f311000 + 1653837
6	VBoxC.dylib	0x0000000010f4a378f 0x10f311000 + 1648527
7	VBoxRT.dylib	0x000000001067766dc 0x10668e000 + 952028
8	VBoxRT.dylib	0x00000000106828132 0x10668e000 + 1679666
9	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
10	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 27:: GstPropNtfy

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x00000000106824aeb RTSemEventWait + 539
3	VBoxRT.dylib	0x00000000106774342 RTReqQueueProcess + 146
4	VBoxGuestPropSvc.dylib	0x00000000113efd081 0x113ef7000 + 24705
5	VBoxRT.dylib	0x000000001067766dc 0x10668e000 + 952028
6	VBoxRT.dylib	0x00000000106828132 0x10668e000 + 1679666
7	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
8	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 28:: ATA-0

0	libsystem_kernel.dylib	0x00007fff73026aba __ioctl + 10
1	libsystem_kernel.dylib	0x00007fff73026aa7 ioctl + 150
2	VBoxRT.dylib	0x00000000106832d5d 0x10668e000 + 1723741
3	VBoxRT.dylib	0x0000000010682fe27 SUPSemEventWaitNoResume + 135
4	VBoxDD.dylib	0x00000000112e0671a 0x112dda000 + 182042
5	VBoxRT.dylib	0x000000001067766dc 0x10668e000 + 952028
6	VBoxRT.dylib	0x00000000106828132 0x10668e000 + 1679666
7	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
8	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 29:: ATA-1

0	libsystem_kernel.dylib	0x00007fff73026aba __ioctl + 10
1	libsystem_kernel.dylib	0x00007fff73026aa7 ioctl + 150

2	VBoxRT.dylib	0x00000000106832d5d 0x10668e000 + 1723741
3	VBoxRT.dylib	0x0000000010682fe27 SUPSemEventWaitNoResume + 135
4	VBoxDD.dylib	0x00000000112e0671a 0x112dda000 + 182042
5	VBoxRT.dylib	0x000000001067766dc 0x10668e000 + 952028
6	VBoxRT.dylib	0x00000000106828132 0x10668e000 + 1679666
7	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
8	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 30:: NATRX

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x00000000106824aeb RTSemEventWait + 539
3	VBoxDD.dylib	0x00000000112f02f29 0x112dda000 + 1216297
4	VBoxVMM.dylib	0x0000000010a4d26b3 0x10a465000 + 448179
5	VBoxRT.dylib	0x000000001067766dc 0x10668e000 + 952028
6	VBoxRT.dylib	0x00000000106828132 0x10668e000 + 1679666
7	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
8	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 31:: NATURGRX

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x00000000106824aeb RTSemEventWait + 539
3	VBoxDD.dylib	0x00000000112f02f89 0x112dda000 + 1216393
4	VBoxVMM.dylib	0x0000000010a4d26b3 0x10a465000 + 448179
5	VBoxRT.dylib	0x000000001067766dc 0x10668e000 + 952028
6	VBoxRT.dylib	0x00000000106828132 0x10668e000 + 1679666
7	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
8	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 32:: HOSTRES

0	libsystem_kernel.dylib	0x00007fff730298f6 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082 _pthread_cond_wait + 701
2	VBoxRT.dylib	0x00000000106824aeb RTSemEventWait + 539
3	VBoxRT.dylib	0x00000000106774342 RTReqQueueProcess + 146
4	VBoxDD.dylib	0x00000000112f02ff1 0x112dda000 + 1216497
5	VBoxVMM.dylib	0x0000000010a4d26b3 0x10a465000 + 448179
6	VBoxRT.dylib	0x000000001067766dc 0x10668e000 + 952028
7	VBoxRT.dylib	0x00000000106828132 0x10668e000 + 1679666
8	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
9	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 33:: NAT

0	libsystem_kernel.dylib	0x00007fff7302e59e poll + 10
1	VBoxDD.dylib	0x00000000112f03134 0x112dda000 + 1216820
2	VBoxVMM.dylib	0x0000000010a4d26b3 0x10a465000 + 448179
3	VBoxRT.dylib	0x000000001067766dc 0x10668e000 + 952028
4	VBoxRT.dylib	0x00000000106828132 0x10668e000 + 1679666
5	libsystem_pthread.dylib	0x00007fff730e9d76 _pthread_start + 125
6	libsystem_pthread.dylib	0x00007fff730e65d7 thread_start + 15

Thread 34:: com.apple.NSEventThread

0	libsystem_kernel.dylib	0x00007fff73026146 mach_msg_trap + 10
1	libsystem_kernel.dylib	0x00007fff730266ac mach_msg + 60

2	com.apple.CoreFoundation	0x00007fff3bbddf19b	__CFRunLoopServiceMachPort + 322
3	com.apple.CoreFoundation	0x00007fff3bbde737	__CFRunLoopRun + 1695
4	com.apple.CoreFoundation	0x00007fff3bbdde13	CFRunLoopRunSpecific + 499
5	com.apple.AppKit	0x00007fff38e08026	_NSEventThread + 132
6	libsystem_pthread.dylib	0x00007fff730e9d76	_pthread_start + 125
7	libsystem_pthread.dylib	0x00007fff730e65d7	thread_start + 15

Thread 35:: nspr-3

0	libsystem_kernel.dylib	0x00007fff730298f6	__psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff730ea082	_pthread_cond_wait + 701
2	VBoxXPCOM.dylib	0x0000000010a7eddf	PR_WaitCondVar + 254
3	VBoxXPCOM.dylib	0x0000000010a7ee2ad	PR_Wait + 61
4	VBoxXPCOMIPCC.dylib	0x0000000010f2f77b8	0x10f2ec000 + 47032
5	VBoxXPCOM.dylib	0x0000000010a7c2209	0x10a75e000 + 410121
6	VBoxXPCOM.dylib	0x0000000010a7efa96	0x10a75e000 + 596630
7	VBoxRT.dylib	0x000000001067766dc	0x10668e000 + 952028
8	VBoxRT.dylib	0x00000000106828132	0x10668e000 + 1679666
9	libsystem_pthread.dylib	0x00007fff730e9d76	_pthread_start + 125
10	libsystem_pthread.dylib	0x00007fff730e65d7	thread_start + 15

Thread 1 crashed with X86 Thread State (64-bit):

rax: 0x000000007a0080000 rbx: 0x00007f9c7b2eedc0 rcx: 0x00007fff976cf4a0 rdx:
 0x00007fff976d2b10
 rdi: 0x00007f9c7b2f1230 rsi: 0x00007fff7c9685b3 rbp: 0x0000700003d78a20 rsp:
 0x0000700003d789f8
 r8: 0x00007f9c7bac9fa0 r9: 0x0000000000000007f r10: 0x00000000111be6c48 r11:
 0x00000000111bd34cd
 r12: 0x00007f9c7b2eedc0 r13: 0x00007fff9fbbd001 r14: 0x00000000000000001 r15:
 0x00007fff9fbbdb00
 rip: 0x00007fff71b74598 rfi: 0x00000000000010206 cr2: 0x000000007a0080020

Logical CPU: 0

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

Trap Number: 14

Binary Images:

0x106651000 - 0x106672ff7 +org.virtualbox.app.VirtualBoxVM (6.0.12 - 6.0.12)
 <0ED710D1-15CE-3432-97C3-40B0DD778F9B> /Applications/VirtualBox.app/Contents/
 Resources/VirtualBoxVM.app/Contents/MacOS/VirtualBoxVM
 0x10668e000 - 0x106bee347 +VBoxRT.dylib (0) <44B42923-83C4-366C-
 AE1F-813AE54FEE60> /Applications/VirtualBox.app/Contents/MacOS/VBoxRT.dylib
 0x106d03000 - 0x106df0ff7 +VirtualBoxVM.dylib (0) <2B18B9FF-
 A9BA-35AC-94F4-2EF406259714> /Applications/VirtualBox.app/Contents/MacOS/
 VirtualBoxVM.dylib
 0x106e49000 - 0x106e52ff7 +org.qt-project.QtMacExtrasVBox (5.6 - 5.6.3)
 <AC6F0DC8-BF41-3A20-B803-656B301B8CDF> /Applications/VirtualBox.app/Contents/
 Frameworks/QtMacExtrasVBox.framework/Versions/5/QtMacExtrasVBox
 0x106e5b000 - 0x107382ff7 +org.qt-project.QtCoreVBox (5.6 - 5.6.3)
 <3A7A08E0-9422-393E-BD97-FD15E751434C> /Applications/VirtualBox.app/Contents/
 Frameworks/QtCoreVBox.framework/Versions/5/QtCoreVBox

0x107438000 - 0x107913ff7 +org.qt-project.QtGuiVBox (5.6 - 5.6.3)
 <80F8D761-23D7-381D-B8D5-1C0C130F7876> /Applications/VirtualBox.app/Contents/
 Frameworks/QtGuiVBox.framework/Versions/5/QtGuiVBox
 0x107a07000 - 0x107f10fff +org.qt-project.QtWidgetsVBox (5.6 - 5.6.3)
 <5DFD063A-1901-39D3-90FB-138EFE7C6A9E> /Applications/VirtualBox.app/Contents/
 Frameworks/QtWidgetsVBox.framework/Versions/5/QtWidgetsVBox
 0x108073000 - 0x1080a7fff +org.qt-project.QtPrintSupportVBox (5.6 - 5.6.3)
 <4C8D48EF-FC21-3BE7-895F-584399F0B308> /Applications/VirtualBox.app/Contents/
 Frameworks/QtPrintSupportVBox.framework/Versions/5/QtPrintSupportVBox
 0x1080cb000 - 0x10810afff +org.qt-project.QtOpenGLVBox (5.6 - 5.6.3) <F75D0235-
 BFE7-3966-A3C4-CFEA758B9A71> /Applications/VirtualBox.app/Contents/Frameworks/
 QtOpenGLVBox.framework/Versions/5/QtOpenGLVBox
 0x10812d000 - 0x108180fff +VBoxDDU.dylib (0) <5DCF996A-036C-3DF7-
 A65F-4FDA755B5DFA> /Applications/VirtualBox.app/Contents/MacOS/VBoxDDU.dylib
 0x10818c000 - 0x10a2c2fff +VBoxGlobal.dylib (0) <66B224F5-CBE3-3D76-9DB1-
 A9D430E041A5> /Applications/VirtualBox.app/Contents/MacOS/VBoxGlobal.dylib
 0x10a465000 - 0x10a6e7fff +VBoxVMM.dylib (0)
 <1A356DAB-4305-30E8-84C1-579E86EEF107> /Applications/VirtualBox.app/Contents/
 MacOS/VBoxVMM.dylib
 0x10a75e000 - 0x10a80fff7 +VBoxXPCOM.dylib (0) <817EE585-D05F-373A-
 B68D-200A0C997CDF> /Applications/VirtualBox.app/Contents/MacOS/VBoxXPCOM.dylib
 0x10b7cb000 - 0x10b90afff +libqcocoa.dylib (0) <FA226E50-20A3-3C6D-
 B04E-9262D65300BC> /Applications/VirtualBox.app/Contents/plugins/platforms/
 libqcocoa.dylib
 0x10cbe2000 - 0x10cbe5047 libobjc-trampolines.dylib (779.1)
 <F68D1952-845D-34A4-858E-B195DBF4805D> /usr/lib/libobjc-trampolines.dylib
 0x10cbf0000 - 0x10cbf3fff +VBoxSVC.dylib (0) <55D3234B-0B5B-3AED-
 AA2E-3F0528414687> /Applications/VirtualBox.app/Contents/MacOS/components/
 VBoxSVC.dylib
 0x10cc02000 - 0x10cc9093f dyld (732.8) <42C11B81-6928-369F-B03E-
 D57355572700> /usr/lib/dyld
 0x10f227000 - 0x10f234fff +VBoxSharedFolders.dylib (0)
 <C09B4AB1-0296-337D-8DDA-891E5D38D2F8> /Applications/VirtualBox.app/Contents/
 MacOS/VBoxSharedFolders.dylib
 0x10f23b000 - 0x10f240fff +VBoxGuestControlSvc.dylib (0) <91B6F483-
 AAAA-32FB-8F44-3D094E99E8E3> /Applications/VirtualBox.app/Contents/MacOS/
 VBoxGuestControlSvc.dylib
 0x10f2ec000 - 0x10f303fff +VBoxXPCOMIPCC.dylib (0) <3F5A7F5F-392A-3855-8091-
 EAD834051036> /Applications/VirtualBox.app/Contents/MacOS/components/
 VBoxXPCOMIPCC.dylib
 0x10f311000 - 0x10f709fff +VBoxC.dylib (0) <B1A67512-FDC8-38A5-84F2-
 D8AA9EB23C53> /Applications/VirtualBox.app/Contents/MacOS/components/VBoxC.dylib
 0x10f793000 - 0x10f795fff +VBoxPUELMainVM.dylib (0)
 <CE286393-79E4-3E6E-8922-4A933C4397E5> /Applications/VirtualBox.app/Contents/
 MacOS/ExtensionPacks/Oracle_VM_VirtualBox_Extension_Pack/darwin.amd64/
 VBoxPUELMainVM.dylib
 0x1104e6000 - 0x110559fff +VBoxVRDP.dylib (0)
 <BB91BAC8-4570-303E-9107-600CF870D350> /Applications/VirtualBox.app/Contents/
 MacOS/ExtensionPacks/Oracle_VM_VirtualBox_Extension_Pack/darwin.amd64/
 VBoxVRDP.dylib
 0x111bd0000 - 0x111be2fff com.apple.iokit.IOHIDLib (2.0.0 - 2.0.0)
 <DEF2C444-07CF-32FF-81C0-AB471C55EFB0> /System/Library/Extensions/
 IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin/Contents/MacOS/IOHIDLib

0x111c31000 - 0x111c36fff +VBoxSharedClipboard.dylib (0)
<7EF46DA7-25D9-3E58-80F1-41F35DAE562D> /Applications/VirtualBox.app/Contents/
MacOS/VBoxSharedClipboard.dylib
0x111c3c000 - 0x111c43fff +VBoxDragAndDropSvc.dylib (0) <486313E2-
D242-32CB-878C-1EB2F35FD30F> /Applications/VirtualBox.app/Contents/MacOS/
VBoxDragAndDropSvc.dylib
0x111c4d000 - 0x111c70ff7 +VBoxHostWebcam.dylib (0)
<17590F9F-9794-362E-8C62-578DC28C0EEC> /Applications/VirtualBox.app/Contents/
MacOS/ExtensionPacks/Oracle_VM_VirtualBox_Extension_Pack/darwin.amd64/
VBoxHostWebcam.dylib
0x112dda000 - 0x113129fff +VBoxDD.dylib (0)
<94B8B3E4-5B8D-342A-9E6D-0CEDC6BBC4F5> /Applications/VirtualBox.app/Contents/
MacOS/VBoxDD.dylib
0x1137bb000 - 0x113812ff7 +VBoxDD2.dylib (0) <8AE831BF-11EF-3DC0-B31E-
BC1B6EFC13CF> /Applications/VirtualBox.app/Contents/MacOS/VBoxDD2.dylib
0x113818000 - 0x113829fff +VBoxEhciR3.dylib (0)
<8EBE5D51-1BB4-39F0-99FA-2D9FD22510DD> /Applications/VirtualBox.app/Contents/
MacOS/ExtensionPacks/Oracle_VM_VirtualBox_Extension_Pack/darwin.amd64/
VBoxEhciR3.dylib
0x11382e000 - 0x113839ff7 +VBoxNvmeR3.dylib (0) <BE5FF50A-1122-3A61-8504-
FC19E2E5F988> /Applications/VirtualBox.app/Contents/MacOS/ExtensionPacks/
Oracle_VM_VirtualBox_Extension_Pack/darwin.amd64/VBoxNvmeR3.dylib
0x11383d000 - 0x113849fff +VBoxUsbCardReaderR3.dylib (0) <AD3E1939-
B325-3A8D-A571-A3179BB0CD32> /Applications/VirtualBox.app/Contents/MacOS/
ExtensionPacks/Oracle_VM_VirtualBox_Extension_Pack/darwin.amd64/
VBoxUsbCardReaderR3.dylib
0x11384c000 - 0x113858ff7 +VBoxUsbWebcamR3.dylib (0) <4CC64783-6A10-3ED0-
B5C9-B759CFFAE3EB> /Applications/VirtualBox.app/Contents/MacOS/ExtensionPacks/
Oracle_VM_VirtualBox_Extension_Pack/darwin.amd64/VBoxUsbWebcamR3.dylib
0x113ef7000 - 0x113efefff +VBoxGuestPropSvc.dylib (0) <F3F97A42-
F200-35D9-9784-A1256DFE7619> /Applications/VirtualBox.app/Contents/MacOS/
VBoxGuestPropSvc.dylib
0x1149c7000 - 0x1149cbff7 +VDPluginCrypt.dylib (0)
<1D1D34F1-0821-34FB-8998-9888E46D6C5A> /Applications/VirtualBox.app/Contents/
MacOS/ExtensionPacks/Oracle_VM_VirtualBox_Extension_Pack/darwin.amd64/
VDPluginCrypt.dylib
0x7fff32dc4000 - 0x7fff32ec4ffd com.apple.driver.AppleIntelBDWGraphicsMTLDriver
(14.0.69 - 14.0.0) <12209D89-8C46-3109-A3A5-24AFE2900B94> /System/Library/Extensions/
AppleIntelBDWGraphicsMTLDriver.bundle/Contents/MacOS/
AppleIntelBDWGraphicsMTLDriver
0x7fff375a2000 - 0x7fff375a6ffb com.apple.agl (3.3.3 - AGL-3.3.3)
<A38100EB-7826-38EF-BEC1-E8AEC8681565> /System/Library/Frameworks/AGL.framework/
Versions/A/AGL
0x7fff375a7000 - 0x7fff3779eff2 com.apple.avfoundation (2.0 - 1722.27.4.5)
<EC398B56-6AFF-3B51-837C-E2F9999097EA> /System/Library/Frameworks/
AVFoundation.framework/Versions/A/AVFoundation
0x7fff3779f000 - 0x7fff3786aff8 com.apple.audio.AVFAudio (1.0 - ???)
<2ED23D7A-9635-3D52-BEFE-3044062B023A> /System/Library/Frameworks/
AVFoundation.framework/Versions/A/Frameworks/AVFAudio.framework/Versions/A/AVFAudio
0x7fff3798a000 - 0x7fff3798afff com.apple.Accelerate (1.11 - Accelerate 1.11)
<956D070C-B522-3A08-891A-CAD6BA4082D1> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Accelerate
0x7fff3798b000 - 0x7fff379a1ff7 libCGInterfaces.dylib (524.2)
<7F08322A-4AA0-3677-91CD-9D1588BDBE39> /System/Library/Frameworks/

Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/Libraries/
 libCGInterfaces.dylib
 0x7fff379a2000 - 0x7fff3800dfdf com.apple.vImage (8.1 - 524.2) <45A48EA9-49AA-33A0-B830-AF754BD01009> /System/Library/Frameworks/Accelerate.framework/Versions/A/
 Frameworks/vImage.framework/Versions/A/vImage
 0x7fff3800e000 - 0x7fff38276fff libBLAS.dylib (1303)
 <112B19CC-925A-3E28-8B32-2002D30A37FA> /System/Library/Frameworks/
 Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBLAS.dylib
 0x7fff38277000 - 0x7fff38566fdf libBNNS.dylib (144.11.2) <A806AED9-837B-3C6C-
 AB0B-A41983C1CD07> /System/Library/Frameworks/Accelerate.framework/Versions/A/
 Frameworks/vecLib.framework/Versions/A/libBNNS.dylib
 0x7fff38568000 - 0x7fff3890dfff libLAPACK.dylib (1303) <5C248B39-F233-3074-A3A5-
 AF8F436FBF87> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/
 vecLib.framework/Versions/A/libLAPACK.dylib
 0x7fff3890e000 - 0x7fff38923ff8 libLinearAlgebra.dylib (1303) <C21931B4-F6BD-324D-
 A2D9-F13EE8AFB29E> /System/Library/Frameworks/Accelerate.framework/Versions/A/
 Frameworks/vecLib.framework/Versions/A/libLinearAlgebra.dylib
 0x7fff38924000 - 0x7fff38929ff3 libQuadrature.dylib (7) <826897ED-B7AD-33DC-B9CB-
 F9787784F312> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/
 vecLib.framework/Versions/A/libQuadrature.dylib
 0x7fff3892a000 - 0x7fff3899afff libSparse.dylib (103)
 <55467C29-2096-36AB-8A6D-5231A342809D> /System/Library/Frameworks/
 Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libSparse.dylib
 0x7fff3899b000 - 0x7fff389adfff libSparseBLAS.dylib (1303) <3244FCAF-A1FE-3248-
 AF22-BFB3E9D12555> /System/Library/Frameworks/Accelerate.framework/Versions/A/
 Frameworks/vecLib.framework/Versions/A/libSparseBLAS.dylib
 0x7fff389ae000 - 0x7fff38b87ffb libvDSP.dylib (735) <E849AEB0-2995-38A4-
 B0C3-4ACEAF434D12> /System/Library/Frameworks/Accelerate.framework/Versions/A/
 Frameworks/vecLib.framework/Versions/A/libvDSP.dylib
 0x7fff38b88000 - 0x7fff38c43fd3 libvMisc.dylib (735)
 <D6248EC4-7772-37BB-87F7-9BAB7F5D31A0> /System/Library/Frameworks/
 Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvMisc.dylib
 0x7fff38c44000 - 0x7fff38c44fff com.apple.Accelerate.vecLib (3.11 - vecLib 3.11)
 <79C1A1C7-E97A-3B7A-8737-444B402A7AA0> /System/Library/Frameworks/
 Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/vecLib
 0x7fff38c45000 - 0x7fff38ca3ffc com.apple.Accounts (113 - 113)
 <33BCDB9E-2E27-3D12-B895-826145D156BC> /System/Library/Frameworks/
 Accounts.framework/Versions/A/Accounts
 0x7fff38de9000 - 0x7fff39b95ff9 com.apple.AppKit (6.9 - 1894) <1F4FBEF8-F3AC-31C2-
 BF04-381BC72E36D1> /System/Library/Frameworks/AppKit.framework/Versions/C/AppKit
 0x7fff39be5000 - 0x7fff39be5fff com.apple.ApplicationServices (48 - 50) <E6AA41A2-
 C79F-3304-9A61-5500561D876D> /System/Library/Frameworks/
 ApplicationServices.framework/Versions/A/ApplicationServices
 0x7fff39be6000 - 0x7fff39c51fff com.apple.ApplicationServices.ATS (377 - 493)
 <0EB214FD-E4D6-3045-A0A6-DCBCAE5F4165> /System/Library/Frameworks/
 ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/ATS
 0x7fff39cea000 - 0x7fff39d28ffa libFontRegistry.dylib (274) <1A3CE39E-14E7-338E-
 B1E5-7FA79B9B0065> /System/Library/Frameworks/ApplicationServices.framework/Versions/
 A/Frameworks/ATS.framework/Versions/A/Resources/libFontRegistry.dylib
 0x7fff39d83000 - 0x7fff39db2ff7 com.apple.ATSUI (1.0 - 1)
 <9391C527-15CE-3108-8922-CF0C2A50C082> /System/Library/Frameworks/
 ApplicationServices.framework/Versions/A/Frameworks/ATSUI.framework/Versions/A/ATSUI
 0x7fff39db3000 - 0x7fff39db7ff3 com.apple.ColorSyncLegacy (4.13.0 - 1)
 <EBA4F56C-3C82-3788-A168-3E77E116724B> /System/Library/Frameworks/

ApplicationServices.framework/Versions/A/Frameworks/ColorSyncLegacy.framework/Versions/
 A/ColorSyncLegacy
 0x7fff39e52000 - 0x7fff39ea8ffa com.apple.HIServices (1.22 - 672)
 <C07B87F9-1D7B-3EC9-AC11-E97003ACDCD2> /System/Library/Frameworks/
 ApplicationServices.framework/Versions/A/Frameworks/HIServices.framework/Versions/A/
 HIServices
 0x7fff39ea9000 - 0x7fff39eb7fff com.apple.LangAnalysis (1.7.0 - 1.7.0) <C808B42C-
 C139-34C1-997F-032992D89762> /System/Library/Frameworks/
 ApplicationServices.framework/Versions/A/Frameworks/LangAnalysis.framework/Versions/A/
 LangAnalysis
 0x7fff39eb8000 - 0x7fff39efdff2 com.apple.print.framework.PrintCore (15 - 516)
 <43213BE5-C5E1-3AA8-8AFD-949AFF9FB2C5> /System/Library/Frameworks/
 ApplicationServices.framework/Versions/A/Frameworks/PrintCore.framework/Versions/A/
 PrintCore
 0x7fff39efe000 - 0x7fff39f08fff com.apple.QD (4.0 - 413)
 <EFC01D3C-9012-3FCF-9149-457F530A43F0> /System/Library/Frameworks/
 ApplicationServices.framework/Versions/A/Frameworks/QD.framework/Versions/A/QD
 0x7fff39f09000 - 0x7fff39f16ff0 com.apple.speech.synthesis.framework (9.0.22 - 9.0.22)
 <CEA12143-A5DB-369B-B623-601CB9C9973B> /System/Library/Frameworks/
 ApplicationServices.framework/Versions/A/Frameworks/SpeechSynthesis.framework/Versions/
 A/SpeechSynthesis
 0x7fff39f17000 - 0x7fff39ff7ffa com.apple.audio.toolbox.AudioToolbox (1.14 - 1.14)
 <83A9998E-0669-326F-BA80-350FC70912E6> /System/Library/Frameworks/
 AudioToolbox.framework/Versions/A/AudioToolbox
 0x7fff39ff9000 - 0x7fff39ff9fff com.apple.audio.units.AudioUnit (1.14 - 1.14)
 <AF1C9FB7-8A3C-367A-B9AB-8BF267DF79A7> /System/Library/Frameworks/
 AudioUnit.framework/Versions/A/AudioUnit
 0x7fff3a36f000 - 0x7fff3a6e5ffe com.apple.CFNetwork (1111 - 1111)
 <642753C5-5D26-3794-9A4C-4F63F226C01A> /System/Library/Frameworks/
 CFNetwork.framework/Versions/A/CFNetwork
 0x7fff3a75b000 - 0x7fff3a75bfff com.apple.Carbon (160 - 162)
 <098C0BD4-184D-3DAD-9915-89A5F172354F> /System/Library/Frameworks/
 Carbon.framework/Versions/A/Carbon
 0x7fff3a75c000 - 0x7fff3a75ffff com.apple.CommonPanels (1.2.6 - 101) <930A9DD4-
 B4BF-3D73-8B81-2D46018BB2E4> /System/Library/Frameworks/Carbon.framework/Versions/
 A/Frameworks/CommonPanels.framework/Versions/A/CommonPanels
 0x7fff3a760000 - 0x7fff3aa54ff9 com.apple.HIToolbox (2.1.1 - 992.1)
 <0EA6CBC4-33C5-3BA7-B37A-1C9D5F103796> /System/Library/Frameworks/
 Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox
 0x7fff3aa55000 - 0x7fff3aa58ff3 com.apple.help (1.3.8 - 68)
 <CA52ABA0-636A-39AA-98C0-A1B901A5F4F4> /System/Library/Frameworks/
 Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help
 0x7fff3aa59000 - 0x7fff3aa5eff7 com.apple.ImageCapture (9.0 - 1600.1.4.3)
 <87D0FDEE-8876-3E61-B349-EEB4160EBC19> /System/Library/Frameworks/
 Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/A/
 ImageCapture
 0x7fff3aa5f000 - 0x7fff3aa5ffff com.apple.ink.framework (10.15 - 227) <BA11FA6C-
 AEAA-3688-8812-9CA16EA11D03> /System/Library/Frameworks/Carbon.framework/Versions/
 A/Frameworks/Ink.framework/Versions/A/Ink
 0x7fff3aa60000 - 0x7fff3aa7aff2 com.apple.openscripting (1.7 - 185) <40F68E23-
 E438-31DC-8C8A-D2F6FBA9BBD0> /System/Library/Frameworks/Carbon.framework/
 Versions/A/Frameworks/OpenScripting.framework/Versions/A/OpenScripting

0x7fff3aa9b000 - 0x7fff3aa9bfff com.apple.print.framework.Print (15 - 271)
<CB0E6F07-19E3-3207-9B7B-267F04DF6F73> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/Print.framework/Versions/A/Print
0x7fff3aa9c000 - 0x7fff3aa9eff7 com.apple.securityhi (9.0 - 55008)
<E8AE6A05-5F07-3300-9FEA-8C29C0B45566> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/SecurityHI.framework/Versions/A/SecurityHI
0x7fff3aa9f000 - 0x7fff3aaa5ff7 com.apple.speech.recognition.framework (6.0.3 - 6.0.3)
<819268CF-2A9D-3321-A826-535CB1F1E694> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/Versions/A/
SpeechRecognition
0x7fff3ac3f000 - 0x7fff3ac3ffff com.apple.Cocoa (6.11 - 23) <257CF015-7450-3FD1-
AC41-AB55139F3036> /System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa
0x7fff3ac4d000 - 0x7fff3ae38ff7 com.apple.ColorSync (4.13.0 - 3394.1.4.1) <32A1AEE9-
C3AA-3535-9C72-D89955D2DE85> /System/Library/Frameworks/ColorSync.framework/
Versions/A/ColorSync
0x7fff3b124000 - 0x7fff3b633ffa com.apple.audio.CoreAudio (5.0 - 5.0)
<88827CE9-4055-3E5F-B7C1-4E9314E6D05C> /System/Library/Frameworks/
CoreAudio.framework/Versions/A/CoreAudio
0x7fff3b686000 - 0x7fff3b6bdff2 com.apple.CoreBluetooth (1.0 - 1)
<7FBF1402-074C-3192-95AD-5F25FE5ECD8A> /System/Library/Frameworks/
CoreBluetooth.framework/Versions/A/CoreBluetooth
0x7fff3b6be000 - 0x7fff3ba98fe8 com.apple.CoreData (120 - 969.3)
<7E7B66BF-2A83-3D66-8674-7F58C369B61D> /System/Library/Frameworks/
CoreData.framework/Versions/A/CoreData
0x7fff3ba99000 - 0x7fff3bba3ff6 com.apple.CoreDisplay (1.0 - 107) <722EBF44-
A989-3079-A03C-8421B10E441F> /System/Library/Frameworks/CoreDisplay.framework/
Versions/A/CoreDisplay
0x7fff3bba4000 - 0x7fff3c023ff7 com.apple.CoreFoundation (6.9 - 1671.15)
<BF8A8279-9C5E-37C6-8426-90C8182EFBDD> /System/Library/Frameworks/
CoreFoundation.framework/Versions/A/CoreFoundation
0x7fff3c025000 - 0x7fff3c69eff8 com.apple.CoreGraphics (2.0 - 1348.4.4.7)
<5790BE2E-049E-39BA-B191-611CF7ECD017> /System/Library/Frameworks/
CoreGraphics.framework/Versions/A/CoreGraphics
0x7fff3c6ac000 - 0x7fff3ca08ff2 com.apple.CoreImage (15.0.0 - 900.6)
<12E02841-0FB0-30F5-8444-FD925B0DE49E> /System/Library/Frameworks/
CoreImage.framework/Versions/A/CoreImage
0x7fff3cdc7000 - 0x7fff3cea1ffc com.apple.CoreMedia (1.0 - 2501.27.4.9) <DB64ACDB-
E938-39AA-AEB9-C0D9EDB549B0> /System/Library/Frameworks/CoreMedia.framework/
Versions/A/CoreMedia
0x7fff3cea2000 - 0x7fff3cf03ff6 com.apple.CoreMediaIO (1000.0 - 5125.1) <7434E383-
DA51-33B0-B88A-ACD4BF5EB565> /System/Library/Frameworks/CoreMediaIO.framework/
Versions/A/CoreMediaIO
0x7fff3cf8b000 - 0x7fff3cf8bfff com.apple.CoreServices (1069.2 - 1069.2) <C5F7AABC-
BADC-3331-A7D6-9B0A82A23E58> /System/Library/Frameworks/CoreServices.framework/
Versions/A/CoreServices
0x7fff3cf8c000 - 0x7fff3d011ff7 com.apple.AE (838 - 838)
<7295ED82-7087-3602-9DCA-4FE205F6499C> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/AE.framework/Versions/A/AE
0x7fff3d012000 - 0x7fff3d2f3fff com.apple.CoreServices.CarbonCore (1217 - 1217)
<7AA0ECB3-0993-3081-A9EC-0365EF72B24D> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/CarbonCore.framework/Versions/A/
CarbonCore

0x7fff3d2f4000 - 0x7fff3d341ff1 com.apple.DictionaryServices (1.2 - 321) <3D0FFBDE-E425-37C7-B780-39A3D024462A> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/DictionaryServices.framework/Versions/A/DictionaryServices

0x7fff3d342000 - 0x7fff3d34aff7 com.apple.CoreServices.FSEvents (1268.0.6 - 1268.0.6) <78D2AB1A-9053-3D32-8C18-C1DD31FF9400> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/FSEvents.framework/Versions/A/FSEvents

0x7fff3d34b000 - 0x7fff3d583ff1 com.apple.LaunchServices (1069.2 - 1069.2) <68B4C10C-D536-33E9-9719-E7BA5B753F2B> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/LaunchServices.framework/Versions/A/LaunchServices

0x7fff3d584000 - 0x7fff3d61cff1 com.apple.Metadata (10.7.0 - 2066.12) <249EA615-8446-3A36-B6B7-ED613C8B8148> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/Metadata.framework/Versions/A/Metadata

0x7fff3d61d000 - 0x7fff3d64aff7 com.apple.CoreServices.OSServices (1069.2 - 1069.2) <2FECF3BA-B785-35E2-85E9-2A2267801AA4> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/OSServices.framework/Versions/A/OSServices

0x7fff3d64b000 - 0x7fff3d6b2fff com.apple.SearchKit (1.4.1 - 1.4.1) <0068BD72-CF2B-34E4-B461-002D5E56C31C> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/Versions/A/SearchKit

0x7fff3d6b3000 - 0x7fff3d6d7ffd com.apple.coreservices.SharedFileList (131 - 131) <61F62948-4109-38F0-BB91-5EBB6BEEAB10> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SharedFileList.framework/Versions/A/SharedFileList

0x7fff3d9ff000 - 0x7fff3dbb3ffe com.apple.CoreText (643.1.0.2 - 643.1.0.2) <83B0B75B-7B4A-315D-BC8B-8CB2E5D16EB8> /System/Library/Frameworks/CoreText.framework/Versions/A/CoreText

0x7fff3dbb4000 - 0x7fff3dbf8fff com.apple.CoreVideo (1.8 - 334.0) <54CC4AD8-7F5C-37D5-A26D-9C8C8A72BD41> /System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo

0x7fff3dbf9000 - 0x7fff3dc86ff1 com.apple.framework.CoreWLAN (13.0 - 1448) <ACDBCA1F-3B08-3FC7-94CC-0EBC442AD0C9> /System/Library/Frameworks/CoreWLAN.framework/Versions/A/CoreWLAN

0x7fff3df2c000 - 0x7fff3df32ff7 com.apple.DiskArbitration (2.7 - 2.7) <23104F29-F120-354B-97BE-4514A675BB14> /System/Library/Frameworks/DiskArbitration.framework/Versions/A/DiskArbitration

0x7fff3e125000 - 0x7fff3e247fff com.apple.FileProvider (253 - 253) <A87AADFF-4F14-3AD8-826B-98652EAC99AD> /System/Library/Frameworks/FileProvider.framework/Versions/A/FileProvider

0x7fff3e25f000 - 0x7fff3e626ff3 com.apple.Foundation (6.9 - 1671.15) <4BEAB72D-10AA-3009-B0F5-B82B4FE1C441> /System/Library/Frameworks/Foundation.framework/Versions/C/Foundation

0x7fff3e693000 - 0x7fff3e6c2ff3 com.apple.GSS (4.0 - 2.0) <9520F096-C643-36D7-B8CB-3922B6E6D7EC> /System/Library/Frameworks/GSS.framework/Versions/A/GSS

0x7fff3e7fc000 - 0x7fff3e914ffd com.apple.Bluetooth (7.0.0 - 7.0.0f8) <A80D68E6-051D-3C23-BF71-74F61CF98DD5> /System/Library/Frameworks/IOBluetooth.framework/Versions/A/IOBluetooth

0x7fff3e978000 - 0x7fff3ea1bffb com.apple.framework.IOKit (2.0.2 - 1726.11.1) <9E81E92C-7EC2-330F-B0AF-BBFD9D3E46F6> /System/Library/Frameworks/IOKit.framework/Versions/A/IOKit

0x7fff3ea1d000 - 0x7fff3ea2dff4 com.apple.IOSurface (269.6 - 269.6) <1E49AD7D-6067-3599-B015-765047D58C13> /System/Library/Frameworks/IOSurface.framework/Versions/A/IOSurface

0x7fff3eaa0000 - 0x7fff3ebfbffe com.apple.ImageIO.framework (3.3.0 - 1972.3.4.5)
 <5A42B908-2C44-3E65-A465-C6A219264F01> /System/Library/Frameworks/
 ImageIO.framework/Versions/A/ImageIO
 0x7fff3ebfc000 - 0x7fff3ebfffff libGIF.dylib (1972.3.4.5)
 <70153F11-6934-32DE-952B-290C6DDC5F1C> /System/Library/Frameworks/
 ImageIO.framework/Versions/A/Resources/libGIF.dylib
 0x7fff3ec00000 - 0x7fff3ecbafef libJP2.dylib (1972.3.4.5) <A354ED67-BECA-3368-
 AA2A-4643BBDF6425> /System/Library/Frameworks/ImageIO.framework/Versions/A/
 Resources/libJP2.dylib
 0x7fff3ecbb000 - 0x7fff3ecdffef libJPEG.dylib (1972.3.4.5)
 <3DC331DE-874D-3347-94F6-DDBF2D793C9A> /System/Library/Frameworks/
 ImageIO.framework/Versions/A/Resources/libJPEG.dylib
 0x7fff3ef5d000 - 0x7fff3ef77fe7 libPng.dylib (1972.3.4.5) <23E2F503-7300-3C99-BD21-
 A6449610AD50> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/
 libPng.dylib
 0x7fff3ef78000 - 0x7fff3ef79fff libRadiance.dylib (1972.3.4.5) <CB962B42-BBDB-3CE2-
 A120-BF9208FB0A13> /System/Library/Frameworks/ImageIO.framework/Versions/A/
 Resources/libRadiance.dylib
 0x7fff3ef7a000 - 0x7fff3efc3fef libTIFF.dylib (1972.3.4.5) <8E68D57C-6C0D-358E-9AF3-
 FD80D3378720> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/
 libTIFF.dylib
 0x7fff403de000 - 0x7fff403f0ff3 com.apple.Kerberos (3.0 - 1) <91DF5D16-E721-39F0-
 A77B-87DA6032F870> /System/Library/Frameworks/Kerberos.framework/Versions/A/Kerberos
 0x7fff403f1000 - 0x7fff403f1fff libHeimdalProxy.dylib (77) <51DB9CFB-808F-32E8-
 BB34-39F6702DBDED> /System/Library/Frameworks/Kerberos.framework/Versions/A/
 Libraries/libHeimdalProxy.dylib
 0x7fff40782000 - 0x7fff4078cfff com.apple.MediaAccessibility (1.0 - 125) <DAF5DD8F-
 A725-320E-8D7E-2C39CBE33F44> /System/Library/Frameworks/
 MediaAccessibility.framework/Versions/A/MediaAccessibility
 0x7fff40855000 - 0x7fff40f95fff com.apple.MediaToolbox (1.0 - 2501.27.4.9)
 <4B3070DE-5CC6-3B85-97F5-3E4FD3DB2AF4> /System/Library/Frameworks/
 MediaToolbox.framework/Versions/A/MediaToolbox
 0x7fff40f97000 - 0x7fff41059ff1 com.apple.Metal (211.53 - 211.53)
 <A4C00DD5-73DD-3CFA-A515-EE9955CAD651> /System/Library/Frameworks/
 Metal.framework/Versions/A/Metal
 0x7fff41076000 - 0x7fff410b2ff3 com.apple.MetalPerformanceShaders.MPSCore (1.0 - 1)
 <54EC6486-7A3E-39D3-B213-EFCC4110E511> /System/Library/Frameworks/
 MetalPerformanceShaders.framework/Frameworks/MPSCore.framework/Versions/A/MPSCore
 0x7fff410b3000 - 0x7fff41139fe6 com.apple.MetalPerformanceShaders.MPSImage (1.0 -
 1) <144A9994-9AD3-340D-A890-C7F10DDEF489> /System/Library/Frameworks/
 MetalPerformanceShaders.framework/Frameworks/MPSImage.framework/Versions/A/
 MPSImage
 0x7fff4113a000 - 0x7fff4115fff0 com.apple.MetalPerformanceShaders.MPSMatrix (1.0 -
 1) <6F07D520-B36C-38D5-810B-A95BA5F79B04> /System/Library/Frameworks/
 MetalPerformanceShaders.framework/Frameworks/MPSMatrix.framework/Versions/A/
 MPSMatrix
 0x7fff41160000 - 0x7fff41175ffc com.apple.MetalPerformanceShaders.MPSNDArray (1.0
 - 1) <73DBE1D5-89C4-3410-95DA-A384BF9C2C1E> /System/Library/Frameworks/
 MetalPerformanceShaders.framework/Frameworks/MPSNDArray.framework/Versions/A/
 MPSNDArray
 0x7fff41176000 - 0x7fff412d5ff4
 com.apple.MetalPerformanceShaders.MPSNeuralNetwork (1.0 - 1)
 <24338B34-481D-3564-917C-CD1DB243FD12> /System/Library/Frameworks/

MetalPerformanceShaders.framework/Frameworks/MPSNeuralNetwork.framework/Versions/A/
MPSNeuralNetwork
0x7fff412d6000 - 0x7fff41324ff7
com.apple.MetalPerformanceShaders.MPSRayIntersector (1.0 - 1) <75ABA9EB-752E-3E7E-
BFBA-19806FB65924> /System/Library/Frameworks/MetalPerformanceShaders.framework/
Frameworks/MPSRayIntersector.framework/Versions/A/MPSRayIntersector
0x7fff41325000 - 0x7fff41326ff5
com.apple.MetalPerformanceShaders.MetalPerformanceShaders (1.0 - 1)
<5EA47648-76E9-37CD-A2FC-A0083A769665> /System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/MetalPerformanceShaders
0x7fff4226c000 - 0x7fff42278ffe com.apple.NetFS (6.0 - 4.0) <10ECF7E4-98A5-3751-
B7AC-0AAAF0050777> /System/Library/Frameworks/NetFS.framework/Versions/A/NetFS
0x7fff42279000 - 0x7fff423bcff6 com.apple.Network (1.0 - 1)
<5C29B0D5-3811-32A8-9FF4-CA112F9526F4> /System/Library/Frameworks/
Network.framework/Versions/A/Network
0x7fff44de3000 - 0x7fff44e3bff7 com.apple.opengl (3.5 - 3.5) <1874ACB3-DBF4-309A-
A15D-ADB0C786C5B8> /System/Library/Frameworks/OpenCL.framework/Versions/A/OpenCL
0x7fff44e3c000 - 0x7fff44e58fff com.apple.CFOpenDirectory (10.15 - 220.11.1)
<6F4D018B-FA8B-35B2-8120-F8215DDA01CB> /System/Library/Frameworks/
OpenDirectory.framework/Versions/A/Frameworks/CFOpenDirectory.framework/Versions/A/
CFOpenDirectory
0x7fff44e59000 - 0x7fff44e64fff com.apple.OpenDirectory (10.15 - 220.11.1) <170173C2-
DF22-3D11-914F-465AA7C4760A> /System/Library/Frameworks/OpenDirectory.framework/
Versions/A/OpenDirectory
0x7fff457bf000 - 0x7fff457c1fff libCVMSPPluginSupport.dylib (17.10.22)
<4527BE3A-74F4-3BEB-963F-A4C29B31CF4F> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Libraries/libCVMSPPluginSupport.dylib
0x7fff457c2000 - 0x7fff457c7fff libCoreFSCache.dylib (176.7) <BBD5A68D-2A0D-39C3-
B103-12ABCD09CEE4> /System/Library/Frameworks/OpenGL.framework/Versions/A/
Libraries/libCoreFSCache.dylib
0x7fff457c8000 - 0x7fff457ccfff libCoreVMClient.dylib (176.7) <E789527C-4043-3B2A-
A64C-D0B3FA74586F> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/
libCoreVMClient.dylib
0x7fff457cd000 - 0x7fff457d5fff libGFXShared.dylib (17.10.22) <659DDDE1-B688-3B05-
A317-56D81B537BD4> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/
libGFXShared.dylib
0x7fff457d6000 - 0x7fff457e0fff libGL.dylib (17.10.22) <FBF0CD8F-0052-3F47-
A35B-74367687BD41> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/
libGL.dylib
0x7fff457e1000 - 0x7fff45816fff libGLImage.dylib (17.10.22)
<A8F955E3-73CF-3C14-9DD7-AAB95233D569> /System/Library/Frameworks/
OpenGL.framework/Versions/A/Libraries/libGLImage.dylib
0x7fff459aa000 - 0x7fff459e6fff libGLU.dylib (17.10.22) <674FC095-
D986-3646-9E64-560075762B8D> /System/Library/Frameworks/OpenGL.framework/Versions/
A/Libraries/libGLU.dylib
0x7fff46416000 - 0x7fff46425fff com.apple.opengl (17.10.22 - 17.10.22)
<3A6122C9-58FC-30F5-9591-C11C118EEE6B> /System/Library/Frameworks/
OpenGL.framework/Versions/A/OpenGL
0x7fff473de000 - 0x7fff4765bff2 com.apple.QuartzCore (1.11 - 815.6.4.4)
<F3F17EB9-8C1D-397F-A04E-33FB9633EA26> /System/Library/Frameworks/
QuartzCore.framework/Versions/A/QuartzCore
0x7fff481e6000 - 0x7fff4852aff9 com.apple.security (7.0 - 59306.11.20)
<1B0AE660-0EC5-3497-ACE8-1AF2BB772BAB> /System/Library/Frameworks/
Security.framework/Versions/A/Security

0x7fff4852b000 - 0x7fff485b3ff7 com.apple.securityfoundation (6.0 - 55236)
<903B8365-1F35-3EB2-9821-9D2C440BE2DD> /System/Library/Frameworks/
SecurityFoundation.framework/Versions/A/SecurityFoundation
0x7fff4860c000 - 0x7fff48610ff8 com.apple.xpc.ServiceManagement (1.0 - 1)
<EF42F840-AF78-38A4-B6E1-FDF445CA3477> /System/Library/Frameworks/
ServiceManagement.framework/Versions/A/ServiceManagement
0x7fff493fa000 - 0x7fff49464ff7 com.apple.SystemConfiguration (1.19 - 1.19)
<C0C089C3-FC64-3107-B23E-4073E800C5D2> /System/Library/Frameworks/
SystemConfiguration.framework/Versions/A/SystemConfiguration
0x7fff496e0000 - 0x7fff49a3aff9 com.apple.VideoToolbox (1.0 - 2501.27.4.9)
<5D43A35D-7BF3-3779-91AB-72E55D65A5C7> /System/Library/Frameworks/
VideoToolbox.framework/Versions/A/VideoToolbox
0x7fff4d1b8000 - 0x7fff4d27cff7 com.apple.APFS (1412.11.7 - 1412.11.7) <71DAB6CE-
FF14-373D-A183-F388C5D9FE84> /System/Library/PrivateFrameworks/APFS.framework/
Versions/A/APFS
0x7fff4da1d000 - 0x7fff4da25ff6 com.apple.AccessibilityBundles (1.0 - 129) <A17D4C1A-
AB3B-38AC-A41B-CE3EEEB8018A> /System/Library/PrivateFrameworks/
AccessibilityBundles.framework/Versions/A/AccessibilityBundles
0x7fff4e297000 - 0x7fff4e298ff1 com.apple.AggregateDictionary (1.0 - 1)
<92777CAE-3C90-39A4-A8AE-0273A262F875> /System/Library/PrivateFrameworks/
AggregateDictionary.framework/Versions/A/AggregateDictionary
0x7fff4e7a5000 - 0x7fff4e7c2ffc com.apple.AppContainer (4.0 - 448.0.5)
<D1A3FE36-30E9-3525-9856-AC442F6DA6B1> /System/Library/PrivateFrameworks/
AppContainer.framework/Versions/A/AppContainer
0x7fff4e816000 - 0x7fff4e824ff7 com.apple.AppSandbox (4.0 - 448.0.5) <2C9917BA-
F75F-3C54-BC50-F41409E49C47> /System/Library/PrivateFrameworks/
AppSandbox.framework/Versions/A/AppSandbox
0x7fff4eca8000 - 0x7fff4ecccff3 com.apple.framework.Apple80211 (13.0 - 1453)
<21BC8E1E-5642-3C65-B65B-2ABEFF1F5F61> /System/Library/PrivateFrameworks/
Apple80211.framework/Versions/A/Apple80211
0x7fff4ee00000 - 0x7fff4ee0ffdf com.apple.AppleFSCompression (119 - 1.0)
<725908C4-7585-3AB6-8A1A-691B8A9074B8> /System/Library/PrivateFrameworks/
AppleFSCompression.framework/Versions/A/AppleFSCompression
0x7fff4ef0e000 - 0x7fff4ef19ff7 com.apple.AppleIDAuthSupport (1.0 - 1)
<6BD125A5-9820-3176-AB79-8B612CCD6956> /System/Library/PrivateFrameworks/
AppleIDAuthSupport.framework/Versions/A/AppleIDAuthSupport
0x7fff4ef5b000 - 0x7fff4efa3fff com.apple.AppleJPEG (1.0 - 1)
<8051B4A3-7658-3003-82D1-41CA5C83CBEC> /System/Library/PrivateFrameworks/
AppleJPEG.framework/Versions/A/AppleJPEG
0x7fff4f37c000 - 0x7fff4f39effb com.apple.applesauce (1.0 - 16.22)
<88BFDA72-8D13-3481-B4FA-62215F6E2E43> /System/Library/PrivateFrameworks/
AppleSauce.framework/Versions/A/AppleSauce
0x7fff4f45e000 - 0x7fff4f461ffb com.apple.AppleSystemInfo (3.1.5 - 3.1.5)
<7BFAE3D7-0ABE-3AC2-8B4D-B658CE5E8770> /System/Library/PrivateFrameworks/
AppleSystemInfo.framework/Versions/A/AppleSystemInfo
0x7fff4f462000 - 0x7fff4f4b2ff7 com.apple.AppleVAFramework (6.1.2 - 6.1.2) <3C5249FF-
BB9C-32C8-A807-2AA820B6D965> /System/Library/PrivateFrameworks/AppleVA.framework/
Versions/A/AppleVA
0x7fff4f4fb000 - 0x7fff4f50affd com.apple.AssertionServices (1.0 - 223.11.1) <8A45663E-
E9C8-3611-BD4C-710700920F14> /System/Library/PrivateFrameworks/
AssertionServices.framework/Versions/A/AssertionServices
0x7fff4fa3c000 - 0x7fff4fe3aff4 com.apple.audio.AudioResourceArbitration (1.0 - 1)
<2639564C-1435-3DA2-A0CB-F288617219BC> /System/Library/PrivateFrameworks/
AudioResourceArbitration.framework/Versions/A/AudioResourceArbitration

0x7fff50091000 - 0x7fff502ccfff com.apple.audio.AudioToolboxCore (1.0 - 1104.15.1) <3CD3860B-F736-3ED8-B32E-B8E1C3E3DD5D> /System/Library/PrivateFrameworks/AudioToolboxCore.framework/Versions/A/AudioToolboxCore

0x7fff502cd000 - 0x7fff503e5ff8 com.apple.AuthKit (1.0 - 1) <2650CED9-1F9F-3C76-A6B9-B0589F986830> /System/Library/PrivateFrameworks/AuthKit.framework/Versions/A/AuthKit

0x7fff5059b000 - 0x7fff505a4ff3 com.apple.coreservices.BackgroundTaskManagement (1.0 - 104) <156CFAE3-07D0-332C-90BE-BB2E4C893C99> /System/Library/PrivateFrameworks/BackgroundTaskManagement.framework/Versions/A/BackgroundTaskManagement

0x7fff505a5000 - 0x7fff50646ff8 com.apple.backup.framework (1.11 - 1298.0.12) <5F4E8950-52AA-3B1F-B17C-69FBA940CD76> /System/Library/PrivateFrameworks/Backup.framework/Versions/A/Backup

0x7fff50647000 - 0x7fff506c6fff com.apple.BaseBoard (460 - 460) <E2B2C09D-7CA3-3BCF-AE84-E636CBC139CB> /System/Library/PrivateFrameworks/BaseBoard.framework/Versions/A/BaseBoard

0x7fff507c6000 - 0x7fff50802ff7 com.apple.bom (14.0 - 219.1) <86A0EE62-9906-3085-B9B7-93C196526360> /System/Library/PrivateFrameworks/Bom.framework/Versions/A/Bom

0x7fff5136d000 - 0x7fff513bcfff com.apple.ChunkingLibrary (302 - 302) <157DF88D-CCA1-3431-AB8F-E8B7A62D652C> /System/Library/PrivateFrameworks/ChunkingLibrary.framework/Versions/A/ChunkingLibrary

0x7fff52242000 - 0x7fff5224bff7 com.apple.CommonAuth (4.0 - 2.0) <BDE39131-6389-3243-9C4A-DBA165B8A2F9> /System/Library/PrivateFrameworks/CommonAuth.framework/Versions/A/CommonAuth

0x7fff5225f000 - 0x7fff52276ff1 com.apple.commonutilities (8.0 - 900) <A64C20B3-6860-3CCA-BB89-E8B9B589282A> /System/Library/PrivateFrameworks/CommonUtilities.framework/Versions/A/CommonUtilities

0x7fff52956000 - 0x7fff52d2bfc8 com.apple.CoreAUC (283.0.0 - 283.0.0) <5ED07886-3152-3C8D-9C21-3600A33ACC40> /System/Library/PrivateFrameworks/CoreAUC.framework/Versions/A/CoreAUC

0x7fff52d2c000 - 0x7fff52d5affb com.apple.CoreAVCHD (6.1.0 - 6100.4.1) <B7C10F1C-B3DE-3F2C-B2B8-1CD37DA7298F> /System/Library/PrivateFrameworks/CoreAVCHD.framework/Versions/A/CoreAVCHD

0x7fff52d7c000 - 0x7fff52d9bff4 com.apple.analyticsd (1.0 - 1) <3C14ACAE-0E19-3589-8229-944F376C3E44> /System/Library/PrivateFrameworks/CoreAnalytics.framework/Versions/A/CoreAnalytics

0x7fff532e5000 - 0x7fff532f5ff3 com.apple.CoreEmoji (1.0 - 100) <9AB89183-635C-3859-9DC6-7BCE3A94D15E> /System/Library/PrivateFrameworks/CoreEmoji.framework/Versions/A/CoreEmoji

0x7fff53941000 - 0x7fff539abff8 com.apple.CoreNLP (1.0 - 211) <8F08AEF6-A380-3811-BAF0-D80E7C84B5AD> /System/Library/PrivateFrameworks/CoreNLP.framework/Versions/A/CoreNLP

0x7fff53e11000 - 0x7fff53e19ff8 com.apple.CorePhoneNumbers (1.0 - 1) <0C242322-DB33-3764-9B44-74FA00AA3702> /System/Library/PrivateFrameworks/CorePhoneNumbers.framework/Versions/A/CorePhoneNumbers

0x7fff54563000 - 0x7fff54586fff com.apple.CoreSVG (1.0 - 129) <1716AD1F-A94F-309D-9598-C7B65F5965A0> /System/Library/PrivateFrameworks/CoreSVG.framework/Versions/A/CoreSVG

0x7fff54587000 - 0x7fff545bafff com.apple.CoreServicesInternal (446.4 - 446.4) <516D3C82-1CC5-3056-B56F-A8FD2FE662EC> /System/Library/PrivateFrameworks/CoreServicesInternal.framework/Versions/A/CoreServicesInternal

0x7fff545bb000 - 0x7fff545e9ff7 com.apple.CSSStore (1069.2 - 1069.2) <5E3C50AB-9C00-36F3-A986-CE033480CA8B> /System/Library/PrivateFrameworks/CoreServicesStore.framework/Versions/A/CoreServicesStore

0x7fff54ae4000 - 0x7fff54b6bfff com.apple.CoreSymbolication (11.0 - 64509.98.1)
<38F1073A-4F61-3E6C-B207-9D7986BBF28E> /System/Library/PrivateFrameworks/
CoreSymbolication.framework/Versions/A/CoreSymbolication
0x7fff54c03000 - 0x7fff54d2fff4 com.apple.coreui (2.1 - 606) <08A21870-C3C2-3442-
A579-F12EC67D7449> /System/Library/PrivateFrameworks/CoreUI.framework/Versions/A/
CoreUI
0x7fff54d30000 - 0x7fff54ecefdd com.apple.CoreUtils (6.0 - 600.30)
<5D8E96F2-5EDB-33E3-92E9-EDC11F279A64> /System/Library/PrivateFrameworks/
CoreUtils.framework/Versions/A/CoreUtils
0x7fff55002000 - 0x7fff55015ff1 com.apple.CrashReporterSupport (10.13 - 15010)
<94F94549-D6F8-35A5-8FEE-026E079C3B2C> /System/Library/PrivateFrameworks/
CrashReporterSupport.framework/Versions/A/CrashReporterSupport
0x7fff55281000 - 0x7fff55292ffa com.apple.framework.DFRFoundation (1.0 - 244.3)
<5D98DA1C-1A1F-306B-B5D3-47D61974613A> /System/Library/PrivateFrameworks/
DFRFoundation.framework/Versions/A/DFRFoundation
0x7fff55293000 - 0x7fff55298fff com.apple.DSEExternalDisplay (3.1 - 380)
<B4AF8876-4037-3F07-BA7D-443AD3A4E680> /System/Library/PrivateFrameworks/
DSEExternalDisplay.framework/Versions/A/DSEExternalDisplay
0x7fff55301000 - 0x7fff5537cff8 com.apple.datadetectorscore (8.0 - 659) <01C69537-
D345-34D1-8893-94F3AAA6B739> /System/Library/PrivateFrameworks/
DataDetectorsCore.framework/Versions/A/DataDetectorsCore
0x7fff553c8000 - 0x7fff55406ff0 com.apple.DebugSymbols (194 - 194) <C7DD2D58-
B36F-3D74-8DA2-28493072DB31> /System/Library/PrivateFrameworks/
DebugSymbols.framework/Versions/A/DebugSymbols
0x7fff55407000 - 0x7fff55562fff com.apple.desktopservices (1.14 - 1281.0.2)
<F89D1D78-6226-32D6-9CBC-1695A3B457EE> /System/Library/PrivateFrameworks/
DesktopServicesPriv.framework/Versions/A/DesktopServicesPriv
0x7fff556d55000 - 0x7fff57170ff9 com.apple.vision.FaceCore (4.3.0 - 4.3.0) <298DA6CC-
F74E-3EA7-9FCF-EC9E71E51859> /System/Library/PrivateFrameworks/FaceCore.framework/
Versions/A/FaceCore
0x7fff577d3000 - 0x7fff5790aff4 libFontParser.dylib (277.2) <91E3DD75-1591-381C-
BA72-F5023BA19955> /System/Library/PrivateFrameworks/FontServices.framework/
libFontParser.dylib
0x7fff5790b000 - 0x7fff5793ffff libTrueTypeScaler.dylib (277.2)
<600A9E46-1BC4-3C7C-9710-4A17B1D56FEF> /System/Library/PrivateFrameworks/
FontServices.framework/libTrueTypeScaler.dylib
0x7fff579a4000 - 0x7fff579b4ff6 libhvf.dylib (1.0 - \${CURRENT_PROJECT_VERSION})
<BC77CD7E-7137-3700-81AB-ED812743F5D8> /System/Library/PrivateFrameworks/
FontServices.framework/libhvf.dylib
0x7fff5ae78000 - 0x7fff5ae79fff libmetal_timestamp.dylib (902.9.64) <0702E3D3-
C6B3-3A66-A68F-3DB7CD2BB101> /System/Library/PrivateFrameworks/
GPUCompiler.framework/Versions/3902/Libraries/libmetal_timestamp.dylib
0x7fff5c520000 - 0x7fff5c526fff com.apple.GPUWrangler (4.1.46 - 4.1.46)
<A003EAB8-8E5D-3078-9358-4C51412532B3> /System/Library/PrivateFrameworks/
GPUWrangler.framework/Versions/A/GPUWrangler
0x7fff5c840000 - 0x7fff5c866ffb com.apple.GenerationalStorage (2.0 - 311)
<5344C508-95C9-31C1-8CB3-8A094C78B299> /System/Library/PrivateFrameworks/
GenerationalStorage.framework/Versions/A/GenerationalStorage
0x7fff5d90d000 - 0x7fff5d91bffb com.apple.GraphVisualizer (1.0 - 100.1)
<6E7B93E6-6B1F-3198-B3F8-E4F61632E1F5> /System/Library/PrivateFrameworks/
GraphVisualizer.framework/Versions/A/GraphVisualizer
0x7fff5d98e000 - 0x7fff5d992ff4 com.apple.HIDAnalytics (1.0 - 1)
<258AA9D3-0311-325F-9BF0-6C64D82BF022> /System/Library/PrivateFrameworks/
HIDAnalytics.framework/Versions/A/HIDAnalytics

0x7fff5daae000 - 0x7fff5db21ffc com.apple.Heimdal (4.0 - 2.0) <169702C2-B210-3258-947C-F8EE6B361C26> /System/Library/PrivateFrameworks/Heimdal.framework/Versions/A/Heimdal

0x7fff5fc2a000 - 0x7fff5fc32ff5 com.apple.IOAccelerator (438.1.23 - 438.1.23) <16F79A0A-5CE0-36A0-9053-5BBB96B1DAB3> /System/Library/PrivateFrameworks/IOAccelerator.framework/Versions/A/IOAccelerator

0x7fff5fc35000 - 0x7fff5fc4bff7 com.apple.IOPresentment (1.0 - 37) <C04FA14E-9FF0-3561-9ECA-B028E531885F> /System/Library/PrivateFrameworks/IOPresentment.framework/Versions/A/IOPresentment

0x7fff5ffd2000 - 0x7fff6001cfff com.apple.IconServices (436.1 - 436.1) <D109C662-7CAF-355D-8A45-65797DA293D9> /System/Library/PrivateFrameworks/IconServices.framework/Versions/A/IconServices

0x7fff601d8000 - 0x7fff601deffc com.apple.InternationalSupport (1.0 - 44) <9BABC726-622F-3E35-A8C5-E722677A308C> /System/Library/PrivateFrameworks/InternationalSupport.framework/Versions/A/InternationalSupport

0x7fff60420000 - 0x7fff60440ff6 com.apple.security.KeychainCircle.KeychainCircle (1.0 - 1) <07895544-3389-3680-8BC1-F32DDA676FF3> /System/Library/PrivateFrameworks/KeychainCircle.framework/Versions/A/KeychainCircle

0x7fff60597000 - 0x7fff60664ffd com.apple.LanguageModeling (1.0 - 212) <A9F41C84-E574-3624-8C00-60F228E0FF97> /System/Library/PrivateFrameworks/LanguageModeling.framework/Versions/A/LanguageModeling

0x7fff60665000 - 0x7fff606adff7 com.apple.Lexicon-framework (1.0 - 70) <BEADF30C-37D3-3112-90DA-18A85406DBF3> /System/Library/PrivateFrameworks/Lexicon.framework/Versions/A/Lexicon

0x7fff606b4000 - 0x7fff606b8ff6 com.apple.LinguisticData (1.0 - 349) <A392AD13-9AEB-31BB-A9ED-F29437CFBDB4> /System/Library/PrivateFrameworks/LinguisticData.framework/Versions/A/LinguisticData

0x7fff61052000 - 0x7fff61055fff com.apple.Mangrove (1.0 - 25) <22187ABF-5915-3378-9EC5-665383904585> /System/Library/PrivateFrameworks/Mangrove.framework/Versions/A/Mangrove

0x7fff612ad000 - 0x7fff61337ff0 com.apple.MediaExperience (1.0 - 1) <C4372543-EBCB-33B7-A723-6540B028A9DF> /System/Library/PrivateFrameworks/MediaExperience.framework/Versions/A/MediaExperience

0x7fff61ae9000 - 0x7fff61b35ff7 com.apple.spotlight.metadata.utilities (1.0 - 2066.12) <989018A3-4BD0-3FD1-9A2D-88FD3A521452> /System/Library/PrivateFrameworks/MetadataUtilities.framework/Versions/A/MetadataUtilities

0x7fff61b36000 - 0x7fff61c04ff5 com.apple.gpusw.MetalTools (1.0 - 1) <5ADCCE88-B380-3B73-957B-12983017E979> /System/Library/PrivateFrameworks/MetalTools.framework/Versions/A/MetalTools

0x7fff61e34000 - 0x7fff61e51ffc com.apple.MobileKeyBag (2.0 - 1.0) <6B7EFE6E-5DBC-33B4-8F3E-12BC31A2EA2D> /System/Library/PrivateFrameworks/MobileKeyBag.framework/Versions/A/MobileKeyBag

0x7fff620b8000 - 0x7fff620e6ff7 com.apple.MultitouchSupport.framework (3400.35 - 3400.35) <C73D6E66-5FE9-3113-96DB-AF12AAC6B77E> /System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport

0x7fff62558000 - 0x7fff62562fff com.apple.NetAuth (6.2 - 6.2) <90F9ADF4-8A9C-3603-8F55-24F8C472430B> /System/Library/PrivateFrameworks/NetAuth.framework/Versions/A/NetAuth

0x7fff62f4e000 - 0x7fff62f9aff7 com.apple.OTSVG (1.0 - 643.1.0.2) <315F5289-6294-3B4E-83D1-56C502F564F8> /System/Library/PrivateFrameworks/OTSVG.framework/Versions/A/OTSVG

0x7fff6410d000 - 0x7fff64118ffe com.apple.PerformanceAnalysis (1.243 - 243) <304B1D73-9BD4-3CED-A241-0458C4AF7062> /System/Library/PrivateFrameworks/PerformanceAnalysis.framework/Versions/A/PerformanceAnalysis

0x7fff64119000 - 0x7fff64141fff com.apple.persistentconnection (1.0 - 1.0)
<DBD9FD74-9F17-358B-A7E9-58B965A6E16C> /System/Library/PrivateFrameworks/
PersistentConnection.framework/Versions/A/PersistentConnection
0x7fff66a33000 - 0x7fff66a4cfff com.apple.ProtocolBuffer (1 - 274.20.7.15.1)
<9CD0E8B7-F38D-35F3-B68B-C18AA5CDB993> /System/Library/PrivateFrameworks/
ProtocolBuffer.framework/Versions/A/ProtocolBuffer
0x7fff66e9a000 - 0x7fff66ec3ff9 com.apple.RemoteViewServices (2.0 - 148)
<C5D8E2F3-646D-37C8-B250-C97B5058E260> /System/Library/PrivateFrameworks/
RemoteViewServices.framework/Versions/A/RemoteViewServices
0x7fff67026000 - 0x7fff67061ff7 com.apple.RunningBoardServices (1.0 - 223.11.1)
<E9784D23-1EA5-3820-99C4-3B4474C803C5> /System/Library/PrivateFrameworks/
RunningBoardServices.framework/Versions/A/RunningBoardServices
0x7fff68964000 - 0x7fff68967ff9 com.apple.SecCodeWrapper (4.0 - 448.0.5)
<1AD17827-6FC3-386F-BB05-CF43FA86050C> /System/Library/PrivateFrameworks/
SecCodeWrapper.framework/Versions/A/SecCodeWrapper
0x7fff68aaf000 - 0x7fff68bd0ff5 com.apple.Sharing (1476 - 1476)
<AD1D84E5-6728-3B38-AC15-2C3822F4747C> /System/Library/PrivateFrameworks/
Sharing.framework/Versions/A/Sharing
0x7fff69bca000 - 0x7fff69ec1ff6 com.apple.SkyLight (1.600.0 - 440.7.10)
<DF3DDAE0-4F75-3D6C-8BC9-52903CB668B2> /System/Library/PrivateFrameworks/
SkyLight.framework/Versions/A/SkyLight
0x7fff6a709000 - 0x7fff6a716fff com.apple.SpeechRecognitionCore (6.0.85 - 6.0.85)
<95F62538-2541-3D92-8171-D49D4071A4BB> /System/Library/PrivateFrameworks/
SpeechRecognitionCore.framework/Versions/A/SpeechRecognitionCore
0x7fff6af36000 - 0x7fff6af3ffff com.apple.SymptomDiagnosticReporter (1.0 - 1238.0.2)
<BE499ACD-18B5-3D45-95B3-BE9A98FB099D> /System/Library/PrivateFrameworks/
SymptomDiagnosticReporter.framework/Versions/A/SymptomDiagnosticReporter
0x7fff6b1f3000 - 0x7fff6b203ff3 com.apple.TCC (1.0 - 1) <DCE1D8C7-7BEB-3201-
A0E5-38F012E6B1BC> /System/Library/PrivateFrameworks/TCC.framework/Versions/A/TCC
0x7fff6b6ed000 - 0x7fff6b7b4ff4 com.apple.TextureIO (3.10.9 - 3.10.9) <733D396B-
AFB1-37F3-80E4-95F63A879849> /System/Library/PrivateFrameworks/TextureIO.framework/
Versions/A/TextureIO
0x7fff6c5fa000 - 0x7fff6c853ff8 com.apple.UIFoundation (1.0 - 658.1) <603A4D49-
EEEC-3FE1-9F65-49ACA14DC188> /System/Library/PrivateFrameworks/
UIFoundation.framework/Versions/A/UIFoundation
0x7fff6d442000 - 0x7fff6d462fff com.apple.UserManagement (1.0 - 1) <8A3367D2-
C5E3-380E-BEE4-BA61A177DF92> /System/Library/PrivateFrameworks/
UserManagement.framework/Versions/A/UserManagement
0x7fff6e210000 - 0x7fff6e2faff6 com.apple.ViewBridge (461 - 461)
<96493EB6-90E4-3A30-BD97-401345AF67B2> /System/Library/PrivateFrameworks/
ViewBridge.framework/Versions/A/ViewBridge
0x7fff6e49e000 - 0x7fff6e49ffff com.apple.WatchdogClient.framework (1.0 - 67.11.1)
<7B858D02-459E-3307-BCF3-7E18771BA4D9> /System/Library/PrivateFrameworks/
WatchdogClient.framework/Versions/A/WatchdogClient
0x7fff6f07a000 - 0x7fff6f07dffe com.apple.dt.XCTTargetBootstrap (1.0 - 14805.2)
<ED72AEE6-99F5-3A44-BDF9-50A5BD7B6719> /System/Library/PrivateFrameworks/
XCTTargetBootstrap.framework/Versions/A/XCTTargetBootstrap
0x7fff6f0f6000 - 0x7fff6f104ffd com.apple.audio.caulk (1.0 - 32.3) <7FBF3E20-
D360-348B-8FC5-77A90444B552> /System/Library/PrivateFrameworks/caulk.framework/
Versions/A/caulk
0x7fff6f443000 - 0x7fff6f445ff3 com.apple.loginsupport (1.0 - 1) <40974390-
AFD7-3CEF-8B8D-6219BF916A4E> /System/Library/PrivateFrameworks/login.framework/
Versions/A/Frameworks/loginsupport.framework/Versions/A/loginsupport

0x7fff6f446000 - 0x7fff6f459ffd com.apple.login (3.0 - 3.0) <F3105290-D037-3D94-B12F-37D4E0338FE4> /System/Library/PrivateFrameworks/login.framework/Versions/A/login
0x7fff6f48b000 - 0x7fff6f497ffd com.apple.perfdata (1.0 - 51) <B02E4934-3F7D-311D-A09D-17F5F286B0A9> /System/Library/PrivateFrameworks/perfdata.framework/Versions/A/perfdata
0x7fff6f76a000 - 0x7fff6f776ff6 libAudioStatistics.dylib (1104.15.1)
<BDDC4BCC-7D0D-36E4-AB2B-6FF2F05C4920> /usr/lib/libAudioStatistics.dylib
0x7fff6f777000 - 0x7fff6f7acff2 libAudioToolboxUtility.dylib (1104.15.1)
<221386C3-366B-37A7-8A75-4176678F97AA> /usr/lib/libAudioToolboxUtility.dylib
0x7fff6f7b3000 - 0x7fff6f7e8ff7 libCRFSuite.dylib (48) <45ADF347-A43F-3E95-BF26-94DC525DCC81> /usr/lib/libCRFSuite.dylib
0x7fff6f7eb000 - 0x7fff6f7f5ff3 libChineseTokenizer.dylib (34) <94E822B6-F850-33C5-888C-D5C8AE12122C> /usr/lib/libChineseTokenizer.dylib
0x7fff6f882000 - 0x7fff6f884fff libDiagnosticMessagesClient.dylib (112) <418D550B-C748-3D55-A6D5-0398E032F9F3> /usr/lib/libDiagnosticMessagesClient.dylib
0x7fff6f8c8000 - 0x7fff6fa7fff3 libFosl_dynamic.dylib (100.4) <F5583DFD-E3A1-3D6A-8698-613F7FA119A0> /usr/lib/libFosl_dynamic.dylib
0x7fff6faa6000 - 0x7fff6faacff3 libIOReport.dylib (54) <491518A9-84B3-3066-905F-BFF5D21EB760> /usr/lib/libIOReport.dylib
0x7fff6fb8c000 - 0x7fff6fb93fff libMatch.1.dylib (36) <AA3A44D7-268D-3B0A-AAD5-15090FF127D9> /usr/lib/libMatch.1.dylib
0x7fff6fbc3000 - 0x7fff6fbe2ff7 libMobileGestalt.dylib (826.1.1) <74BEEAE6-2825-33F7-B63B-4C2A27974F30> /usr/lib/libMobileGestalt.dylib
0x7fff6fc57000 - 0x7fff6fd34ff7 libSMC.dylib (20) <1B9336F6-B827-310E-AF02-473F2D3D9E81> /usr/lib/libSMC.dylib
0x7fff6fd49000 - 0x7fff6fd4aff3 libSystem.B.dylib (1281)
<66742D2E-591A-32B2-8E92-4A54BEE843F6> /usr/lib/libSystem.B.dylib
0x7fff6fdda000 - 0x7fff6fddbfff libThaiTokenizer.dylib (3)
<D2A89215-5281-310F-8C75-47F1E6A14F62> /usr/lib/libThaiTokenizer.dylib
0x7fff6fdf3000 - 0x7fff6fe09fff libapple_nghttp2.dylib (1.39.2)
<0A685DAA-9FC6-3C87-83F1-1D11FC87C1F4> /usr/lib/libapple_nghttp2.dylib
0x7fff6fe3e000 - 0x7fff6feb0ff7 libarchive.2.dylib (72.11.2)
<8636AE5A-0CBB-306C-8A4B-2E612D2D6B13> /usr/lib/libarchive.2.dylib
0x7fff6feb1000 - 0x7fff6ff47fc5 libate.dylib (2.0.9) <9AE62394-6ED6-3B26-B53A-75FEA0389EB5> /usr/lib/libate.dylib
0x7fff6ff4b000 - 0x7fff6ff4bff3 libauto.dylib (187)
<AACF68BC-9A05-36F8-8F60-78951422E090> /usr/lib/libauto.dylib
0x7fff70009000 - 0x7fff70019fff libbsm.0.dylib (60)
<F03FA480-0B22-3300-833F-03E88F43C504> /usr/lib/libbsm.0.dylib
0x7fff7001a000 - 0x7fff70026fff libbz2.1.0.dylib (44) <8B522880-BEF8-3668-B785-F2AB4DE8F366> /usr/lib/libbz2.1.0.dylib
0x7fff70027000 - 0x7fff7007afff libc++.1.dylib (800.6) <328FB687-2363-38B1-AC11-11736925C775> /usr/lib/libc++.1.dylib
0x7fff7007b000 - 0x7fff7008ffff libc++abi.dylib (800.7) <02753D3D-91C6-3670-8B5D-EBE040B516FC> /usr/lib/libc++abi.dylib
0x7fff70090000 - 0x7fff70090ffb libcharset.1.dylib (59) <12D52FA5-EBCA-3F3C-A269-1095F268F92F> /usr/lib/libcharset.1.dylib
0x7fff70091000 - 0x7fff700a2ffb libcmph.dylib (8) <7DD1F726-F3E3-341A-AFAC-83E9A470883C> /usr/lib/libcmph.dylib
0x7fff700a3000 - 0x7fff700bafef libcompression.dylib (87) <10B82884-BE1A-3A36-9B38-3C92AF566D3E> /usr/lib/libcompression.dylib
0x7fff7037c000 - 0x7fff70392fff libcoretls.dylib (167)
<1C64EA6F-8E0D-319D-99D4-026150EEB2B2> /usr/lib/libcoretls.dylib

0x7fff70393000 - 0x7fff70394ffb libcoretls_cfhelpers.dylib (167) <724B0181-4D9E-3D2F-B1AB-B4FD6A7BAB2C> /usr/lib/libcoretls_cfhelpers.dylib
0x7fff70952000 - 0x7fff709b1fff libcups.2.dylib (483)
<0C9BCEA5-628B-31E5-8609-00F811CAF505> /usr/lib/libcups.2.dylib
0x7fff70abd000 - 0x7fff70abdf3 libenergytrace.dylib (21) <E42B4AFF-3FAC-3CE4-A7BF-48621458B356> /usr/lib/libenergytrace.dylib
0x7fff70abe000 - 0x7fff70ad7ff7 libexpat.1.dylib (19) <A0E2F6F3-BFFA-3D59-872F-F093487F0B42> /usr/lib/libexpat.1.dylib
0x7fff70ae5000 - 0x7fff70ae7ff7 libfakelink.dylib (149) <FC5712CB-2188-3DAD-8DD4-CC3ECCA3F9A8> /usr/lib/libfakelink.dylib
0x7fff70af6000 - 0x7fff70afbfff libgermantok.dylib (24) <93E95178-E436-3611-A4A3-CB1D42CF4064> /usr/lib/libgermantok.dylib
0x7fff70afc000 - 0x7fff70b00ff7 libheimdal-asn1.dylib (564.0.3) <51551E63-5AC6-30D3-B178-8BDA782C80EA> /usr/lib/libheimdal-asn1.dylib
0x7fff70b01000 - 0x7fff70bf1ff7 libiconv.2.dylib (59)
<1A648E74-25D4-3F9B-94C4-10B58AD091B7> /usr/lib/libiconv.2.dylib
0x7fff70bf2000 - 0x7fff70e4aff7 libicucore.A.dylib (64232.0.1)
<88E47471-605C-3C86-871B-5D2F4628A936> /usr/lib/libicucore.A.dylib
0x7fff70e64000 - 0x7fff70e65fff liblangid.dylib (133) <78DF87EE-CDCE-3628-B239-56743169BC93> /usr/lib/liblangid.dylib
0x7fff70e66000 - 0x7fff70e7effb liblzma.5.dylib (16) <D416FC97-76EC-38B5-A134-85DDFEA9D297> /usr/lib/liblzma.5.dylib
0x7fff70e96000 - 0x7fff70f3dfff libmecab.dylib (879) <DD60E6AA-154E-3294-B2C0-3277B754F3BC> /usr/lib/libmecab.dylib
0x7fff70f3e000 - 0x7fff7119dfe9 libmecabra.dylib (879) <B5BE574C-DD3A-336D-87A3-202CE7803A45> /usr/lib/libmecabra.dylib
0x7fff714fe000 - 0x7fff7152dff7 libncurses.5.4.dylib (57) <2AD2FDD9-846A-3A79-ADCC-008E8B227BD6> /usr/lib/libncurses.5.4.dylib
0x7fff7165c000 - 0x7fff71aceff6 libnetwork.dylib (1880.11.2) <CC02BF51-A056-3656-B735-E8CD0F4B7B15> /usr/lib/libnetwork.dylib
0x7fff71b6c000 - 0x7fff71b9dfe6 libobjc.A.dylib (779.1) <722C0959-69B8-3843-B5EA-CDD8FAA91D5E> /usr/lib/libobjc.A.dylib
0x7fff71bb0000 - 0x7fff71bb4fff libpam.2.dylib (25) <86317F48-E926-30AC-AE9F-ABB33543FBC8> /usr/lib/libpam.2.dylib
0x7fff71bb7000 - 0x7fff71beaff7 libpcap.A.dylib (89.11.2) <65A8EBD2-F059-353B-9538-20D1314EFD89> /usr/lib/libpcap.A.dylib
0x7fff71c28000 - 0x7fff71c36ff9 libperfcheck.dylib (37) <1A8CE36E-E79C-311A-B1CA-16660A6502C8> /usr/lib/libperfcheck.dylib
0x7fff71c6c000 - 0x7fff71c84ff7 libresolv.9.dylib (67) <06480BFC-6372-3225-B77A-F5AC9969DB64> /usr/lib/libresolv.9.dylib
0x7fff71c86000 - 0x7fff71cc9ff7 libsandbox.1.dylib (1217.11.16) <B0829BE0-60A4-3AE0-AF9D-50EED4675AF6> /usr/lib/libsandbox.1.dylib
0x7fff71cdd000 - 0x7fff71cdeff7 libspindump.dylib (281) <FB1352D8-FE38-3D47-A273-458C1C442E67> /usr/lib/libspindump.dylib
0x7fff71cdf000 - 0x7fff71eccff7 libsqlite3.dylib (308.1) <7033723E-DD65-3AA3-ADCA-8746F7BAD75D> /usr/lib/libsqlite3.dylib
0x7fff7211b000 - 0x7fff7211effb libutil.dylib (57) <844B7887-09B3-3D12-ACDE-C4EB8F53DC62> /usr/lib/libutil.dylib
0x7fff7211f000 - 0x7fff7212cfff libxar.1.dylib (420) <E0D7C0A6-76EC-3682-A393-6596D4986269> /usr/lib/libxar.1.dylib
0x7fff72132000 - 0x7fff72214ff7 libxml2.2.dylib (32.12) <C0A87484-D334-3B50-8F8A-A9C63295F49E> /usr/lib/libxml2.2.dylib
0x7fff72218000 - 0x7fff72240fff libxslt.1.dylib (16.6) <CD9E79B0-159A-3055-B62A-57AB2B445912> /usr/lib/libxslt.1.dylib

0x7fff72241000 - 0x7fff72253fff libz.1.dylib (76) <3FC3FC3E-ABF3-3167-9078-B54C952608B4> /usr/lib/libz.1.dylib
0x7fff72cb8000 - 0x7fff72cbdfff libcach.dylib (83) <8EC69760-6DAA-3068-9372-F1D554C548E5> /usr/lib/system/libcach.dylib
0x7fff72cbe000 - 0x7fff72cc9fff libcommonCrypto.dylib (60165) <698BE754-137D-361D-B826-57B8DD969E4A> /usr/lib/system/libcommonCrypto.dylib
0x7fff72cca000 - 0x7fff72cd1fff libcompiler_rt.dylib (101.2) <0BE7F119-C9C2-3612-A3F4-2336D4444476> /usr/lib/system/libcompiler_rt.dylib
0x7fff72cd2000 - 0x7fff72cdbfff libcopyfile.dylib (166) <B5E73B1C-0BCF-33FE-80A1-D9E3BA3033D4> /usr/lib/system/libcopyfile.dylib
0x7fff72cdc000 - 0x7fff72d73fc3 libcorecrypto.dylib (866.0.10) <58344B13-CD10-3697-A516-6F5B06DD1EB7> /usr/lib/system/libcorecrypto.dylib
0x7fff72e8a000 - 0x7fff72ecbfff libdispatch.dylib (1173.0.3) <F4260D89-F67D-30CB-AF61-7ED25CB687DB> /usr/lib/system/libdispatch.dylib
0x7fff72ecc000 - 0x7fff72f01fff libdyld.dylib (732.8) <98960E27-A08B-36DA-A5CB-8538B2D6757E> /usr/lib/system/libdyld.dylib
0x7fff72f02000 - 0x7fff72f02fff libkeymgr.dylib (30) <682B41BC-BDC2-38D5-8820-87099606FA12> /usr/lib/system/libkeymgr.dylib
0x7fff72f03000 - 0x7fff72f0fff7 libkxld.dylib (6153.11.26) <53BE9630-BDC8-3649-8709-7A4F86777B1A> /usr/lib/system/libkxld.dylib
0x7fff72f10000 - 0x7fff72f10fff liblaunch.dylib (1738.11.1) <7FE11F0D-65BC-3726-B1DD-E84F329193E0> /usr/lib/system/liblaunch.dylib
0x7fff72f11000 - 0x7fff72f16fff libmacho.dylib (949.0.1) <163DFE06-2FAD-3CBC-80EF-C38EED6AEA52> /usr/lib/system/libmacho.dylib
0x7fff72f17000 - 0x7fff72f19fff libquarantine.dylib (110.0.4) <C8F39330-8CB5-30B0-8564-96453DCEFA7D> /usr/lib/system/libquarantine.dylib
0x7fff72f1a000 - 0x7fff72f1bfff libremovefile.dylib (48) <FB280185-B5ED-3F08-B08A-A378865C1398> /usr/lib/system/libremovefile.dylib
0x7fff72f1c000 - 0x7fff72f33fff libsystem_asl.dylib (377.0.1) <30CE9DAF-B1FA-3510-832B-F1CE19933ED7> /usr/lib/system/libsystem_asl.dylib
0x7fff72f34000 - 0x7fff72f34fff libsystem_blocks.dylib (74) <E0B8C825-E62B-357E-A2A0-13776F0A0F8C> /usr/lib/system/libsystem_blocks.dylib
0x7fff72f35000 - 0x7fff72fbcfff libsystem_c.dylib (1353.11.2) <2A5BFAFE-8214-3B35-AD46-C07A1A8B8941> /usr/lib/system/libsystem_c.dylib
0x7fff72fbd000 - 0x7fff72fc0fff libsystem_configuration.dylib (1061.0.2) <56174463-22ED-337F-B0D4-94995DCDB9B7> /usr/lib/system/libsystem_configuration.dylib
0x7fff72fc1000 - 0x7fff72fc4fff libsystem_coreservices.dylib (114) <01695913-028E-3AE1-8D4E-2B2769109811> /usr/lib/system/libsystem_coreservices.dylib
0x7fff72fc5000 - 0x7fff72fccfff libsystem_darwin.dylib (1353.11.2) <4CE52C63-87AA-3C6D-899F-8C983E5FC061> /usr/lib/system/libsystem_darwin.dylib
0x7fff72fcd000 - 0x7fff72fd4fff libsystem_dnssd.dylib (1096.0.2) <DC7381E8-F09F-3441-8267-9B8F50A0EBA9> /usr/lib/system/libsystem_dnssd.dylib
0x7fff72fd5000 - 0x7fff72fd6fff libsystem_featureflags.dylib (17) <DBCA4AA2-CA05-38D5-AB4B-BE0F3E09BB8B> /usr/lib/system/libsystem_featureflags.dylib
0x7fff72fd7000 - 0x7fff73024fff libsystem_info.dylib (538) <9F9D6368-A11E-32F1-9BB5-C153F42EFED8> /usr/lib/system/libsystem_info.dylib
0x7fff73025000 - 0x7fff73051fff libsystem_kernel.dylib (6153.11.26) <4CE9D54A-A975-348E-B878-EE74EDFC956B> /usr/lib/system/libsystem_kernel.dylib
0x7fff73052000 - 0x7fff73099fff libsystem_m.dylib (3178) <4F516261-0C0E-3105-AF35-EF39D6347B50> /usr/lib/system/libsystem_m.dylib
0x7fff7309a000 - 0x7fff730c1fff libsystem_malloc.dylib (283) <02925539-3CBA-39EB-BA6B-9A936CFA0BF8> /usr/lib/system/libsystem_malloc.dylib

```

0x7fff730c2000 - 0x7fff730cfff3 libsystem_networkextension.dylib (1095.11.9)
<8B5EE189-E3D1-31FD-878F-50286B6E7047> /usr/lib/system/
libsystem_networkextension.dylib
0x7fff730d0000 - 0x7fff730d9fff libsystem_notify.dylib (241) <89381127-2A07-3F07-
B865-358FACCF9102> /usr/lib/system/libsystem_notify.dylib
0x7fff730da000 - 0x7fff730e3fe7 libsystem_platform.dylib (220)
<90E508E4-46D8-33FF-8552-DDAA079977A0> /usr/lib/system/libsystem_platform.dylib
0x7fff730e4000 - 0x7fff730eefff libsystem_pthread.dylib (416.11.1) <2EA6F95F-
F264-30B6-8AF2-24197B5AED84> /usr/lib/system/libsystem_pthread.dylib
0x7fff730ef000 - 0x7fff730f3ffb libsystem_sandbox.dylib (1217.11.16) <51129CBB-
BC46-37F1-A1B5-ECFA9530704D> /usr/lib/system/libsystem_sandbox.dylib
0x7fff730f4000 - 0x7fff730f6fff libsystem_secinit.dylib (62.0.4) <A48D9AF3-75F2-3331-
A0C8-0A23771F4AC7> /usr/lib/system/libsystem_secinit.dylib
0x7fff730f7000 - 0x7fff730feffb libsystem_symptoms.dylib (1238.0.2)
<08E8CF75-5F77-3475-A48E-A01CBDF09173> /usr/lib/system/libsystem_symptoms.dylib
0x7fff730ff000 - 0x7fff73115ff2 libsystem_trace.dylib (1147.0.3) <5836645E-9862-326D-
AB3B-A19E76BE29B9> /usr/lib/system/libsystem_trace.dylib
0x7fff73117000 - 0x7fff7311cffb libunwind.dylib (35.4) <F5AE1D43-7C5F-3BA2-94D3-
E769F82C0F61> /usr/lib/system/libunwind.dylib
0x7fff7311d000 - 0x7fff73151ff6 libxpc.dylib (1738.11.1) <2E9076CD-6C0E-38B6-8403-
B2DDCE125FBF> /usr/lib/system/libxpc.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: 7456
thread_create: 0
thread_set_state: 0

```

VM Region Summary:

ReadOnly portion of Libraries: Total=606.0M resident=0K(0%)

swapped_out_or_unallocated=606.0M(100%)

Writable regions: Total=222.9M written=0K(0%) resident=0K(0%) swapped_out=0K(0%)

unallocated=222.9M(100%)

REGION TYPE	VIRTUAL REGION	
	SIZE	COUNT (non-coalesced)
=====	=====	=====
Accelerate framework	128K	1
Activity Tracing	256K	1
CG backing stores	5492K	8
CG image	36K	1
CG raster data	140K	3
CoreGraphics	8K	1
CoreImage	8K	2
CoreUI image data	376K	6
Dispatch continuations	8192K	1

Foundation	4K	1
Kernel Alloc Once	8K	1
MALLOC	176.8M	141
MALLOC guard page	32K	7
Memory Tag 242	12K	1
STACK GUARD	56.1M	36
Stack	23.5M	36
VM_ALLOCATE	2220K	18
__DATA	33.2M	334
__DATA_CONST	24K	2
__FONT_DATA	4K	1
__LINKEDIT	354.4M	36
__OBJC_RO	31.8M	1
__OBJC_RW	1764K	2
__TEXT	251.6M	325
__UNICODE	564K	1
mapped file	56.5M	24
shared memory	664K	20
=====	=====	=====
TOTAL	1.0G	1011

Model: MacBookAir7,2, BootROM 190.0.0.0.0, 2 processors, Dual-Core Intel Core i5, 1.8 GHz, 8 GB, SMC 2.27f2

Graphics: kHW_IntelHDGraphics6000Item, Intel HD Graphics 6000, spdisplays_builtin

Memory Module: BANK 0/DIMM0, 4 GB, DDR3, 1600 MHz, 0x80AD, 0x483943434E4E4E424C54424C41522D4E5444

Memory Module: BANK 1/DIMM0, 4 GB, DDR3, 1600 MHz, 0x80AD, 0x483943434E4E4E424C54424C41522D4E5444

AirPort: spairport_wireless_card_type_airport_extreme (0x14E4, 0x117), Broadcom BCM43xx 1.0 (7.77.105.1 AirPortDriverBrcmNIC-1429)

Bluetooth: Version 7.0.0f8, 3 services, 27 devices, 1 incoming serial ports

Network Service: Wi-Fi, AirPort, en0

Network Service: iPhone, Ethernet, en3

Serial ATA Device: APPLE SSD SM0128G, 121.33 GB

USB Device: USB 3.0 Bus

USB Device: BRCM20702 Hub

USB Device: Bluetooth USB Host Controller

USB Device: iPhone

USB Device: USB Receiver

Thunderbolt Bus: MacBook Air, Apple Inc., 27.2