Process: MarginNote 3 [23814]

Path: /Applications/MarginNote 3.app/Contents/MacOS/MarginNote 3

Identifier: MarginNote 3

Version: 3.7.4 (3.7.4006)

App Item ID: 1423522373

App External ID: 840481702

Code Type: X86-64 (Native)

Parent Process: ??? [1]

Responsible: MarginNote 3 [23814]

User ID: 501

Date/Time: 2021-03-17 19:07:34.553 +0330

OS Version: Mac OS X 10.13.6 (17G14042)

Report Version: 12

Anonymous UUID: E87E981D-57A6-331C-4026-CD2D0141E3A4

Sleep/Wake UUID: 14A625AE-02BC-42DB-AD30-0803A73CA29D

Time Awake Since Boot: 510000 seconds

Time Since Wake: 7800 seconds

System Integrity Protection: enabled

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

Exception Type: EXC\_CRASH (SIGABRT)

Exception Codes: 0x0000000000000000, 0x0000000000000000

Exception Note: EXC\_CORPSE\_NOTIFY

Application Specific Information:

abort() called

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

0 libsystem\_kernel.dylib 0x00007fff7a1b7b66 \_\_pthread\_kill + 10

1 libsystem\_pthread.dylib 0x00007fff7a382080 pthread\_kill + 333

2 libsystem\_c.dylib 0x00007fff7a1131ae abort + 127

3 QReader.MarginStudyMac 0x0000000104f24851 uncaught\_exception\_handler.cold.1 + 24

4 QReader.MarginStudyMac 0x000000010438eb8a uncaught\_exception\_handler + 39

5 com.apple.CoreFoundation 0x00007fff521306c2 \_\_handleUncaughtException + 770

6 libobjc.A.dylib 0x00007fff7944ea41 \_objc\_terminate() + 91

7 QReader.MarginStudyMac 0x0000000104382e8e MSACCrashesUncaughtCXXTerminateHandler() + 774

8 libc++abi.dylib 0x00007fff780297c9 std::\_\_terminate(void (\*)()) + 8

9 libc++abi.dylib 0x00007fff78029843 std::terminate() + 51

10 libdispatch.dylib 0x00007fff7a02ddcc \_dispatch\_client\_callout + 28

11 libdispatch.dylib 0x00007fff7a039395 \_dispatch\_main\_queue\_callback\_4CF + 1148

12 com.apple.CoreFoundation 0x00007fff52058c69 \_\_CFRUNLOOP\_IS\_SERVICING\_THE\_MAIN\_DISPATCH\_QUEUE\_\_ + 9

13 com.apple.CoreFoundation 0x00007fff5201b43a \_\_CFRunLoopRun + 2586

14 com.apple.CoreFoundation 0x00007fff5201a787 CFRunLoopRunSpecific + 487

15 com.apple.HIToolbox 0x00007fff512fad96 RunCurrentEventLoopInMode + 286

16 com.apple.HIToolbox 0x00007fff512fab06 ReceiveNextEventCommon + 613

17 com.apple.HIToolbox 0x00007fff512fa884 \_BlockUntilNextEventMatchingListInModeWithFilter + 64

18 com.apple.AppKit 0x00007fff4f5a7a3b \_DPSNextEvent + 2085

19 com.apple.AppKit 0x00007fff4fd3de34 -[NSApplication(NSEvent) \_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 3044

20 com.apple.AppKit 0x00007fff4f59c84d -[NSApplication run] + 764

21 com.apple.AppKit 0x00007fff4f56ba3a NSApplicationMain + 804

22 libdyld.dylib 0x00007fff7a067015 start + 1

Thread 1:

0 libsystem\_kernel.dylib 0x00007fff7a1b828a \_\_workq\_kernreturn + 10

1 libsystem\_pthread.dylib 0x00007fff7a37f009 \_pthread\_wqthread + 1035

2 libsystem\_pthread.dylib 0x00007fff7a37ebe9 start\_wqthread + 13

Thread 2:: Dispatch queue: NSOperationQueue 0x60000022d660 (QOS: UTILITY)

0 libsystem\_kernel.dylib 0x00007fff7a1b7236 \_\_getattrlist + 10

1 com.apple.CoreServicesInternal 0x00007fff65aea627 corePropertyProviderPrepareValues(\_\_CFURL const\*, \_\_FileCache\*, \_\_CFString const\* const\*, void const\*\*, long, void const\*, \_\_CFError\*\*) + 571

2 com.apple.CoreServicesInternal 0x00007fff65aea39e prepareValuesForBitmap(\_\_CFURL const\*, \_\_FileCache\*, \_FilePropertyBitmap\*, \_\_CFError\*\*) + 312

3 com.apple.CoreServicesInternal 0x00007fff65ae7bab \_FSURLCopyResourcePropertyForKeyInternal(\_\_CFURL const\*, \_\_CFString const\*, void\*, void\*, \_\_CFError\*\*, unsigned char) + 214

4 com.apple.CoreFoundation 0x00007fff5200020b CFURLCopyResourcePropertyForKey + 283

5 com.apple.CoreFoundation 0x00007fff52003ebe -[NSURL getResourceValue:forKey:error:] + 190

6 com.apple.CloudDocs 0x00007fff63b56154 -[NSURL(BRAdditions) br\_isParentOfURL:strictly:] + 165

7 com.apple.CloudDocs 0x00007fff63b580ed -[NSURL(BRAdditions) \_br\_isInSyncedLocationStrictly:] + 272

8 com.apple.CloudDocsFileProvider 0x000000010e43fffc 0x10e43e000 + 8188

9 com.apple.CoreFoundation 0x00007fff520182bc \_\_invoking\_\_\_ + 140

10 com.apple.CoreFoundation 0x00007fff52018190 -[NSInvocation invoke] + 320

11 com.apple.CoreFoundation 0x00007fff520310e6 -[NSInvocation invokeWithTarget:] + 54

12 com.apple.FileProvider 0x00007fff678b3fff -[FPFrameworkOverridesIterator callNextOverrides] + 516

13 com.apple.FileProvider 0x00007fff678b4145 -[FPFrameworkOverridesIterator forwardInvocation:] + 81

14 com.apple.CoreFoundation 0x00007fff52016c3c \_\_\_forwarding\_\_\_ + 732

15 com.apple.CoreFoundation 0x00007fff520168d8 \_CF\_forwarding\_prep\_0 + 120

16 com.apple.FileProvider 0x00007fff678c2602 FPCFGetAttributeValuesForItem + 301

17 com.apple.CoreServicesInternal 0x00007fff65b12be2 Dispatch\_to\_FPCFGetAttributeValuesForItem(\_\_CFURL const\*, void const\*, void const\*\*, \_\_CFError\*\*) + 234

18 com.apple.CoreServicesInternal 0x00007fff65af8d1d ExternalProviderPrepareValues(\_\_CFURL const\*, \_\_FileCache\*, \_\_CFString const\* const\*, void const\*\*, long, void const\*, \_\_CFError\*\*) + 361

19 com.apple.CoreServicesInternal 0x00007fff65aea39e prepareValuesForBitmap(\_\_CFURL const\*, \_\_FileCache\*, \_FilePropertyBitmap\*, \_\_CFError\*\*) + 312

20 com.apple.CoreServicesInternal 0x00007fff65ae7bab \_FSURLCopyResourcePropertyForKeyInternal(\_\_CFURL const\*, \_\_CFString const\*, void\*, void\*, \_\_CFError\*\*, unsigned char) + 214

21 com.apple.CoreFoundation 0x00007fff5200020b CFURLCopyResourcePropertyForKey + 283

22 com.apple.CoreFoundation 0x00007fff52003ebe -[NSURL getResourceValue:forKey:error:] + 190

23 QReader.MarginStudyMac 0x0000000104c683b5 -[iCloud updateFiles] + 981

24 QReader.MarginStudyMac 0x0000000104c66d8f -[iCloud endUpdate:] + 31

25 com.apple.CoreFoundation 0x00007fff5203039c \_\_CFNOTIFICATIONCENTER\_IS\_CALLING\_OUT\_TO\_AN\_OBSERVER\_\_ + 12

26 com.apple.CoreFoundation 0x00007fff5203026a \_CFXRegistrationPost + 458

27 com.apple.CoreFoundation 0x00007fff5202ffa1 \_\_\_CFXNotificationPost\_block\_invoke + 225

28 com.apple.CoreFoundation 0x00007fff51feeb32 -[\_CFXNotificationRegistrar find:object:observer:enumerator:] + 1826

29 com.apple.CoreFoundation 0x00007fff51fedbc3 \_CFXNotificationPost + 659

30 com.apple.Foundation 0x00007fff5411c047 -[NSNotificationCenter postNotificationName:object:userInfo:] + 66

31 com.apple.Foundation 0x00007fff5429cc99 -[NSMetadataQuery \_noteNote4:] + 158

32 com.apple.CoreFoundation 0x00007fff5203039c \_\_CFNOTIFICATIONCENTER\_IS\_CALLING\_OUT\_TO\_AN\_OBSERVER\_\_ + 12

33 com.apple.CoreFoundation 0x00007fff5203026a \_CFXRegistrationPost + 458

34 com.apple.CoreFoundation 0x00007fff5202ffa1 \_\_\_CFXNotificationPost\_block\_invoke + 225

35 com.apple.CoreFoundation 0x00007fff51feeb32 -[\_CFXNotificationRegistrar find:object:observer:enumerator:] + 1826

36 com.apple.CoreFoundation 0x00007fff51fedbc3 \_CFXNotificationPost + 659

37 com.apple.Foundation 0x00007fff5411c047 -[NSNotificationCenter postNotificationName:object:userInfo:] + 66

38 com.apple.CloudDocs 0x00007fff63b77c1c -[BRQuery \_postNote:] + 203

39 com.apple.CloudDocs 0x00007fff63b79ac0 -[BRQuery \_processChanges:] + 1035

40 com.apple.Foundation 0x00007fff54151dbf \_\_NSBLOCKOPERATION\_IS\_CALLING\_OUT\_TO\_A\_BLOCK\_\_ + 7

41 com.apple.Foundation 0x00007fff54151c21 -[NSBlockOperation main] + 68

42 com.apple.Foundation 0x00007fff541500ce -[\_\_NSOperationInternal \_start:] + 778

43 libdispatch.dylib 0x00007fff7a02ddb8 \_dispatch\_client\_callout + 8

44 libdispatch.dylib 0x00007fff7a04033e \_dispatch\_block\_invoke\_direct + 317

45 libdispatch.dylib 0x00007fff7a02ddb8 \_dispatch\_client\_callout + 8

46 libdispatch.dylib 0x00007fff7a04033e \_dispatch\_block\_invoke\_direct + 317

47 libdispatch.dylib 0x00007fff7a0401e1 dispatch\_block\_perform + 109

48 com.apple.Foundation 0x00007fff5414c0dc \_\_NSOQSchedule\_f + 342

49 libdispatch.dylib 0x00007fff7a02ddb8 \_dispatch\_client\_callout + 8

50 libdispatch.dylib 0x00007fff7a040e81 \_dispatch\_continuation\_pop + 472

51 libdispatch.dylib 0x00007fff7a038733 \_dispatch\_async\_redirect\_invoke + 703

52 libdispatch.dylib 0x00007fff7a02f9a9 \_dispatch\_root\_queue\_drain + 515

53 libdispatch.dylib 0x00007fff7a02f755 \_dispatch\_worker\_thread3 + 101

54 libsystem\_pthread.dylib 0x00007fff7a37f169 \_pthread\_wqthread + 1387

55 libsystem\_pthread.dylib 0x00007fff7a37ebe9 start\_wqthread + 13

Thread 3:

0 libsystem\_pthread.dylib 0x00007fff7a37ebdc start\_wqthread + 0

1 ??? 0x7500710069006200 0 + 8430862749013139968

Thread 4:

0 libsystem\_kernel.dylib 0x00007fff7a1b828a \_\_workq\_kernreturn + 10

1 libsystem\_pthread.dylib 0x00007fff7a37f009 \_pthread\_wqthread + 1035

2 libsystem\_pthread.dylib 0x00007fff7a37ebe9 start\_wqthread + 13

Thread 5:: Dispatch queue: com.apple.spotlight.CoreSpotlight.throttle

0 libsystem\_kernel.dylib 0x00007fff7a1ae1fa mach\_msg\_trap + 10

1 libsystem\_kernel.dylib 0x00007fff7a1ad714 mach\_msg + 60

2 libdispatch.dylib 0x00007fff7a048ac2 \_dispatch\_mach\_send\_and\_wait\_for\_reply + 756

3 libdispatch.dylib 0x00007fff7a048fad dispatch\_mach\_send\_with\_result\_and\_wait\_for\_reply + 53

4 libxpc.dylib 0x00007fff7a3bcd7c xpc\_connection\_send\_message\_with\_reply\_sync + 164

5 com.apple.LaunchServices 0x00007fff535cbef2 prepareLocalizedNameValue(\_LSOnDemandContext&, FSNode\*, \_\_FileCache\*, \_\_CFString const\*, NSError\* \_\_autoreleasing\*) + 562

6 com.apple.LaunchServices 0x00007fff534c5beb LSPropertyProviderPrepareValues(\_\_CFURL const\*, \_\_FileCache\*, \_\_CFString const\* const\*, void const\*\*, long, void const\*, \_\_CFError\*\*) + 598

7 com.apple.CoreServicesInternal 0x00007fff65aea39e prepareValuesForBitmap(\_\_CFURL const\*, \_\_FileCache\*, \_FilePropertyBitmap\*, \_\_CFError\*\*) + 312

8 com.apple.CoreServicesInternal 0x00007fff65ae7bab \_FSURLCopyResourcePropertyForKeyInternal(\_\_CFURL const\*, \_\_CFString const\*, void\*, void\*, \_\_CFError\*\*, unsigned char) + 214

9 com.apple.CoreFoundation 0x00007fff5200020b CFURLCopyResourcePropertyForKey + 283

10 com.apple.CoreFoundation 0x00007fff52003ebe -[NSURL getResourceValue:forKey:error:] + 190

11 com.apple.CoreSpotlight 0x00007fff53842926 \_\_46+[CSSearchableIndex mainBundleLocalizedString]\_block\_invoke + 151

12 libdispatch.dylib 0x00007fff7a02ddb8 \_dispatch\_client\_callout + 8

13 libdispatch.dylib 0x00007fff7a02dd6b dispatch\_once\_f + 41

14 com.apple.CoreSpotlight 0x00007fff5384288c +[CSSearchableIndex mainBundleLocalizedString] + 45

15 com.apple.CoreSpotlight 0x00007fff53825b8f +[CSSearchableItem(Internal) searchableItemFromUserActivity:bundleID:] + 967

16 com.apple.CoreSpotlight 0x00007fff53848f7e \_\_39-[CSSearchableIndex indexUserActivity:]\_block\_invoke + 66

17 libdispatch.dylib 0x00007fff7a0355fa \_dispatch\_call\_block\_and\_release + 12

18 libdispatch.dylib 0x00007fff7a02ddb8 \_dispatch\_client\_callout + 8

19 libdispatch.dylib 0x00007fff7a042217 \_dispatch\_queue\_serial\_drain + 635

20 libdispatch.dylib 0x00007fff7a035166 \_dispatch\_queue\_invoke + 373

21 libdispatch.dylib 0x00007fff7a04207a \_dispatch\_queue\_serial\_drain + 222

22 libdispatch.dylib 0x00007fff7a035166 \_dispatch\_queue\_invoke + 373

23 libdispatch.dylib 0x00007fff7a042f0d \_dispatch\_root\_queue\_drain\_deferred\_wlh + 332

24 libdispatch.dylib 0x00007fff7a046d21 \_dispatch\_workloop\_worker\_thread + 880

25 libsystem\_pthread.dylib 0x00007fff7a37efd2 \_pthread\_wqthread + 980

26 libsystem\_pthread.dylib 0x00007fff7a37ebe9 start\_wqthread + 13

Thread 6:

0 libsystem\_kernel.dylib 0x00007fff7a1b828a \_\_workq\_kernreturn + 10

1 libsystem\_pthread.dylib 0x00007fff7a37f20e \_pthread\_wqthread + 1552

2 libsystem\_pthread.dylib 0x00007fff7a37ebe9 start\_wqthread + 13

Thread 7:

0 libsystem\_kernel.dylib 0x00007fff7a1ae1fa mach\_msg\_trap + 10

1 libsystem\_kernel.dylib 0x00007fff7a1ad714 mach\_msg + 60

2 QReader.MarginStudyMac 0x0000000104398ffa exception\_server\_thread + 211

3 libsystem\_pthread.dylib 0x00007fff7a37f661 \_pthread\_body + 340

4 libsystem\_pthread.dylib 0x00007fff7a37f50d \_pthread\_start + 377

5 libsystem\_pthread.dylib 0x00007fff7a37ebf9 thread\_start + 13

Thread 8:

0 QReader.MarginStudyMac 0x0000000104ba0010 -[PSTCollectionViewCell .cxx\_destruct] + 0

1 libobjc.A.dylib 0x00007fff7944842e object\_cxxDestructFromClass(objc\_object\*, objc\_class\*) + 127

2 libobjc.A.dylib 0x00007fff794412b1 objc\_destructInstance + 92

3 libobjc.A.dylib 0x00007fff79441244 object\_dispose + 22

4 org.chameleonproject.UIKit 0x000000010639bc10 -[UIView dealloc] + 306

5 QReader.MarginStudyMac 0x00000001046ae78c -[MbBookCollectionViewCell dealloc] + 332

6 QReader.MarginStudyMac 0x00000001043f4457 \_\_destroy\_helper\_block\_e8\_32o40o48o56o + 23

7 libsystem\_blocks.dylib 0x00007fff7a0b599d \_Block\_release + 111

8 QReader.MarginStudyMac 0x00000001041e8d08 \_\_destroy\_helper\_block\_e8\_32s40s48s + 24

9 libsystem\_blocks.dylib 0x00007fff7a0b599d \_Block\_release + 111

10 com.apple.Foundation 0x00007fff5417d991 \_\_NSThreadPerformPerform + 394

11 com.apple.CoreFoundation 0x00007fff52038b01 \_\_CFRUNLOOP\_IS\_CALLING\_OUT\_TO\_A\_SOURCE0\_PERFORM\_FUNCTION\_\_ + 17

12 com.apple.CoreFoundation 0x00007fff520f0e5c \_\_CFRunLoopDoSource0 + 108

13 com.apple.CoreFoundation 0x00007fff5201bab0 \_\_CFRunLoopDoSources0 + 208

14 com.apple.CoreFoundation 0x00007fff5201af2d \_\_CFRunLoopRun + 1293

15 com.apple.CoreFoundation 0x00007fff5201a787 CFRunLoopRunSpecific + 487

16 com.apple.Foundation 0x00007fff54136706 -[NSRunLoop(NSRunLoop) runMode:beforeDate:] + 277

17 QReader.MarginStudyMac 0x0000000104c6f5f6 -[AsyncTaskManager threadLoop] + 262

18 com.apple.Foundation 0x00007fff541449d8 \_\_NSThread\_\_start\_\_ + 1197

19 libsystem\_pthread.dylib 0x00007fff7a37f661 \_pthread\_body + 340

20 libsystem\_pthread.dylib 0x00007fff7a37f50d \_pthread\_start + 377

21 libsystem\_pthread.dylib 0x00007fff7a37ebf9 thread\_start + 13

Thread 9:

0 libsystem\_kernel.dylib 0x00007fff7a1ae1fa mach\_msg\_trap + 10

1 libsystem\_kernel.dylib 0x00007fff7a1ad714 mach\_msg + 60

2 com.apple.CoreFoundation 0x00007fff5201bdc5 \_\_CFRunLoopServiceMachPort + 341

3 com.apple.CoreFoundation 0x00007fff5201b117 \_\_CFRunLoopRun + 1783

4 com.apple.CoreFoundation 0x00007fff5201a787 CFRunLoopRunSpecific + 487

5 com.apple.Foundation 0x00007fff54136706 -[NSRunLoop(NSRunLoop) runMode:beforeDate:] + 277

6 QReader.MarginStudyMac 0x0000000104c6f5f6 -[AsyncTaskManager threadLoop] + 262

7 com.apple.Foundation 0x00007fff541449d8 \_\_NSThread\_\_start\_\_ + 1197

8 libsystem\_pthread.dylib 0x00007fff7a37f661 \_pthread\_body + 340

9 libsystem\_pthread.dylib 0x00007fff7a37f50d \_pthread\_start + 377

10 libsystem\_pthread.dylib 0x00007fff7a37ebf9 thread\_start + 13

Thread 10:

0 libsystem\_kernel.dylib 0x00007fff7a1ae1fa mach\_msg\_trap + 10

1 libsystem\_kernel.dylib 0x00007fff7a1ad714 mach\_msg + 60

2 com.apple.CoreFoundation 0x00007fff5201bdc5 \_\_CFRunLoopServiceMachPort + 341

3 com.apple.CoreFoundation 0x00007fff5201b117 \_\_CFRunLoopRun + 1783

4 com.apple.CoreFoundation 0x00007fff5201a787 CFRunLoopRunSpecific + 487

5 com.apple.Foundation 0x00007fff54136706 -[NSRunLoop(NSRunLoop) runMode:beforeDate:] + 277

6 QReader.MarginStudyMac 0x0000000104c6f5f6 -[AsyncTaskManager threadLoop] + 262

7 com.apple.Foundation 0x00007fff541449d8 \_\_NSThread\_\_start\_\_ + 1197

8 libsystem\_pthread.dylib 0x00007fff7a37f661 \_pthread\_body + 340

9 libsystem\_pthread.dylib 0x00007fff7a37f50d \_pthread\_start + 377

10 libsystem\_pthread.dylib 0x00007fff7a37ebf9 thread\_start + 13

Thread 11:: Dispatch queue: SQLQueue 0x7ff1e7445560 for MarginNotes.sqlite

0 libsystem\_kernel.dylib 0x00007fff7a1b90b2 pread + 10

1 libsqlite3.dylib 0x00007fff79a26197 seekAndRead + 167

2 libsqlite3.dylib 0x00007fff79971cf6 unixRead + 166

3 libsqlite3.dylib 0x00007fff799981fc readDbPage + 124

4 libsqlite3.dylib 0x00007fff79a2e267 getPageNormal + 967

5 libsqlite3.dylib 0x00007fff79a36b0a getAndInitPage + 74

6 libsqlite3.dylib 0x00007fff799c5c4c moveToRoot + 476

7 libsqlite3.dylib 0x00007fff79a35e02 sqlite3BtreeFirst + 18

8 libsqlite3.dylib 0x00007fff799b439a sqlite3VdbeExec + 4410

9 libsqlite3.dylib 0x00007fff799b28ae sqlite3\_step + 2846

10 com.apple.CoreData 0x00007fff51b692c7 \_execute + 151

11 com.apple.CoreData 0x00007fff51b68f2a -[NSSQLiteConnection execute] + 3242

12 com.apple.CoreData 0x00007fff51b80c0e newFetchedRowsForFetchPlan\_MT + 958

13 com.apple.CoreData 0x00007fff51d94397 \_executeFetchRequest + 55

14 com.apple.CoreData 0x00007fff51ca2ca3 -[NSSQLFetchRequestContext executeRequestCore:] + 35

15 com.apple.CoreData 0x00007fff51d5153d -[NSSQLStoreRequestContext executeRequestUsingConnection:] + 205

16 com.apple.CoreData 0x00007fff51d60e5b \_\_52-[NSSQLDefaultConnectionManager handleStoreRequest:]\_block\_invoke + 75

17 libdispatch.dylib 0x00007fff7a02ddb8 \_dispatch\_client\_callout + 8

18 libdispatch.dylib 0x00007fff7a0411e1 \_dispatch\_queue\_barrier\_sync\_invoke\_and\_complete + 60

19 com.apple.CoreData 0x00007fff51d60d43 -[NSSQLDefaultConnectionManager handleStoreRequest:] + 339

20 com.apple.CoreData 0x00007fff51c9de64 -[NSSQLCoreDispatchManager routeStoreRequest:] + 308

21 com.apple.CoreData 0x00007fff51c64175 -[NSSQLCore dispatchRequest:withRetries:] + 229

22 com.apple.CoreData 0x00007fff51c6104d -[NSSQLCore processFetchRequest:inContext:] + 93

23 com.apple.CoreData 0x00007fff51b6fc2b -[NSSQLCore executeRequest:withContext:error:] + 587

24 com.apple.CoreData 0x00007fff51c3e2ab \_\_65-[NSPersistentStoreCoordinator executeRequest:withContext:error:]\_block\_invoke + 1691

25 com.apple.CoreData 0x00007fff51c3536a -[NSPersistentStoreCoordinator \_routeHeavyweightBlock:] + 378

26 com.apple.CoreData 0x00007fff51b6f584 -[NSPersistentStoreCoordinator executeRequest:withContext:error:] + 660

27 com.apple.CoreData 0x00007fff51b6d7f9 -[NSManagedObjectContext executeFetchRequest:error:] + 585

28 QReader.MarginStudyMac 0x0000000104458d01 -[MbModelTool getBookTags] + 177

29 QReader.MarginStudyMac 0x0000000104745f81 \_\_54-[MbUIBookShelfViewController refreshBookTagSpotLight]\_block\_invoke + 305

30 QReader.MarginStudyMac 0x0000000104c6faa5 \_\_45-[AsyncTaskManager performBlock:dbTool:sync:]\_block\_invoke + 165

31 com.apple.Foundation 0x00007fff5417d955 \_\_NSThreadPerformPerform + 334

32 com.apple.CoreFoundation 0x00007fff52038b01 \_\_CFRUNLOOP\_IS\_CALLING\_OUT\_TO\_A\_SOURCE0\_PERFORM\_FUNCTION\_\_ + 17

33 com.apple.CoreFoundation 0x00007fff520f0e5c \_\_CFRunLoopDoSource0 + 108

34 com.apple.CoreFoundation 0x00007fff5201bab0 \_\_CFRunLoopDoSources0 + 208

35 com.apple.CoreFoundation 0x00007fff5201af2d \_\_CFRunLoopRun + 1293

36 com.apple.CoreFoundation 0x00007fff5201a787 CFRunLoopRunSpecific + 487

37 com.apple.Foundation 0x00007fff54136706 -[NSRunLoop(NSRunLoop) runMode:beforeDate:] + 277

38 QReader.MarginStudyMac 0x0000000104c6f5f6 -[AsyncTaskManager threadLoop] + 262

39 com.apple.Foundation 0x00007fff541449d8 \_\_NSThread\_\_start\_\_ + 1197

40 libsystem\_pthread.dylib 0x00007fff7a37f661 \_pthread\_body + 340

41 libsystem\_pthread.dylib 0x00007fff7a37f50d \_pthread\_start + 377

42 libsystem\_pthread.dylib 0x00007fff7a37ebf9 thread\_start + 13

Thread 12:: Dispatch queue: SQLQueue 0x7ff1e7542390 for MNCloudCache.sqlite

0 libsystem\_kernel.dylib 0x00007fff7a1b951a stat$INODE64 + 10

1 libsqlite3.dylib 0x00007fff7999493f unixAccess + 63

2 libsqlite3.dylib 0x00007fff79993ea4 sqlite3PagerSharedLock + 1092

3 libsqlite3.dylib 0x00007fff799932f9 sqlite3BtreeBeginTrans + 1849

4 libsqlite3.dylib 0x00007fff7998c96d sqlite3InitOne + 669

5 libsqlite3.dylib 0x00007fff7998c584 sqlite3Init + 132

6 libsqlite3.dylib 0x00007fff799ca39a sqlite3LocateTable + 378

7 libsqlite3.dylib 0x00007fff799a1ead selectExpander + 1373

8 libsqlite3.dylib 0x00007fff799a1825 sqlite3WalkSelect + 53

9 libsqlite3.dylib 0x00007fff79a493d6 sqlite3SelectPrep + 150

10 libsqlite3.dylib 0x00007fff799993c3 sqlite3Select + 227

11 libsqlite3.dylib 0x00007fff799772f2 yy\_reduce + 2178

12 libsqlite3.dylib 0x00007fff7997579a sqlite3RunParser + 538

13 libsqlite3.dylib 0x00007fff79974682 sqlite3Prepare + 850

14 libsqlite3.dylib 0x00007fff79974284 sqlite3LockAndPrepare + 292

15 libsqlite3.dylib 0x00007fff799e477e sqlite3\_prepare\_v2 + 254

16 com.apple.CoreData 0x00007fff51b67b12 -[NSSQLiteConnection prepareSQLStatement:] + 498

17 com.apple.CoreData 0x00007fff51ba09dc -[NSSQLiteConnection \_hasTableWithName:] + 828

18 com.apple.CoreData 0x00007fff51b656fc -[NSSQLiteConnection connect] + 2268

19 com.apple.CoreData 0x00007fff51c5f3c0 \_\_32-[NSSQLCore \_loadAndSetMetadata]\_block\_invoke + 160

20 com.apple.CoreData 0x00007fff51c7824e \_\_37-[NSSQLiteConnection performAndWait:]\_block\_invoke + 30

21 libdispatch.dylib 0x00007fff7a02ddb8 \_dispatch\_client\_callout + 8

22 libdispatch.dylib 0x00007fff7a0411e1 \_dispatch\_queue\_barrier\_sync\_invoke\_and\_complete + 60

23 com.apple.CoreData 0x00007fff51c78184 -[NSSQLiteConnection performAndWait:] + 164

24 com.apple.CoreData 0x00007fff51b64520 -[NSSQLCore \_loadAndSetMetadata] + 352

25 com.apple.CoreData 0x00007fff51b6421d -[NSSQLCore loadMetadata:] + 77

26 com.apple.CoreData 0x00007fff51c39019 \_\_91-[NSPersistentStoreCoordinator addPersistentStoreWithType:configuration:URL:options:error:]\_block\_invoke + 1993

27 com.apple.CoreData 0x00007fff51c4bca2 gutsOfBlockToNSPersistentStoreCoordinatorPerform + 210

28 libdispatch.dylib 0x00007fff7a02ddb8 \_dispatch\_client\_callout + 8

29 libdispatch.dylib 0x00007fff7a0411e1 \_dispatch\_queue\_barrier\_sync\_invoke\_and\_complete + 60

30 com.apple.CoreData 0x00007fff51c34f82 \_perform + 194

31 com.apple.CoreData 0x00007fff51b5b26f -[NSPersistentStoreCoordinator addPersistentStoreWithType:configuration:URL:options:error:] + 559

32 QReader.MarginStudyMac 0x00000001049d476c -[iCloudSyncManager persistentStoreCoordinatorCloudCache] + 636

33 QReader.MarginStudyMac 0x00000001049d4a34 -[iCloudSyncManager cloudCacheObjectContext] + 52

34 QReader.MarginStudyMac 0x00000001049d3219 \_\_25-[iCloudSyncManager init]\_block\_invoke + 41

35 QReader.MarginStudyMac 0x00000001049d5ac5 -[iCloudSyncManager \_execBlock:] + 37

36 com.apple.Foundation 0x00007fff5417d955 \_\_NSThreadPerformPerform + 334

37 com.apple.CoreFoundation 0x00007fff52038b01 \_\_CFRUNLOOP\_IS\_CALLING\_OUT\_TO\_A\_SOURCE0\_PERFORM\_FUNCTION\_\_ + 17

38 com.apple.CoreFoundation 0x00007fff520f0e5c \_\_CFRunLoopDoSource0 + 108

39 com.apple.CoreFoundation 0x00007fff5201bab0 \_\_CFRunLoopDoSources0 + 208

40 com.apple.CoreFoundation 0x00007fff5201af2d \_\_CFRunLoopRun + 1293

41 com.apple.CoreFoundation 0x00007fff5201a787 CFRunLoopRunSpecific + 487

42 com.apple.Foundation 0x00007fff54136706 -[NSRunLoop(NSRunLoop) runMode:beforeDate:] + 277

43 QReader.MarginStudyMac 0x00000001049d52ed -[iCloudSyncManager threadLoop] + 429

44 com.apple.Foundation 0x00007fff541449d8 \_\_NSThread\_\_start\_\_ + 1197

45 libsystem\_pthread.dylib 0x00007fff7a37f661 \_pthread\_body + 340

46 libsystem\_pthread.dylib 0x00007fff7a37f50d \_pthread\_start + 377

47 libsystem\_pthread.dylib 0x00007fff7a37ebf9 thread\_start + 13

Thread 13:: com.apple.NSEventThread

0 libsystem\_kernel.dylib 0x00007fff7a1ae1fa mach\_msg\_trap + 10

1 libsystem\_kernel.dylib 0x00007fff7a1ad714 mach\_msg + 60

2 com.apple.CoreFoundation 0x00007fff5201bdc5 \_\_CFRunLoopServiceMachPort + 341

3 com.apple.CoreFoundation 0x00007fff5201b117 \_\_CFRunLoopRun + 1783

4 com.apple.CoreFoundation 0x00007fff5201a787 CFRunLoopRunSpecific + 487

5 com.apple.AppKit 0x00007fff4f6e4fc4 \_NSEventThread + 184

6 libsystem\_pthread.dylib 0x00007fff7a37f661 \_pthread\_body + 340

7 libsystem\_pthread.dylib 0x00007fff7a37f50d \_pthread\_start + 377

8 libsystem\_pthread.dylib 0x00007fff7a37ebf9 thread\_start + 13

Thread 14:

0 libsystem\_kernel.dylib 0x00007fff7a1b7a16 \_\_psynch\_cvwait + 10

1 libsystem\_pthread.dylib 0x00007fff7a380589 \_pthread\_cond\_wait + 732

2 libc++.1.dylib 0x00007fff77fbbcb0 std::\_\_1::condition\_variable::wait(std::\_\_1::unique\_lock<std::\_\_1::mutex>&) + 18

3 com.apple.JavaScriptCore 0x00007fff55cc88a6 void std::\_\_1::condition\_variable\_any::wait<std::\_\_1::unique\_lock<bmalloc::Mutex> >(std::\_\_1::unique\_lock<bmalloc::Mutex>&) + 86

4 com.apple.JavaScriptCore 0x00007fff55cc855b bmalloc::Scavenger::threadRunLoop() + 251

5 com.apple.JavaScriptCore 0x00007fff55cc8359 bmalloc::Scavenger::threadEntryPoint(bmalloc::Scavenger\*) + 9

6 com.apple.JavaScriptCore 0x00007fff55cc8698 void\* std::\_\_1::\_\_thread\_proxy<std::\_\_1::tuple<std::\_\_1::unique\_ptr<std::\_\_1::\_\_thread\_struct, std::\_\_1::default\_delete<std::\_\_1::\_\_thread\_struct> >, void (\*)(bmalloc::Scavenger\*), bmalloc::Scavenger\*> >(void\*) + 40

7 libsystem\_pthread.dylib 0x00007fff7a37f661 \_pthread\_body + 340

8 libsystem\_pthread.dylib 0x00007fff7a37f50d \_pthread\_start + 377

9 libsystem\_pthread.dylib 0x00007fff7a37ebf9 thread\_start + 13

Thread 15:

0 libsystem\_kernel.dylib 0x00007fff7a1b828a \_\_workq\_kernreturn + 10

1 libsystem\_pthread.dylib 0x00007fff7a37f009 \_pthread\_wqthread + 1035

2 libsystem\_pthread.dylib 0x00007fff7a37ebe9 start\_wqthread + 13

Thread 16:

0 libsystem\_pthread.dylib 0x00007fff7a37ebdc start\_wqthread + 0

1 ??? 0x0000000000000002 0 + 2

Thread 17:: com.apple.NSURLConnectionLoader

0 libsystem\_kernel.dylib 0x00007fff7a1ae1fa mach\_msg\_trap + 10

1 libsystem\_kernel.dylib 0x00007fff7a1ad714 mach\_msg + 60

2 com.apple.CoreFoundation 0x00007fff5201bdc5 \_\_CFRunLoopServiceMachPort + 341

3 com.apple.CoreFoundation 0x00007fff5201b117 \_\_CFRunLoopRun + 1783

4 com.apple.CoreFoundation 0x00007fff5201a787 CFRunLoopRunSpecific + 487

5 com.apple.CFNetwork 0x00007fff5115a158 -[\_\_CoreSchedulingSetRunnable runForever] + 722

6 com.apple.Foundation 0x00007fff541449d8 \_\_NSThread\_\_start\_\_ + 1197

7 libsystem\_pthread.dylib 0x00007fff7a37f661 \_pthread\_body + 340

8 libsystem\_pthread.dylib 0x00007fff7a37f50d \_pthread\_start + 377

9 libsystem\_pthread.dylib 0x00007fff7a37ebf9 thread\_start + 13

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

rax: 0x0000000000000000 rbx: 0x00007fffb2729380 rcx: 0x00007ffeeba6fe98 rdx: 0x0000000000000000

rdi: 0x0000000000000307 rsi: 0x0000000000000006 rbp: 0x00007ffeeba6fed0 rsp: 0x00007ffeeba6fe98

r8: 0x0000000000000010 r9: 0x00007ffeeba6fcc8 r10: 0x0000000000000000 r11: 0x0000000000000206

r12: 0x0000000000000307 r13: 0x00006000002b5480 r14: 0x0000000000000006 r15: 0x000000000000002d

rip: 0x00007fff7a1b7b66 rfl: 0x0000000000000206 cr2: 0x00000001063a5000

Logical CPU: 0

Error Code: 0x020000b8

Trap Number: 133

Binary Images:

0x10418e000 - 0x1055fd877 +QReader.MarginStudyMac (3.7.4 - 3.7.4006) <CC0C86AD-1197-3571-9B05-1D0EC02C145B> /Applications/MarginNote 3.app/Contents/MacOS/MarginNote 3

0x106354000 - 0x1063fbff7 +org.chameleonproject.UIKit (1.0 - 1) <1FA28341-13B6-3D34-85AB-2D30204200C9> /Applications/MarginNote 3.app/Contents/Frameworks/UIKit.framework/Versions/A/UIKit

0x106484000 - 0x106497ff7 +com.mixpanel.Mixpanel (1.0 - 3.0.0) <CAF06FF8-0BC3-35E7-A837-5B05C2D56EE9> /Applications/MarginNote 3.app/Contents/Frameworks/Mixpanel.framework/Versions/A/Mixpanel

0x1064b1000 - 0x106510fff +QReader.Alamofire (4.5.1 - 1) <8EEEB97B-B06D-3DF9-807D-365869D7F2D6> /Applications/MarginNote 3.app/Contents/Frameworks/Alamofire.framework/Versions/A/Alamofire

0x10654d000 - 0x106558ff7 +QReader.AsyncSwift (2.0.4 - 1) <14F20891-B61B-3B5B-A010-1EF42FDB32E8> /Applications/MarginNote 3.app/Contents/Frameworks/Async.framework/Versions/A/Async

0x10656b000 - 0x1065eefff +com.devmate.DevMateKit (1.10 - 1.10) <F941A685-1D46-3403-86DF-35D940F8711E> /Applications/MarginNote 3.app/Contents/Frameworks/DevMateKit.framework/Versions/A/DevMateKit

0x10669a000 - 0x1066b1fff +QReader.Swinject (2.0.0 - 1) <BB4E606B-9404-3C49-A915-88C31BE448FD> /Applications/MarginNote 3.app/Contents/Frameworks/Swinject.framework/Versions/A/Swinject

0x1066c6000 - 0x1066f5fff +QReader.EVReflection (5.2.1 - 1) <FB45D28A-9C99-3E0D-B3A1-8DE755B12DE3> /Applications/MarginNote 3.app/Contents/Frameworks/EVReflection.framework/Versions/A/EVReflection

0x106714000 - 0x106728ff7 +libswiftAppKit.dylib (5.0.1 - 1001.0.82.4) <1297109A-D760-3C74-A36C-C0273A7217EC> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftAppKit.dylib

0x10674f000 - 0x106762ff7 +libswiftCloudKit.dylib (5.0.1 - 1001.0.82.4) <D0C8EBA9-EEEE-37AD-B848-CDC09B5E1AE9> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftCloudKit.dylib

0x106783000 - 0x10678bff7 +libswiftCoreData.dylib (5.0.1 - 1001.0.82.4) <72A6FD8B-034C-3F50-9FF6-9D5723920201> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftCoreData.dylib

0x10679c000 - 0x10679ffff +libswiftCoreFoundation.dylib (5.0.1 - 1001.0.82.4) <C0D551D8-F4D4-3B6F-8148-05EE1CFFC97F> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftCoreFoundation.dylib

0x1067a7000 - 0x1067b6fff +libswiftCoreGraphics.dylib (5.0.1 - 1001.0.82.4) <4C9FA634-B14A-343E-9F76-5AAFCA5FC077> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftCoreGraphics.dylib

0x1067d8000 - 0x1067ddffb +libswiftCoreImage.dylib (5.0.1 - 1001.0.82.4) <E2D50227-8FAE-3104-88F0-6D8E01A9AB18> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftCoreImage.dylib

0x1067e5000 - 0x1067eafff +libswiftCoreLocation.dylib (5.0.1 - 1001.0.82.4) <3D402E87-210E-32E1-8F43-29D221D5D665> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftCoreLocation.dylib

0x1067f3000 - 0x1067faff7 +libswiftDarwin.dylib (5.0.1 - 1001.0.82.4) <144DA4C8-8322-3E6E-942D-9976CAFA8BAE> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftDarwin.dylib

0x10680c000 - 0x106824ff7 +libswiftDispatch.dylib (5.0.1 - 1001.0.82.4) <0A4818EF-BCD8-3183-9D34-5F8D4920C05C> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftDispatch.dylib

0x10685f000 - 0x1069f7ff7 +libswiftFoundation.dylib (5.0.1 - 1001.0.82.4) <868B3228-5A2C-3556-A77A-695000EFCE27> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftFoundation.dylib

0x106b79000 - 0x106b7cff3 +libswiftIOKit.dylib (5.0.1 - 1001.0.82.4) <75FE0421-8424-38AD-9372-17A730C44643> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftIOKit.dylib

0x106b89000 - 0x106bd3adf dyld (551.5) <CB9BFB56-4511-36F1-A546-891FF770C01C> /usr/lib/dyld

0x106c27000 - 0x106f98fff +libswiftCore.dylib (5.0.1 - 1001.0.82.4) <44D65143-94D5-306A-8D56-15359A7FF04E> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftCore.dylib

0x107281000 - 0x10728afff +libswiftMetal.dylib (5.0.1 - 1001.0.82.4) <A2ACD465-EF03-3F27-B6F9-390A6D66A040> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftMetal.dylib

0x107297000 - 0x10729bff7 +libswiftObjectiveC.dylib (5.0.1 - 1001.0.82.4) <1A3E8F91-FF6E-3733-B1AD-CC4D4F3378F4> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftObjectiveC.dylib

0x1072a7000 - 0x1072adff7 +libswiftQuartzCore.dylib (5.0.1 - 1001.0.82.4) <FB7CCE82-C7FA-3E50-904D-2FB4006AC1DF> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftQuartzCore.dylib

0x1072b6000 - 0x1072b9fff +libswiftXPC.dylib (5.0.1 - 1001.0.82.4) <D0199D63-5E28-3E52-907E-3832FBB94FCF> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftXPC.dylib

0x1072c2000 - 0x1072c9ff7 +libswiftos.dylib (5.0.1 - 1001.0.82.4) <A5A1203C-B3D4-350C-BC88-9CECDF62637E> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftos.dylib

0x1072d4000 - 0x1072daff7 +libswiftContacts.dylib (5.0.1 - 1001.0.82.4) <DC23DC24-5711-341D-B465-0FE8A776E65A> /Applications/MarginNote 3.app/Contents/Frameworks/libswiftContacts.dylib

0x10aa24000 - 0x10b26bfff com.apple.GeForceTeslaGLDriver (10.4.14 - 10.0.4) <2C4EEF6D-346C-316A-B388-FECFFF78095E> /System/Library/Extensions/GeForceTeslaGLDriver.bundle/Contents/MacOS/GeForceTeslaGLDriver

0x10e43e000 - 0x10e440ff7 com.apple.CloudDocsFileProvider (1.0 - 575.14) <4C4CDC11-D96B-3210-9AB7-1CD2B7207B8F> /System/Library/PrivateFrameworks/FileProvider.framework/OverrideBundles/CloudDocsFileProvider.bundle/Contents/MacOS/CloudDocsFileProvider

0x10e454000 - 0x10e457fff com.apple.FileProviderOverride (125.15 - 125.15) <344F0109-B976-33E9-89E0-BA51D64ADE7D> /System/Library/PrivateFrameworks/FileProvider.framework/OverrideBundles/FileProviderOverride.bundle/Contents/MacOS/FileProviderOverride

0x10e912000 - 0x10e918fff com.apple.FinderSyncCollaborationFileProviderOverride (1.0 - 1054.6.1) <DCFC3A78-0896-3FDF-A76C-B00A08A5676E> /System/Library/PrivateFrameworks/FileProvider.framework/OverrideBundles/FinderSyncCollaborationFileProviderOverride.bundle/Contents/MacOS/FinderSyncCollaborationFileProviderOverride

0x7fff4a2b6000 - 0x7fff4a604ff7 com.apple.RawCamera.bundle (8.05.0 - 1017.4.1) <937CBA8D-60C8-3739-8DFF-1C737D6339EF> /System/Library/CoreServices/RawCamera.bundle/Contents/MacOS/RawCamera

0x7fff4d755000 - 0x7fff4ded2ff7 libclh.dylib (4.0.3 - 4.0.3) <43AAC537-1186-33D6-A5FA-35AADE3543A8> /System/Library/Extensions/GeForceTeslaGLDriver.bundle/Contents/MacOS/libclh.dylib

0x7fff4ded8000 - 0x7fff4e0b8ff3 com.apple.avfoundation (2.0 - 1536.36) <AB868021-AB26-3198-897D-087EF3B360EA> /System/Library/Frameworks/AVFoundation.framework/Versions/A/AVFoundation

0x7fff4e0b9000 - 0x7fff4e172fff com.apple.audio.AVFAudio (1.0 - ???) <716306C4-A0EA-3D81-8F33-943153538C47> /System/Library/Frameworks/AVFoundation.framework/Versions/A/Frameworks/AVFAudio.framework/Versions/A/AVFAudio

0x7fff4e278000 - 0x7fff4e278fff com.apple.Accelerate (1.11 - Accelerate 1.11) <2EF00EFE-06E8-3082-85C3-2988B422A19D> /System/Library/Frameworks/Accelerate.framework/Versions/A/Accelerate

0x7fff4e279000 - 0x7fff4e290ff7 libCGInterfaces.dylib (417.2) <82F29CAE-C0AC-3E29-8312-09E6FED7E067> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/Libraries/libCGInterfaces.dylib

0x7fff4e291000 - 0x7fff4e9dfffb com.apple.vImage (8.1 - ???) <56C275C1-459F-37CD-BF29-2E6D81C29E53> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/vImage

0x7fff4e9e0000 - 0x7fff4eb80ff3 libBLAS.dylib (1211.50.2) <93259222-2D94-333D-A1EB-09C6FC4A64B4> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBLAS.dylib

0x7fff4eb81000 - 0x7fff4ebbbfef libBNNS.dylib (38.1) <0AAE0109-71D5-3B26-8401-3E62DDF97624> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBNNS.dylib

0x7fff4ebbc000 - 0x7fff4ef95ff7 libLAPACK.dylib (1211.50.2) <70781D0B-AEAD-33EB-9900-10DC30F37D61> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libLAPACK.dylib

0x7fff4ef96000 - 0x7fff4efacff7 libLinearAlgebra.dylib (1211.50.2) <FB5A35EA-D636-3D69-AB53-B67E1EB8134C> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libLinearAlgebra.dylib

0x7fff4efad000 - 0x7fff4efb2ff3 libQuadrature.dylib (3) <E936BDAF-8492-34D9-8C5C-AFBFCDAD8318> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libQuadrature.dylib

0x7fff4efb3000 - 0x7fff4f033fff libSparse.dylib (79.50.2) <0DC25CDD-F8C1-3D6E-B472-8B060708424F> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libSparse.dylib

0x7fff4f034000 - 0x7fff4f046ff7 libSparseBLAS.dylib (1211.50.2) <994A7D7E-FA3B-3943-A59C-8150B9AF86BE> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libSparseBLAS.dylib

0x7fff4f047000 - 0x7fff4f1bafe7 libvDSP.dylib (622.50.5) <4BF310F4-31A3-3DA5-80E4-7F8014AD380B> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvDSP.dylib

0x7fff4f1bb000 - 0x7fff4f271fef libvMisc.dylib (622.50.5) <88143A88-4FDE-35A1-85FE-54FF0C2A9E43> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvMisc.dylib

0x7fff4f272000 - 0x7fff4f272fff com.apple.Accelerate.vecLib (3.11 - vecLib 3.11) <880DEF40-389A-3F56-ACA1-B62A5BC57E59> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/vecLib

0x7fff4f273000 - 0x7fff4f2cdff7 com.apple.Accounts (113 - 113) <21614F05-91B8-3151-B219-DA8BAC680DA0> /System/Library/Frameworks/Accounts.framework/Versions/A/Accounts

0x7fff4f2ce000 - 0x7fff4f565ff7 com.apple.AddressBook.framework (11.0 - 1808.8) <B996F69A-B2F0-38F5-AC95-939F038E1FBB> /System/Library/Frameworks/AddressBook.framework/Versions/A/AddressBook

0x7fff4f566000 - 0x7fff503c4fff com.apple.AppKit (6.9 - 1561.61.100) <4E6EA3FA-8C2C-3B21-BFF9-6F8C458B7BE1> /System/Library/Frameworks/AppKit.framework/Versions/C/AppKit

0x7fff50416000 - 0x7fff50416fff com.apple.ApplicationServices (48 - 50) <2B5B76E7-0AB2-31F9-BE58-B963BF1EC2E8> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/ApplicationServices

0x7fff50417000 - 0x7fff5047dfff com.apple.ApplicationServices.ATS (377 - 445.5) <60176327-F757-308E-B61A-D43394E87CC5> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/ATS

0x7fff50516000 - 0x7fff50638ff7 libFontParser.dylib (222.1.9) <FFF2AC1A-D4D2-3AD3-BFF2-F3649ECB02AC> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontParser.dylib

0x7fff50639000 - 0x7fff50684ff7 libFontRegistry.dylib (221.6) <30C6D1DE-C0E3-3447-A0EF-829443D95F0E> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontRegistry.dylib

0x7fff50729000 - 0x7fff5075cff7 libTrueTypeScaler.dylib (222.1.9) <BF00CE2B-6BC5-3337-8350-A1BAB88A3CE0> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libTrueTypeScaler.dylib

0x7fff507c6000 - 0x7fff507caff3 com.apple.ColorSyncLegacy (4.13.0 - 1) <04764FB2-22D8-36F0-9647-2D21562E28D5> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ColorSyncLegacy.framework/Versions/A/ColorSyncLegacy

0x7fff5086a000 - 0x7fff508bcffb com.apple.HIServices (1.22 - 625) <3C059A55-1409-373E-BF0B-C3299AFABDCF> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/HIServices.framework/Versions/A/HIServices

0x7fff508bd000 - 0x7fff508cbfff com.apple.LangAnalysis (1.7.0 - 1.7.0) <8BB267F4-D5AA-3D35-8269-1A3CEA054ACD> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/LangAnalysis.framework/Versions/A/LangAnalysis

0x7fff508cc000 - 0x7fff50918fff com.apple.print.framework.PrintCore (13.4 - 503.2) <2EA98448-9D6A-3912-9933-F7703CB01B6E> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/PrintCore.framework/Versions/A/PrintCore

0x7fff50919000 - 0x7fff50953fff com.apple.QD (3.12 - 404.2) <525E9518-DFF3-3D8D-BD48-E0D63EEDBD16> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/QD.framework/Versions/A/QD

0x7fff50954000 - 0x7fff50960fff com.apple.speech.synthesis.framework (7.8.1 - 7.8.1) <CD09019C-569B-3A56-B84C-26F2A6223455> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/SpeechSynthesis.framework/Versions/A/SpeechSynthesis

0x7fff50961000 - 0x7fff50befff7 com.apple.audio.toolbox.AudioToolbox (1.14 - 1.14) <C7BE1645-BE23-3427-8650-1CEFDAF86710> /System/Library/Frameworks/AudioToolbox.framework/Versions/A/AudioToolbox

0x7fff50bf1000 - 0x7fff50bf1fff com.apple.audio.units.AudioUnit (1.14 - 1.14) <294802B9-E24D-34EB-973F-6D2B8E2E86CB> /System/Library/Frameworks/AudioUnit.framework/Versions/A/AudioUnit

0x7fff50f14000 - 0x7fff512b1fff com.apple.CFNetwork (902.6 - 902.6) <46168F79-CCFA-349A-8508-B8CBCE27D440> /System/Library/Frameworks/CFNetwork.framework/Versions/A/CFNetwork

0x7fff512c6000 - 0x7fff512c6fff com.apple.Carbon (158 - 158) <F8B370D9-2103-3276-821D-ACC756167F86> /System/Library/Frameworks/Carbon.framework/Versions/A/Carbon

0x7fff512c7000 - 0x7fff512caffb com.apple.CommonPanels (1.2.6 - 98) <075486A5-8E39-3F72-BED7-752517379C55> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/CommonPanels.framework/Versions/A/CommonPanels

0x7fff512cb000 - 0x7fff515d0fff com.apple.HIToolbox (2.1.1 - 911.10) <8D2EBE85-9AF0-38BC-ACD3-1ED978643907> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox

0x7fff515d1000 - 0x7fff515d4ffb com.apple.help (1.3.8 - 66) <7F210C1C-D7D3-3C97-A2E4-D3CC35F91807> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help

0x7fff515d5000 - 0x7fff515dafff com.apple.ImageCapture (9.0 - 9.0) <3993E094-AB86-3B22-BC18-4550F23854FF> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/A/ImageCapture

0x7fff515db000 - 0x7fff51670ffb com.apple.ink.framework (10.9 - 221) <83976BB8-A423-3AA5-8221-6EB04B3DEF0A> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Ink.framework/Versions/A/Ink

0x7fff51671000 - 0x7fff5168bff7 com.apple.openscripting (1.7 - 174) <C282DFBB-4BF2-3222-87E0-0B560D5B4B2F> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/OpenScripting.framework/Versions/A/OpenScripting

0x7fff516ac000 - 0x7fff516adfff com.apple.print.framework.Print (12 - 267) <DFC4CE94-F6E6-3DFA-AB88-A13E4C5A7701> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Print.framework/Versions/A/Print

0x7fff516ae000 - 0x7fff516b0ff7 com.apple.securityhi (9.0 - 55006) <1AB48F32-D1CB-3657-A30C-40A7E718A71D> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SecurityHI.framework/Versions/A/SecurityHI

0x7fff516b1000 - 0x7fff516b7fff com.apple.speech.recognition.framework (6.0.3 - 6.0.3) <2A07BB54-438B-34C9-8061-45403E197ACA> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/Versions/A/SpeechRecognition

0x7fff516b8000 - 0x7fff517d7fff com.apple.cloudkit.CloudKit (736.16 - 736.16) <687B78B6-1615-3ED1-9A67-60EBC81DE230> /System/Library/Frameworks/CloudKit.framework/Versions/A/CloudKit

0x7fff517d8000 - 0x7fff517d8fff com.apple.Cocoa (6.11 - 22) <3269BC26-0217-39FE-A600-D702656D838B> /System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa

0x7fff517e6000 - 0x7fff5189ffff com.apple.ColorSync (4.13.0 - 3325) <EAD2D314-E810-33FB-B105-BD30ABB912AD> /System/Library/Frameworks/ColorSync.framework/Versions/A/ColorSync

0x7fff518a0000 - 0x7fff5198aff7 com.apple.contacts (1.0 - 2330.3) <73B50382-F718-3E25-BC20-EF73260C6B42> /System/Library/Frameworks/Contacts.framework/Versions/A/Contacts

0x7fff5198b000 - 0x7fff51a2bffb com.apple.ContactsUI (11.0 - 1808.8) <21339B4F-CEDC-3C14-AA71-1FFB4E55A564> /System/Library/Frameworks/ContactsUI.framework/Versions/A/ContactsUI

0x7fff51a2c000 - 0x7fff51abfff7 com.apple.audio.CoreAudio (4.3.0 - 4.3.0) <AF2B41CC-DD7A-34EB-A842-00DC3B8F2E9F> /System/Library/Frameworks/CoreAudio.framework/Versions/A/CoreAudio

0x7fff51b26000 - 0x7fff51b4fffb com.apple.CoreBluetooth (1.0 - 1) <ED48840B-A80A-32C1-8E4B-DEB7A7CD3C1A> /System/Library/Frameworks/CoreBluetooth.framework/Versions/A/CoreBluetooth

0x7fff51b50000 - 0x7fff51eb4ff3 com.apple.CoreData (120 - 851) <283AF401-07BC-3D50-9B8C-7990E64F66BA> /System/Library/Frameworks/CoreData.framework/Versions/A/CoreData

0x7fff51eb5000 - 0x7fff51f98fff com.apple.CoreDisplay (99.14 - 99.14) <9B2B211D-EC0A-3569-BB37-887768CD6105> /System/Library/Frameworks/CoreDisplay.framework/Versions/A/CoreDisplay

0x7fff51f99000 - 0x7fff52435fff com.apple.CoreFoundation (6.9 - 1455.300) <D9D5D50D-5DA3-34B6-8077-DD24315A4B1E> /System/Library/Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation

0x7fff52437000 - 0x7fff52a66ff7 com.apple.CoreGraphics (2.0 - 1161.21.5) <C8BAA8C0-3DF0-37C3-8FB4-AB90BA8D4D56> /System/Library/Frameworks/CoreGraphics.framework/Versions/A/CoreGraphics

0x7fff52a68000 - 0x7fff52d57fff com.apple.CoreImage (13.0.0 - 579.5) <B2B60A80-2E10-3EDF-920C-94288E55AE25> /System/Library/Frameworks/CoreImage.framework/Versions/A/CoreImage

0x7fff52d58000 - 0x7fff52dc3ff7 com.apple.corelocation (2245.0.41) <6BF57F70-732C-3140-B5A3-466ACF262765> /System/Library/Frameworks/CoreLocation.framework/Versions/A/CoreLocation

0x7fff52fe6000 - 0x7fff530dcffb com.apple.CoreMedia (1.0 - 2276.80.4) <67942D16-3658-37FC-B61C-8ED3D4BFBFB9> /System/Library/Frameworks/CoreMedia.framework/Versions/A/CoreMedia

0x7fff530dd000 - 0x7fff5312bfff com.apple.CoreMediaIO (814.0 - 4995) <2A174DD1-431A-3313-9837-04C7E1B284B6> /System/Library/Frameworks/CoreMediaIO.framework/Versions/A/CoreMediaIO

0x7fff5312c000 - 0x7fff5312cfff com.apple.CoreServices (822.37 - 822.37) <CE816EF2-2B89-3F54-A5C6-D3080B1EFB00> /System/Library/Frameworks/CoreServices.framework/Versions/A/CoreServices

0x7fff5312d000 - 0x7fff531a1ffb com.apple.AE (735.2 - 735.2) <0938A72B-6A4A-36F1-95B3-5EF6B915CEEE> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/AE.framework/Versions/A/AE

0x7fff531a2000 - 0x7fff53479fff com.apple.CoreServices.CarbonCore (1178.4.2 - 1178.4.2) <4692EE3A-11FE-31FD-AF5B-30F892E87A05> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/CarbonCore.framework/Versions/A/CarbonCore

0x7fff5347a000 - 0x7fff534aefff com.apple.DictionaryServices (1.2 - 284.2) <F1F3EFAE-2562-394D-8FB3-BE22F16CD75A> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/DictionaryServices.framework/Versions/A/DictionaryServices

0x7fff534af000 - 0x7fff534b7ffb com.apple.CoreServices.FSEvents (1239.50.2 - 1239.50.2) <FE465894-4235-3CE2-9A97-32D6C6C7D9AD> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/FSEvents.framework/Versions/A/FSEvents

0x7fff534b8000 - 0x7fff53676ff7 com.apple.LaunchServices (822.37 - 822.37) <0DB4679F-AE39-3BF3-B39B-549322E355AF> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/LaunchServices.framework/Versions/A/LaunchServices

0x7fff53677000 - 0x7fff53727fff com.apple.Metadata (10.7.0 - 1191.8) <F3BD3FD7-208A-31E9-85CD-6E607DDAFEF0> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/Metadata.framework/Versions/A/Metadata

0x7fff53728000 - 0x7fff53788fff com.apple.CoreServices.OSServices (822.37 - 822.37) <564DDE70-0250-346B-B5CC-4AFAC11A7373> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/OSServices.framework/Versions/A/OSServices

0x7fff53789000 - 0x7fff537f7fff com.apple.SearchKit (1.4.0 - 1.4.0) <97DD9E7D-3567-382B-ACF7-CE0E4FE78D36> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/Versions/A/SearchKit

0x7fff537f8000 - 0x7fff5381cffb com.apple.coreservices.SharedFileList (71.21 - 71.21) <88991F51-0A75-34FF-8C91-ED0F3C270B7B> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SharedFileList.framework/Versions/A/SharedFileList

0x7fff5381d000 - 0x7fff5387cfff com.apple.CoreSpotlight (1.0 - 231.4.8) <B4BD893F-7BCF-3B46-93EC-3FBF12614DC4> /System/Library/Frameworks/CoreSpotlight.framework/Versions/A/CoreSpotlight

0x7fff53a35000 - 0x7fff53abcffb com.apple.CoreTelephony (113 - 5793) <81F8BA60-DA70-3B39-B6B8-FAD6FAC407AE> /System/Library/Frameworks/CoreTelephony.framework/Versions/A/CoreTelephony

0x7fff53abd000 - 0x7fff53c0dfff com.apple.CoreText (352.0 - 578.23) <10DAF601-85A8-3F9C-8B0B-69DC16B95E47> /System/Library/Frameworks/CoreText.framework/Versions/A/CoreText

0x7fff53c0e000 - 0x7fff53c48fff com.apple.CoreVideo (1.8 - 0.0) <0DD4FFDF-E1F1-39D1-8246-5D0D9869F1EA> /System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo

0x7fff53c49000 - 0x7fff53cd4ff3 com.apple.framework.CoreWLAN (13.0 - 1350.2) <EC145FBD-F638-38B8-BE94-F892A2F02550> /System/Library/Frameworks/CoreWLAN.framework/Versions/A/CoreWLAN

0x7fff53e62000 - 0x7fff53e6dff7 com.apple.DirectoryService.Framework (10.13 - 207.50.1) <6AA0993A-0AF2-3F9A-B288-BF972C0F54EC> /System/Library/Frameworks/DirectoryService.framework/Versions/A/DirectoryService

0x7fff53e6e000 - 0x7fff53f28fff com.apple.DiscRecording (9.0.3 - 9030.4.5) <65019C7F-81C7-37DC-9B27-7EE140C8FD7C> /System/Library/Frameworks/DiscRecording.framework/Versions/A/DiscRecording

0x7fff53f4f000 - 0x7fff53f54fff com.apple.DiskArbitration (2.7 - 2.7) <51DC4AED-6F0C-321F-93E3-20EA4341B768> /System/Library/Frameworks/DiskArbitration.framework/Versions/A/DiskArbitration

0x7fff53f55000 - 0x7fff540ecffb com.apple.ical.EventKit (3.0 - 751.5.1) <09A0589E-53F9-34A5-9709-C3C6CC604217> /System/Library/Frameworks/EventKit.framework/Versions/A/EventKit

0x7fff54115000 - 0x7fff544dcffb com.apple.Foundation (6.9 - 1455.300) <0479E072-1DD0-3881-A9A2-EDAD3EE58C23> /System/Library/Frameworks/Foundation.framework/Versions/C/Foundation

0x7fff5454d000 - 0x7fff5457dff3 com.apple.GSS (4.0 - 2.0) <7E83A21E-4F90-38F3-9FD3-FAC0E0143243> /System/Library/Frameworks/GSS.framework/Versions/A/GSS

0x7fff5468f000 - 0x7fff54793ffb com.apple.Bluetooth (6.0.7 - 6.0.7f22) <08E33A6B-16A7-3E4E-82C9-E1E5A84300D0> /System/Library/Frameworks/IOBluetooth.framework/Versions/A/IOBluetooth

0x7fff547f3000 - 0x7fff5488efff com.apple.framework.IOKit (2.0.2 - 1445.71.6) <4B5C715C-6A49-366B-9080-ABADE6A3B3BD> /System/Library/Frameworks/IOKit.framework/Versions/A/IOKit

0x7fff54890000 - 0x7fff54897fff com.apple.IOSurface (211.15 - 211.15) <08DA3232-805F-304B-80DD-C86B49CC4AAD> /System/Library/Frameworks/IOSurface.framework/Versions/A/IOSurface

0x7fff54898000 - 0x7fff548edff3 com.apple.ImageCaptureCore (7.0 - 7.0) <5B5C36EE-69EE-39E8-8B5B-360EF3F4AC3A> /System/Library/Frameworks/ImageCaptureCore.framework/Versions/A/ImageCaptureCore

0x7fff548ee000 - 0x7fff54a6cfff com.apple.ImageIO.framework (3.3.0 - 1739.3.8) <B4911BA1-6844-3BD6-BA68-AF4ACEB9D508> /System/Library/Frameworks/ImageIO.framework/Versions/A/ImageIO

0x7fff54a6d000 - 0x7fff54a71ffb libGIF.dylib (1739.3.8) <003D0895-622E-3312-9DB3-F7B7BFD33AEE> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libGIF.dylib

0x7fff54a72000 - 0x7fff54b59ff7 libJP2.dylib (1739.3.8) <9CD47B18-AAD7-379F-B04F-606B97CC62EA> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJP2.dylib

0x7fff54b5a000 - 0x7fff54b7dfff libJPEG.dylib (1739.3.8) <67715B7F-83C3-3A0E-9F1C-8B69041E1E3E> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJPEG.dylib

0x7fff54e6e000 - 0x7fff54e94ff3 libPng.dylib (1739.3.8) <CBA3121F-CACF-357A-B59D-804B8EFF8AF7> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib

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0x7fff54e98000 - 0x7fff54ee5ffb libTIFF.dylib (1739.3.8) <1D450863-14A2-3268-B848-037D7ABAB4B0> /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libTIFF.dylib

0x7fff54f00000 - 0x7fff5509eff3 com.apple.Intents (1.0 - 1) <EF480146-0DA9-3B8D-B8BC-18D53F65E2B7> /System/Library/Frameworks/Intents.framework/Versions/A/Intents

0x7fff550a1000 - 0x7fff55d87fff com.apple.JavaScriptCore (13605 - 13605.3.8) <FCD40D3C-87D5-3738-A19F-F5DB84A643B7> /System/Library/Frameworks/JavaScriptCore.framework/Versions/A/JavaScriptCore

0x7fff55d9f000 - 0x7fff55db8ff7 com.apple.Kerberos (3.0 - 1) <C7CDC1E0-011B-3220-847D-1AC3DA6D5522> /System/Library/Frameworks/Kerberos.framework/Versions/A/Kerberos

0x7fff55db9000 - 0x7fff55deefff com.apple.LDAPFramework (2.4.28 - 194.5) <7D48401E-2038-3F2C-89F8-77472F01DC93> /System/Library/Frameworks/LDAP.framework/Versions/A/LDAP

0x7fff55e6e000 - 0x7fff56075ff7 com.apple.MapKit (1.0 - 1831.25.4.7.1) <0DD1E151-04C7-3D07-8410-243A6C306765> /System/Library/Frameworks/MapKit.framework/Versions/A/MapKit

0x7fff56077000 - 0x7fff5607efff com.apple.MediaAccessibility (1.0 - 114) <00F21329-1163-3283-A882-A5DD7A12D353> /System/Library/Frameworks/MediaAccessibility.framework/Versions/A/MediaAccessibility

0x7fff5607f000 - 0x7fff56093ff7 com.apple.MediaLibrary (1.4.0 - 751) <4C990604-25FA-382F-850F-9F48045EC0E4> /System/Library/Frameworks/MediaLibrary.framework/Versions/A/MediaLibrary

0x7fff5612e000 - 0x7fff56798ff7 com.apple.MediaToolbox (1.0 - 2276.80.4) <FA444376-E5AF-36AB-BE1D-76ECE4D72049> /System/Library/Frameworks/MediaToolbox.framework/Versions/A/MediaToolbox

0x7fff5679a000 - 0x7fff5681bfff com.apple.Metal (125.30 - 125.30) <67EDA241-80B1-3C67-BB2B-FF83E49FEF8D> /System/Library/Frameworks/Metal.framework/Versions/A/Metal

0x7fff5681d000 - 0x7fff56837ffb com.apple.MetalKit (1.0 - 98.3) <46B0ECC2-0C3F-3E74-A4E7-0B5D6DF4BEAA> /System/Library/Frameworks/MetalKit.framework/Versions/A/MetalKit

0x7fff56838000 - 0x7fff56853fff com.apple.MetalPerformanceShaders.MPSCore (1.0 - 1) <8DED0F0C-4A10-36A3-A3E2-7D3CF429ACE1> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSCore.framework/Versions/A/MPSCore

0x7fff56854000 - 0x7fff568c3fef com.apple.MetalPerformanceShaders.MPSImage (1.0 - 1) <48F4A97F-143A-3918-AB92-6733E258E25A> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSImage.framework/Versions/A/MPSImage

0x7fff568c4000 - 0x7fff568e8fff com.apple.MetalPerformanceShaders.MPSMatrix (1.0 - 1) <CD443ADC-07FE-3603-B0C9-60C2AF3616FF> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSMatrix.framework/Versions/A/MPSMatrix

0x7fff568e9000 - 0x7fff569d0ff7 com.apple.MetalPerformanceShaders.MPSNeuralNetwork (1.0 - 1) <40EB0BAE-6DDE-3334-A28C-529AE4C6716A> /System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSNeuralNetwork.framework/Versions/A/MPSNeuralNetwork

0x7fff569d1000 - 0x7fff569d1ff7 com.apple.MetalPerformanceShaders.MetalPerformanceShaders (1.0 - 1) <A111E862-43E5-3247-9E98-0A40DC34AD9B> /System/Library/Frameworks/MetalPerformanceShaders.framework/Versions/A/MetalPerformanceShaders

0x7fff579d0000 - 0x7fff579dcffb com.apple.NetFS (6.0 - 4.0) <02E09301-324F-3542-875D-B87B144635C8> /System/Library/Frameworks/NetFS.framework/Versions/A/NetFS

0x7fff5a7c5000 - 0x7fff5a7cdfef libcldcpuengine.dylib (2.8.7) <78747075-B07A-39B3-A065-013FB54332F6> /System/Library/Frameworks/OpenCL.framework/Versions/A/Libraries/libcldcpuengine.dylib

0x7fff5a7ce000 - 0x7fff5a828ff7 com.apple.opencl (2.8.24 - 2.8.24) <429B5283-276D-372D-BB0E-EEBE1408C393> /System/Library/Frameworks/OpenCL.framework/Versions/A/OpenCL

0x7fff5a829000 - 0x7fff5a845ffb com.apple.CFOpenDirectory (10.13 - 207.50.1) <E9AD4934-5DE3-3DD0-9D7B-9D288D829F15> /System/Library/Frameworks/OpenDirectory.framework/Versions/A/Frameworks/CFOpenDirectory.framework/Versions/A/CFOpenDirectory

0x7fff5a846000 - 0x7fff5a851fff com.apple.OpenDirectory (10.13 - 207.50.1) <8B54C486-14C9-3FEF-97B8-F4D6F59F75CF> /System/Library/Frameworks/OpenDirectory.framework/Versions/A/OpenDirectory

0x7fff5b9d0000 - 0x7fff5b9d2fff libCVMSPluginSupport.dylib (16.7.4) <3E26CF2B-5074-3321-AD9E-6A667D61AA35> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCVMSPluginSupport.dylib

0x7fff5b9d3000 - 0x7fff5b9d8ffb libCoreFSCache.dylib (162.12) <D12E1D0E-C0E5-329E-99B4-AB152C9ABBE3> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCoreFSCache.dylib

0x7fff5b9d9000 - 0x7fff5b9ddfff libCoreVMClient.dylib (162.12) <39951906-8566-3F9D-9EA8-EBD6084DCF73> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCoreVMClient.dylib

0x7fff5b9de000 - 0x7fff5b9e7ff3 libGFXShared.dylib (16.7.4) <81A7875B-103D-3C82-B25C-DE24E57E5C8B> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGFXShared.dylib

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0x7fff5bb9e000 - 0x7fff5bbdcffb libGLU.dylib (16.7.4) <BCB09CD8-EB0E-38FA-8B5A-9E29532EE364> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLU.dylib

0x7fff5c554000 - 0x7fff5c563ff3 com.apple.opengl (16.7.4 - 16.7.4) <77A788F3-8F0C-305C-AEB9-FF258676C599> /System/Library/Frameworks/OpenGL.framework/Versions/A/OpenGL

0x7fff5c564000 - 0x7fff5c6fbff3 GLEngine (16.7.4) <D803B49C-2CE6-3282-B15E-D7859C58DBC6> /System/Library/Frameworks/OpenGL.framework/Versions/A/Resources/GLEngine.bundle/GLEngine

0x7fff5c6fc000 - 0x7fff5c724ffb GLRendererFloat (16.7.4) <A474BF54-6B9C-3C76-BCB9-8FAD533E2B2A> /System/Library/Frameworks/OpenGL.framework/Versions/A/Resources/GLRendererFloat.bundle/GLRendererFloat

0x7fff5c7c3000 - 0x7fff5c7ecff7 com.apple.frameworks.preferencepanes (16.0 - 16.0) <6372F96C-6F3E-3DFC-86BC-F6BD0D0BED15> /System/Library/Frameworks/PreferencePanes.framework/Versions/A/PreferencePanes

0x7fff5c8e2000 - 0x7fff5ca2eff7 com.apple.QTKit (7.7.3 - 3014.8) <F333568C-D990-3BBA-A09B-ABAB5F984905> /System/Library/Frameworks/QTKit.framework/Versions/A/QTKit

0x7fff5ca2f000 - 0x7fff5cc94ff7 com.apple.imageKit (3.0 - 1043) <1E72C513-391D-37CE-96D1-D2B59E2F23CA> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/ImageKit.framework/Versions/A/ImageKit

0x7fff5cc95000 - 0x7fff5cd84ff3 com.apple.PDFKit (1.0 - 677.68) <07888D80-F4FD-38AD-8F21-48F59E486886> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/PDFKit.framework/Versions/A/PDFKit

0x7fff5cd85000 - 0x7fff5d297ff7 com.apple.QuartzComposer (5.1 - 364) <0C9739CE-DCEA-3732-B3F4-EFB74464C9BC> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuartzComposer.framework/Versions/A/QuartzComposer

0x7fff5d298000 - 0x7fff5d2bbfff com.apple.quartzfilters (1.10.0 - 1.10.0) <F536C492-49CC-37B6-B740-DA266955E147> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuartzFilters.framework/Versions/A/QuartzFilters

0x7fff5d2bc000 - 0x7fff5d3b5ff7 com.apple.QuickLookUIFramework (5.0 - 743.13) <E56CBAA3-60CE-3E0C-B3DE-D21DBF93A785> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuickLookUI.framework/Versions/A/QuickLookUI

0x7fff5d3b6000 - 0x7fff5d3b6fff com.apple.quartzframework (1.5 - 21) <DCEB0FCC-2C32-3D02-8752-7B6FA009AB85> /System/Library/Frameworks/Quartz.framework/Versions/A/Quartz

0x7fff5d3b7000 - 0x7fff5d603ff7 com.apple.QuartzCore (1.11 - 584.64.2) <FD9A3180-479E-3DAC-9CF0-0D214C7E46A7> /System/Library/Frameworks/QuartzCore.framework/Versions/A/QuartzCore

0x7fff5d604000 - 0x7fff5d65bff7 com.apple.QuickLookFramework (5.0 - 743.13) <4EA17C20-5BD9-335F-8EE1-D4AE16BE6A15> /System/Library/Frameworks/QuickLook.framework/Versions/A/QuickLook

0x7fff5d821000 - 0x7fff5d83bffb com.apple.SafariServices.framework (13609 - 13609.3.5.1.5) <8102DF3E-2C36-3B47-B10E-B990DABCF95D> /System/Library/Frameworks/SafariServices.framework/Versions/A/SafariServices

0x7fff5de3b000 - 0x7fff5e166fff com.apple.security (7.0 - 58286.70.19) <E118FC23-2E20-3999-826B-58488049A277> /System/Library/Frameworks/Security.framework/Versions/A/Security

0x7fff5e167000 - 0x7fff5e1f3ff7 com.apple.securityfoundation (6.0 - 55185.50.5) <3D9AD4EF-439C-3AE1-9332-AD291CF96C64> /System/Library/Frameworks/SecurityFoundation.framework/Versions/A/SecurityFoundation

0x7fff5e1f4000 - 0x7fff5e224fff com.apple.securityinterface (10.0 - 55109.50.6) <E9AA6D3B-E1ED-330A-B97D-2A71B4F13250> /System/Library/Frameworks/SecurityInterface.framework/Versions/A/SecurityInterface

0x7fff5e225000 - 0x7fff5e229ffb com.apple.xpc.ServiceManagement (1.0 - 1) <3FCAF325-40C8-3148-9E49-E555F95B2946> /System/Library/Frameworks/ServiceManagement.framework/Versions/A/ServiceManagement

0x7fff5e48a000 - 0x7fff5e496ffb com.apple.StoreKit (1.0 - 658.2) <BAB59B79-AC9B-3438-A4B3-DC0A7A1F02B0> /System/Library/Frameworks/StoreKit.framework/Versions/A/StoreKit

0x7fff5e497000 - 0x7fff5e5cdffb com.apple.syncservices (8.1 - 727) <38A5C374-F6D0-3348-9AC8-9AD6332CBA1A> /System/Library/Frameworks/SyncServices.framework/Versions/A/SyncServices

0x7fff5e5ce000 - 0x7fff5e63eff3 com.apple.SystemConfiguration (1.17 - 1.17) <41D509AB-AED3-30FF-BB00-615BB5A8AC00> /System/Library/Frameworks/SystemConfiguration.framework/Versions/A/SystemConfiguration

0x7fff5e7f3000 - 0x7fff5eb6efff com.apple.VideoToolbox (1.0 - 2276.80.4) <1C94A509-0372-3B58-94BC-4488C042BD79> /System/Library/Frameworks/VideoToolbox.framework/Versions/A/VideoToolbox

0x7fff5ee16000 - 0x7fff5f375feb libwebrtc.dylib (7605.3.8) <72740A61-2531-3D72-ACF4-4B85B96D8C2A> /System/Library/Frameworks/WebKit.framework/Versions/A/Frameworks/WebCore.framework/Versions/A/Frameworks/libwebrtc.dylib

0x7fff5f376000 - 0x7fff60a49ff7 com.apple.WebCore (13605 - 13605.3.8) <72D9EE25-F9A2-3D9E-AF94-3AC54CFBE4FE> /System/Library/Frameworks/WebKit.framework/Versions/A/Frameworks/WebCore.framework/Versions/A/WebCore

0x7fff60a4a000 - 0x7fff60c31ff7 com.apple.WebKitLegacy (13605 - 13605.3.8) <52D6E336-949A-30B6-B0A3-CCE25672C050> /System/Library/Frameworks/WebKit.framework/Versions/A/Frameworks/WebKitLegacy.framework/Versions/A/WebKitLegacy

0x7fff60c32000 - 0x7fff610cbfff com.apple.WebKit (13605 - 13605.3.8) <1DDB40C0-5FB6-3495-B4CD-52D32251F88D> /System/Library/Frameworks/WebKit.framework/Versions/A/WebKit

0x7fff61113000 - 0x7fff61164fff com.apple.AOSAccounts (1.3.1 - 89.1.0.7) <4BD38D82-1D71-3922-BD23-5A2EE8B2D47C> /System/Library/PrivateFrameworks/AOSAccounts.framework/Versions/A/AOSAccounts

0x7fff61167000 - 0x7fff61428ff7 com.apple.AOSKit (1.07 - 267) <475EC829-2912-3448-AC0A-736A7180CAE7> /System/Library/PrivateFrameworks/AOSKit.framework/Versions/A/AOSKit

0x7fff61429000 - 0x7fff61429ffb com.apple.AOSMigrate (1.0 - 1) <5636B8C0-AEA5-3547-87CD-6FB23261A318> /System/Library/PrivateFrameworks/AOSMigrate.framework/Versions/A/AOSMigrate

0x7fff6153b000 - 0x7fff615ceff3 com.apple.APFS (1.0 - 1) <70034B32-9347-30FB-9DDE-95061F686613> /System/Library/PrivateFrameworks/APFS.framework/Versions/A/APFS

0x7fff61bac000 - 0x7fff61c4eff3 com.apple.accounts.AccountsDaemon (113 - 113) <09FAE456-C6E6-395F-838E-70EE4B206F6B> /System/Library/PrivateFrameworks/AccountsDaemon.framework/Versions/A/AccountsDaemon

0x7fff621b0000 - 0x7fff621cbff3 com.apple.AppContainer (4.0 - 360.50.7) <E57B6D18-C2CD-3706-946C-501E237D1A23> /System/Library/PrivateFrameworks/AppContainer.framework/Versions/A/AppContainer

0x7fff621cc000 - 0x7fff621d9fff com.apple.AppSandbox (4.0 - 360.50.7) <7B376E0A-8525-359C-B030-515DA4A406F2> /System/Library/PrivateFrameworks/AppSandbox.framework/Versions/A/AppSandbox

0x7fff621fd000 - 0x7fff62225fff com.apple.framework.Apple80211 (13.0 - 1370.4) <C296CDDB-0A79-3D6B-898A-0FBA1892F5AC> /System/Library/PrivateFrameworks/Apple80211.framework/Versions/A/Apple80211

0x7fff62227000 - 0x7fff62236fef com.apple.AppleFSCompression (96.60.1 - 1.0) <CBE1A092-CE90-36B9-AAA6-0BE2E7921504> /System/Library/PrivateFrameworks/AppleFSCompression.framework/Versions/A/AppleFSCompression

0x7fff62335000 - 0x7fff62340ff7 com.apple.AppleIDAuthSupport (1.0 - 1) <924EA55F-1C87-347F-9212-F79EA2B2C84C> /System/Library/PrivateFrameworks/AppleIDAuthSupport.framework/Versions/A/AppleIDAuthSupport

0x7fff62341000 - 0x7fff62379ff3 com.apple.AppleIDSSOAuthentication (1.0 - 1) <637911D7-99CA-3CCA-8154-079155E5ADE7> /System/Library/PrivateFrameworks/AppleIDSSOAuthentication.framework/Versions/A/AppleIDSSOAuthentication

0x7fff6237a000 - 0x7fff623c2ff3 com.apple.AppleJPEG (1.0 - 1) <15558577-08E3-3087-86A9-8B6247978BCE> /System/Library/PrivateFrameworks/AppleJPEG.framework/Versions/A/AppleJPEG

0x7fff623c3000 - 0x7fff623d4ffb com.apple.AppleLDAP (10.13 - 46) <1C6E7C77-4DA6-3BDC-A8DF-77BE46887724> /System/Library/PrivateFrameworks/AppleLDAP.framework/Versions/A/AppleLDAP

0x7fff623d5000 - 0x7fff623f3ff3 com.apple.aps.framework (4.0 - 4.0) <F36CDED3-9EA4-3F8D-880A-EF6768C7699E> /System/Library/PrivateFrameworks/ApplePushService.framework/Versions/A/ApplePushService

0x7fff623f4000 - 0x7fff623fcff3 com.apple.AppleSRP (5.0 - 1) <825BC81F-2A23-3DD6-ADCA-BF685CA3CEFC> /System/Library/PrivateFrameworks/AppleSRP.framework/Versions/A/AppleSRP

0x7fff623fd000 - 0x7fff62425fff com.apple.applesauce (1.0 - ???) <9CE4CAE2-30B9-3DF6-9BC0-33D532D7B937> /System/Library/PrivateFrameworks/AppleSauce.framework/Versions/A/AppleSauce

0x7fff624ee000 - 0x7fff624f1fff com.apple.AppleSystemInfo (3.1.5 - 3.1.5) <62DC46E4-5D00-3EAF-94C8-0F45592F90D6> /System/Library/PrivateFrameworks/AppleSystemInfo.framework/Versions/A/AppleSystemInfo

0x7fff624f2000 - 0x7fff62542ff7 com.apple.AppleVAFramework (5.0.41 - 5.0.41) <C82921AA-1537-3736-BC16-5CABB3EF0100> /System/Library/PrivateFrameworks/AppleVA.framework/Versions/A/AppleVA

0x7fff62878000 - 0x7fff62b11ffb com.apple.AuthKit (1.0 - 1) <C3087797-E472-300E-8B4A-448857ACE8E7> /System/Library/PrivateFrameworks/AuthKit.framework/Versions/A/AuthKit

0x7fff62c48000 - 0x7fff62c4fff7 com.apple.coreservices.BackgroundTaskManagement (1.0 - 57.1) <B2A1EEDF-490A-38E2-A896-41057C0417BF> /System/Library/PrivateFrameworks/BackgroundTaskManagement.framework/Versions/A/BackgroundTaskManagement

0x7fff62c50000 - 0x7fff62cd7ff7 com.apple.backup.framework (1.9.6 - 1.9.6) <0A54D219-E71B-3BC6-8DFC-11ED47E431BE> /System/Library/PrivateFrameworks/Backup.framework/Versions/A/Backup

0x7fff62ce0000 - 0x7fff62ce6ff7 com.apple.BezelServicesFW (305.1 - 305.1) <30FB8483-B8E4-3DA8-912F-6DF76D4CE2F6> /System/Library/PrivateFrameworks/BezelServices.framework/Versions/A/BezelServices

0x7fff62d51000 - 0x7fff62d8dfff com.apple.bom (14.0 - 194.2.4) <D07D6450-E955-31D5-B53F-4C997E0B5E0B> /System/Library/PrivateFrameworks/Bom.framework/Versions/A/Bom

0x7fff62db8000 - 0x7fff62db8fff com.apple.SafariDAVNotifier (1.1.1 - 1) <E13EB45A-A937-3E44-AE18-02F0A2A60163> /System/Library/PrivateFrameworks/BookmarkDAV.framework/Versions/A/Frameworks/SafariDAVNotifier.framework/Versions/A/SafariDAVNotifier

0x7fff62ff7000 - 0x7fff6304afff com.apple.CalDAV (8.0 - 257) <7A2C0717-4D2D-3045-8EB6-A805C2BAF539> /System/Library/PrivateFrameworks/CalDAV.framework/Versions/A/CalDAV

0x7fff633c1000 - 0x7fff633eeffb com.apple.CalendarAgentLink (8.0 - 250) <FC4E3777-6A43-39D3-B131-9298DA04C70F> /System/Library/PrivateFrameworks/CalendarAgentLink.framework/Versions/A/CalendarAgentLink

0x7fff63407000 - 0x7fff63470ff7 com.apple.CalendarFoundation (8.0 - 552.5.1) <068041CF-7261-3A13-AB1E-344730DEA82E> /System/Library/PrivateFrameworks/CalendarFoundation.framework/Versions/A/CalendarFoundation

0x7fff63499000 - 0x7fff637ceffb com.apple.CalendarPersistence (8.0 - 470.5.1) <44239F19-EB44-3AC3-BA28-CBCA82C66143> /System/Library/PrivateFrameworks/CalendarPersistence.framework/Versions/A/CalendarPersistence

0x7fff63abb000 - 0x7fff63b0aff3 com.apple.ChunkingLibrary (189 - 189) <B3E4AA69-99C8-342F-B37E-C1921C72DBD2> /System/Library/PrivateFrameworks/ChunkingLibrary.framework/Versions/A/ChunkingLibrary

0x7fff63b11000 - 0x7fff63ba2ff7 com.apple.CloudDocs (1.0 - 575.14) <CD0E9512-7DF8-3028-9DB3-9ADA04887CD0> /System/Library/PrivateFrameworks/CloudDocs.framework/Versions/A/CloudDocs

0x7fff645eb000 - 0x7fff645fdff3 com.apple.CloudPhotoServicesConfiguration (3.0 - 3291.13.230) <645A3EE6-C4D2-3897-8162-3625637F2FF1> /System/Library/PrivateFrameworks/CloudPhotoServices.framework/Versions/A/Frameworks/CloudPhotoServicesConfiguration.framework/Versions/A/CloudPhotoServicesConfiguration

0x7fff645fe000 - 0x7fff645feff7 com.apple.CloudPhotosConfigurationXPC (3.0 - 3291.13.230) <8E58BFF3-4C0D-3F0E-830E-020B2FDE413B> /System/Library/PrivateFrameworks/CloudPhotoServices.framework/Versions/A/Frameworks/CloudPhotosConfigurationXPC.framework/Versions/A/CloudPhotosConfigurationXPC

0x7fff645ff000 - 0x7fff64618fff com.apple.CloudServices (1.0 - 297.60.1) <7A65F981-086C-3378-A92B-35691D9B29D0> /System/Library/PrivateFrameworks/CloudServices.framework/Versions/A/CloudServices

0x7fff64686000 - 0x7fff64692ff7 com.apple.CommerceCore (1.0 - 658.2) <6125A0B3-43CD-3A9B-BFE3-33742128B7CB> /System/Library/PrivateFrameworks/CommerceKit.framework/Versions/A/Frameworks/CommerceCore.framework/Versions/A/CommerceCore

0x7fff64693000 - 0x7fff6469cff3 com.apple.CommonAuth (4.0 - 2.0) <21AF4AC2-E650-35F9-AB33-3EBA2769FBC0> /System/Library/PrivateFrameworks/CommonAuth.framework/Versions/A/CommonAuth

0x7fff646b1000 - 0x7fff646c6ff7 com.apple.commonutilities (8.0 - 900) <1FE296A7-E4C4-3641-82BD-69BA4CFD6385> /System/Library/PrivateFrameworks/CommonUtilities.framework/Versions/A/CommonUtilities

0x7fff646c7000 - 0x7fff646cbff7 com.apple.communicationsfilter (10.0 - 1000) <49E70CE3-246C-3758-809C-864D7AB1AC80> /System/Library/PrivateFrameworks/CommunicationsFilter.framework/Versions/A/CommunicationsFilter

0x7fff6488e000 - 0x7fff648c4fff com.apple.contacts.ContactsAutocomplete (1.0 - 90) <F2E1E9BA-B54C-32F5-9EBE-EC8E6DDAB666> /System/Library/PrivateFrameworks/ContactsAutocomplete.framework/Versions/A/ContactsAutocomplete

0x7fff648d8000 - 0x7fff648effff com.apple.contacts.donation (1.0 - 1) <9A780DD5-6382-3C0B-8D19-6474C34D4AA8> /System/Library/PrivateFrameworks/ContactsDonation.framework/Versions/A/ContactsDonation

0x7fff648f5000 - 0x7fff64955fff com.apple.AddressBook.ContactsFoundation (8.0 - ???) <AC96DF69-1C70-39B4-BD39-675AD4362424> /System/Library/PrivateFrameworks/ContactsFoundation.framework/Versions/A/ContactsFoundation

0x7fff64956000 - 0x7fff64978fff com.apple.contacts.ContactsPersistence (1.0 - 2330.3) <38580FC9-B673-30BD-8A58-B4BDCCE33CFC> /System/Library/PrivateFrameworks/ContactsPersistence.framework/Versions/A/ContactsPersistence

0x7fff64979000 - 0x7fff649ceffb com.apple.Contacts.ContactsUICore (1.0 - 999.9.9) <2F95DDD6-2F52-396E-BC53-82B87C4756ED> /System/Library/PrivateFrameworks/ContactsUICore.framework/Versions/A/ContactsUICore

0x7fff649d8000 - 0x7fff64de0fff com.apple.CoreAUC (259.0.0 - 259.0.0) <EF95ED0E-F4F1-3969-89BB-CE8CDD74C29F> /System/Library/PrivateFrameworks/CoreAUC.framework/Versions/A/CoreAUC

0x7fff64de1000 - 0x7fff64e11ff7 com.apple.CoreAVCHD (5.9.0 - 5900.4.1) <6AC79B1F-0A12-34A4-BC0D-5A6A65ABABE0> /System/Library/PrivateFrameworks/CoreAVCHD.framework/Versions/A/CoreAVCHD

0x7fff64ea8000 - 0x7fff64efaff7 com.apple.corebrightness (1.0 - 1) <60643D9E-25C6-3A48-867E-9444B2181669> /System/Library/PrivateFrameworks/CoreBrightness.framework/Versions/A/CoreBrightness

0x7fff64fc4000 - 0x7fff65038ff7 com.apple.coredav (1.0.1 - 332.6.1) <AF215216-5E85-36CE-A041-84EED6D656B5> /System/Library/PrivateFrameworks/CoreDAV.framework/Versions/A/CoreDAV

0x7fff65039000 - 0x7fff65042ff7 com.apple.frameworks.CoreDaemon (1.3 - 1.3) <4F00CAE3-4C99-3064-AB48-4DC1CCFCDE84> /System/Library/PrivateFrameworks/CoreDaemon.framework/Versions/B/CoreDaemon

0x7fff65043000 - 0x7fff65176ffb com.apple.CoreDuet (1.0 - 1) <CAF23EE8-1649-3C3B-899E-7B35593C653E> /System/Library/PrivateFrameworks/CoreDuet.framework/Versions/A/CoreDuet

0x7fff65177000 - 0x7fff65195ffb com.apple.coreduetcontext (1.0 - 1) <1350F48A-A1C1-3761-B2C2-1B35D3EAA0BC> /System/Library/PrivateFrameworks/CoreDuetContext.framework/Versions/A/CoreDuetContext

0x7fff65196000 - 0x7fff651a8fff com.apple.CoreDuetDaemonProtocol (1.0 - 1) <634DB8ED-7AD4-3E6B-AB67-9C3B20017AD2> /System/Library/PrivateFrameworks/CoreDuetDaemonProtocol.framework/Versions/A/CoreDuetDaemonProtocol

0x7fff651ab000 - 0x7fff651adfff com.apple.CoreDuetDebugLogging (1.0 - 1) <78954959-B7E6-321A-8098-E5B11C2702CB> /System/Library/PrivateFrameworks/CoreDuetDebugLogging.framework/Versions/A/CoreDuetDebugLogging

0x7fff651b0000 - 0x7fff651c0ff7 com.apple.CoreEmoji (1.0 - 69.3) <DCCF04BB-DA33-3DC0-B7C2-1D34870C0C0A> /System/Library/PrivateFrameworks/CoreEmoji.framework/Versions/A/CoreEmoji

0x7fff651c1000 - 0x7fff651d7ffb com.apple.CoreFollowUp-OSX (1.0 - 1) <C76B71E8-7FD3-3608-B7F6-4B37CE44841E> /System/Library/PrivateFrameworks/CoreFollowUp.framework/Versions/A/CoreFollowUp

0x7fff654c4000 - 0x7fff654daff7 com.apple.CoreMediaAuthoring (2.2 - 956) <EE44B61D-6742-3649-A52F-C6AA0431F846> /System/Library/PrivateFrameworks/CoreMediaAuthoring.framework/Versions/A/CoreMediaAuthoring

0x7fff65623000 - 0x7fff65680ff7 com.apple.CoreNLP (1.0 - 130.5.4) <6FB50324-9C41-37A9-967D-CD20DD7B068A> /System/Library/PrivateFrameworks/CoreNLP.framework/Versions/A/CoreNLP

0x7fff65809000 - 0x7fff6580eff7 com.apple.CoreOptimization (1.0 - 1) <EBA89F7C-A8D3-355D-82A4-F2C9796B02B6> /System/Library/PrivateFrameworks/CoreOptimization.framework/Versions/A/CoreOptimization

0x7fff6580f000 - 0x7fff658b4fff com.apple.CorePDF (4.0 - 414) <320B28D5-5115-3C4B-9AEC-6114305DFACA> /System/Library/PrivateFrameworks/CorePDF.framework/Versions/A/CorePDF

0x7fff65954000 - 0x7fff6595cff3 com.apple.CorePhoneNumbers (1.0 - 1) <3B388768-5CDB-341A-BCE2-4047EAD009EA> /System/Library/PrivateFrameworks/CorePhoneNumbers.framework/Versions/A/CorePhoneNumbers

0x7fff6595d000 - 0x7fff659b9fff com.apple.CorePrediction (1.0 - 1) <2BD07E9C-5F35-3177-B084-D09AF42E7818> /System/Library/PrivateFrameworks/CorePrediction.framework/Versions/A/CorePrediction

0x7fff659e2000 - 0x7fff659ecffb com.apple.corerecents (1.0 - 1) <08B6DA2C-DE1A-3CD7-A9E7-903C207D9278> /System/Library/PrivateFrameworks/CoreRecents.framework/Versions/A/CoreRecents

0x7fff65ae7000 - 0x7fff65b18ff3 com.apple.CoreServicesInternal (309.1 - 309.1) <9A9DE5A0-3912-3311-A351-2B7B5C35D1F0> /System/Library/PrivateFrameworks/CoreServicesInternal.framework/Versions/A/CoreServicesInternal

0x7fff65e92000 - 0x7fff65f23fff com.apple.CoreSymbolication (9.3 - 64026.2) <30652FA5-C731-3A22-864D-DF6D9C77CD4C> /System/Library/PrivateFrameworks/CoreSymbolication.framework/Versions/A/CoreSymbolication

0x7fff65fa6000 - 0x7fff660dbfff com.apple.coreui (2.1 - 494.1) <5B4F3E9C-A4EF-3908-A035-59B8631C3685> /System/Library/PrivateFrameworks/CoreUI.framework/Versions/A/CoreUI

0x7fff660dc000 - 0x7fff6620dfff com.apple.CoreUtils (5.6 - 560.11) <2C5A0610-1F08-3603-8692-EE03E62EE622> /System/Library/PrivateFrameworks/CoreUtils.framework/Versions/A/CoreUtils

0x7fff66262000 - 0x7fff662c6fff com.apple.framework.CoreWiFi (13.0 - 1350.2) <500CC54F-A6CB-3D36-9BB1-C9C9F6A6E414> /System/Library/PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi

0x7fff662c7000 - 0x7fff662d7ff7 com.apple.CrashReporterSupport (10.13 - 1) <1ADEC140-4838-3976-A14B-6268C5251481> /System/Library/PrivateFrameworks/CrashReporterSupport.framework/Versions/A/CrashReporterSupport

0x7fff66356000 - 0x7fff66365ff7 com.apple.framework.DFRFoundation (1.0 - 191.7) <F7AB1B29-A4B0-3938-AFDC-DAA204929404> /System/Library/PrivateFrameworks/DFRFoundation.framework/Versions/A/DFRFoundation

0x7fff66368000 - 0x7fff6636cffb com.apple.DSExternalDisplay (3.1 - 380) <13AA3B17-E649-3B7B-B09D-9AE7C4A60887> /System/Library/PrivateFrameworks/DSExternalDisplay.framework/Versions/A/DSExternalDisplay

0x7fff663ad000 - 0x7fff663edffb com.apple.datadetectors (5.0 - 376.1) <7E1BA1A6-D600-3C24-B332-2D025EED05AE> /System/Library/PrivateFrameworks/DataDetectors.framework/Versions/A/DataDetectors

0x7fff663ee000 - 0x7fff66464fff com.apple.datadetectorscore (7.0 - 590.3) <E645FBF0-B47D-3394-84DF-792B85E94CB3> /System/Library/PrivateFrameworks/DataDetectorsCore.framework/Versions/A/DataDetectorsCore

0x7fff664b2000 - 0x7fff664f2ff7 com.apple.DebugSymbols (181.0 - 181.0) <702DB951-F5A6-3155-9D84-BBA9A4B4E1BD> /System/Library/PrivateFrameworks/DebugSymbols.framework/Versions/A/DebugSymbols

0x7fff664f3000 - 0x7fff66622fff com.apple.desktopservices (1.12.5 - 1.12.5) <96BB57E2-3359-3920-AA7C-BF03C2225485> /System/Library/PrivateFrameworks/DesktopServicesPriv.framework/Versions/A/DesktopServicesPriv

0x7fff66695000 - 0x7fff66696ff7 com.apple.diagnosticlogcollection (10.0 - 1000) <071095C1-67C7-3F06-BEA3-DBBC9A5A7694> /System/Library/PrivateFrameworks/DiagnosticLogCollection.framework/Versions/A/DiagnosticLogCollection

0x7fff6672e000 - 0x7fff66800ff7 com.apple.DiskImagesFramework (480.60.3 - 480.60.3) <252D5F18-01F9-353C-A09C-9C282D23E574> /System/Library/PrivateFrameworks/DiskImages.framework/Versions/A/DiskImages

0x7fff66801000 - 0x7fff668efff7 com.apple.DiskManagement (11.5 - 1429) <C73C9BDB-7FBB-3C41-B52D-8BA3092B2EE8> /System/Library/PrivateFrameworks/DiskManagement.framework/Versions/A/DiskManagement

0x7fff668f0000 - 0x7fff668f4ff7 com.apple.DisplayServicesFW (3.1 - 380) <921A2830-1A66-396E-A689-CD85B4B8F82C> /System/Library/PrivateFrameworks/DisplayServices.framework/Versions/A/DisplayServices

0x7fff6697d000 - 0x7fff66980fff com.apple.EFILogin (2.0 - 2) <04064D1B-FF9B-33D6-AE0C-5D2CD49334DE> /System/Library/PrivateFrameworks/EFILogin.framework/Versions/A/EFILogin

0x7fff670dd000 - 0x7fff670f5fff com.apple.Engram (1.0 - 1) <1C827425-CD5E-37D1-A233-59C65B72C4AB> /System/Library/PrivateFrameworks/Engram.framework/Versions/A/Engram

0x7fff672cc000 - 0x7fff6731fff7 com.apple.ExchangeWebServices (8.0 - 287.4.1) <DD14EE0A-2672-3D9D-9A80-76C40B605A9A> /System/Library/PrivateFrameworks/ExchangeWebServices.framework/Versions/A/ExchangeWebServices

0x7fff67320000 - 0x7fff6733fff7 com.apple.icloud.FMCore (1.0 - 1) <1B69CECF-05DA-3528-9B7A-F80D92FA8DB2> /System/Library/PrivateFrameworks/FMCore.framework/Versions/A/FMCore

0x7fff67340000 - 0x7fff67357ffb com.apple.icloud.FMCoreLite (1.0 - 1) <3B3F87A4-144A-3C52-AB16-4DAAD4B09246> /System/Library/PrivateFrameworks/FMCoreLite.framework/Versions/A/FMCoreLite

0x7fff67358000 - 0x7fff6735dff7 com.apple.icloud.FMCoreUI (1.0 - 1) <3EA15957-6707-30F1-AFB7-AFAAA47B71DE> /System/Library/PrivateFrameworks/FMCoreUI.framework/Versions/A/FMCoreUI

0x7fff6735e000 - 0x7fff67386ffb com.apple.icloud.FMF (1.0 - 1) <99139885-39C1-3049-9FF1-1FFDCEA4C7C3> /System/Library/PrivateFrameworks/FMF.framework/Versions/A/FMF

0x7fff67387000 - 0x7fff6739affb com.apple.icloud.FMFUI (1.0 - 1) <B5494241-4792-3F51-9D77-7F41B262AADC> /System/Library/PrivateFrameworks/FMFUI.framework/Versions/A/FMFUI

0x7fff67437000 - 0x7fff67865fff com.apple.vision.FaceCore (3.3.2 - 3.3.2) <06065DA3-4091-3682-A308-BF3F2E3E4AF8> /System/Library/PrivateFrameworks/FaceCore.framework/Versions/A/FaceCore

0x7fff67898000 - 0x7fff67921ff3 com.apple.FileProvider (125.15 - 125.15) <89C9975D-83FA-3E6E-A662-276D6030570F> /System/Library/PrivateFrameworks/FileProvider.framework/Versions/A/FileProvider

0x7fff67922000 - 0x7fff67931ff7 com.apple.icloud.FindMyDevice (1.0 - 1) <0F3F5778-51B4-3209-B95A-3BD1BA1E4BB9> /System/Library/PrivateFrameworks/FindMyDevice.framework/Versions/A/FindMyDevice

0x7fff6ab15000 - 0x7fff6ab20fff libGPUSupport.dylib (16.7.4) <16E276E6-27A7-36AF-A8B5-883E16B95A3A> /System/Library/PrivateFrameworks/GPUSupport.framework/Versions/A/Libraries/libGPUSupport.dylib

0x7fff6ab2d000 - 0x7fff6ab32fff com.apple.GPUWrangler (3.20.18 - 3.20.18) <B54A9063-01EC-3D2C-8924-86A1F315DEA2> /System/Library/PrivateFrameworks/GPUWrangler.framework/Versions/A/GPUWrangler

0x7fff6aee6000 - 0x7fff6af0bff3 com.apple.GenerationalStorage (2.0 - 285.3) <0C898B63-E9A3-3D93-BB3D-CD54BFE51DED> /System/Library/PrivateFrameworks/GenerationalStorage.framework/Versions/A/GenerationalStorage

0x7fff6af23000 - 0x7fff6b865ff7 com.apple.GeoServices (1.0 - 1363.24.8.15.58) <9686AD86-FE07-3604-B91C-D372FF641E8E> /System/Library/PrivateFrameworks/GeoServices.framework/Versions/A/GeoServices

0x7fff6b8a8000 - 0x7fff6b8b7fff com.apple.GraphVisualizer (1.0 - 5) <EB42FFAD-2BCA-3DE2-B40E-AFDE6E7FAA4D> /System/Library/PrivateFrameworks/GraphVisualizer.framework/Versions/A/GraphVisualizer

0x7fff6b93a000 - 0x7fff6b9aefff com.apple.Heimdal (4.0 - 2.0) <FF7BC1AE-1BA6-3150-A7CC-B9E0AD5EBE7F> /System/Library/PrivateFrameworks/Heimdal.framework/Versions/A/Heimdal

0x7fff6ba49000 - 0x7fff6bb5eff3 com.apple.ids (10.0 - 1000) <2925D308-8A32-3500-8947-38F90A8D3B18> /System/Library/PrivateFrameworks/IDS.framework/Versions/A/IDS

0x7fff6bb5f000 - 0x7fff6bc3fff7 com.apple.idsfoundation (10.0 - 1000) <2F45D69D-91E7-3759-AEE3-66E826E564C1> /System/Library/PrivateFrameworks/IDSFoundation.framework/Versions/A/IDSFoundation

0x7fff6c191000 - 0x7fff6c1f7ff3 com.apple.imfoundation (10.0 - 1000) <D554FCD2-93FD-38DF-986A-9EF3CE2D2810> /System/Library/PrivateFrameworks/IMFoundation.framework/Versions/A/IMFoundation

0x7fff6c2c1000 - 0x7fff6c2c8ff7 com.apple.IOAccelerator (378.28 - 378.28) <F109E4CB-49D9-37FB-974A-8A3E9E8A61DA> /System/Library/PrivateFrameworks/IOAccelerator.framework/Versions/A/IOAccelerator

0x7fff6c2cb000 - 0x7fff6c2cbfff com.apple.IOPlatformPluginFamily (1.0 - 1) <12304FFA-CA31-3210-8785-AFE3516277BB> /System/Library/PrivateFrameworks/IOPlatformPluginFamily.framework/Versions/A/IOPlatformPluginFamily

0x7fff6c2cc000 - 0x7fff6c2e3fff com.apple.IOPresentment (1.0 - 35.1) <AC89202B-8433-3B62-A7BE-467D1905F6FB> /System/Library/PrivateFrameworks/IOPresentment.framework/Versions/A/IOPresentment

0x7fff6c6ae000 - 0x7fff6c6d4ffb com.apple.IconServices (97.6 - 97.6) <7913A453-8D29-31DC-ADDB-7CEC068C9B86> /System/Library/PrivateFrameworks/IconServices.framework/Versions/A/IconServices

0x7fff6c6dc000 - 0x7fff6c6e1ffb com.apple.incomingcallfilter (10.0 - 1000) <106B5691-09E6-364D-9593-B45EA54A4B75> /System/Library/PrivateFrameworks/IncomingCallFilter.framework/Versions/A/IncomingCallFilter

0x7fff6c7de000 - 0x7fff6c7defff com.apple.IntentsFoundation (1.0 - 1) <29767416-3A82-36F1-900B-14B7F0CCD1AC> /System/Library/PrivateFrameworks/IntentsFoundation.framework/Versions/A/IntentsFoundation

0x7fff6c7e1000 - 0x7fff6c7e4ff3 com.apple.InternationalSupport (1.0 - 1) <D020C355-DCC1-3D7E-8FCE-BD6FF441824D> /System/Library/PrivateFrameworks/InternationalSupport.framework/Versions/A/InternationalSupport

0x7fff6c7e8000 - 0x7fff6c851fff com.apple.framework.internetaccounts (2.1 - 210) <8771E5EC-9A77-3FE0-88BC-BF80D51D889D> /System/Library/PrivateFrameworks/InternetAccounts.framework/Versions/A/InternetAccounts

0x7fff6c852000 - 0x7fff6c862ffb com.apple.IntlPreferences (2.0 - 227.5.2) <E036B12B-6017-3EF6-9E73-71DCE8036608> /System/Library/PrivateFrameworks/IntlPreferences.framework/Versions/A/IntlPreferences

0x7fff6c8fd000 - 0x7fff6c90afff com.apple.KerberosHelper (4.0 - 1.0) <A2C8A815-3711-371D-AA39-32D5A63440ED> /System/Library/PrivateFrameworks/KerberosHelper.framework/Versions/A/KerberosHelper

0x7fff6c959000 - 0x7fff6c96cff3 com.apple.security.KeychainCircle.KeychainCircle (1.0 - 1) <B999BEF6-F3E7-30EE-9177-FBC8E826659D> /System/Library/PrivateFrameworks/KeychainCircle.framework/Versions/A/KeychainCircle

0x7fff6c96d000 - 0x7fff6ca62ff7 com.apple.LanguageModeling (1.0 - 159.5.3) <FAA236D6-CFB8-37D2-B635-B324E0719E32> /System/Library/PrivateFrameworks/LanguageModeling.framework/Versions/A/LanguageModeling

0x7fff6ca63000 - 0x7fff6caa5fff com.apple.Lexicon-framework (1.0 - 33.5) <F8DD2D09-5CEE-3741-93CF-223FC61FCCA4> /System/Library/PrivateFrameworks/Lexicon.framework/Versions/A/Lexicon

0x7fff6caa9000 - 0x7fff6cab0ff7 com.apple.LinguisticData (1.0 - 238.3) <6F2ED02A-2120-3ABA-8EC1-314E4FFE77F3> /System/Library/PrivateFrameworks/LinguisticData.framework/Versions/A/LinguisticData

0x7fff6cba1000 - 0x7fff6cba6fff com.apple.LoginUICore (4.0 - 4.0) <36498D1E-C415-3B88-B01B-3F07320D7BC3> /System/Library/PrivateFrameworks/LoginUIKit.framework/Versions/A/Frameworks/LoginUICore.framework/Versions/A/LoginUICore

0x7fff6cbf2000 - 0x7fff6cc0fff7 com.apple.LookupFramework (1.2 - 239.1) <FCD6ED39-561B-314F-AFF8-BE75A700D97D> /System/Library/PrivateFrameworks/Lookup.framework/Versions/A/Lookup

0x7fff6d2b1000 - 0x7fff6d2b4fff com.apple.Mangrove (1.0 - 1) <471F4581-5235-3381-B16B-CE92ED6CF086> /System/Library/PrivateFrameworks/Mangrove.framework/Versions/A/Mangrove

0x7fff6d340000 - 0x7fff6d342ff7 com.apple.marco (10.0 - 1000) <549D80DA-37C0-390D-8053-8045C194A5CE> /System/Library/PrivateFrameworks/Marco.framework/Versions/A/Marco

0x7fff6d3d0000 - 0x7fff6d403ff7 com.apple.MediaKit (16 - 873) <C7FAF9D2-99FE-332E-AAB8-75081AA5145A> /System/Library/PrivateFrameworks/MediaKit.framework/Versions/A/MediaKit

0x7fff6d7c4000 - 0x7fff6d82dff7 com.apple.gpusw.MetalTools (1.0 - 1) <F2A47319-0430-3BB5-943E-651A40C127A9> /System/Library/PrivateFrameworks/MetalTools.framework/Versions/A/MetalTools

0x7fff6d836000 - 0x7fff6d84dff7 com.apple.MobileAssets (1.0 - 437.60.1) <94912D67-E290-3205-B919-C70C0A8D7FCF> /System/Library/PrivateFrameworks/MobileAsset.framework/Versions/A/MobileAsset

0x7fff6da0b000 - 0x7fff6da24fff com.apple.MobileKeyBag (2.0 - 1.0) <9EA31672-3B83-3ABF-B2D5-8584E159051E> /System/Library/PrivateFrameworks/MobileKeyBag.framework/Versions/A/MobileKeyBag

0x7fff6dab0000 - 0x7fff6dadaffb com.apple.MultitouchSupport.framework (1614.1 - 1614.1) <A376F2FB-64AE-3B35-88B0-7D2BB4D1CB7C> /System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport

0x7fff6dbe8000 - 0x7fff6dcdbff7 com.apple.Navigation (1.0 - 1) <75AA1754-49B6-329B-8EFF-9939AB421098> /System/Library/PrivateFrameworks/Navigation.framework/Versions/A/Navigation

0x7fff6dd41000 - 0x7fff6dd4cfff com.apple.NetAuth (6.2 - 6.2) <85C5D94D-C67E-36DC-B0EA-02F53AC4FCD3> /System/Library/PrivateFrameworks/NetAuth.framework/Versions/A/NetAuth

0x7fff6dd59000 - 0x7fff6de45ff3 com.apple.Network (1.0 - 1) <29103E32-289F-3FB1-8AD0-BB745F229A34> /System/Library/PrivateFrameworks/Network.framework/Versions/A/Network

0x7fff6e5b1000 - 0x7fff6e5b3fff com.apple.OAuth (25 - 25) <0C5BB56F-DBF5-3127-9835-893A2187A602> /System/Library/PrivateFrameworks/OAuth.framework/Versions/A/OAuth

0x7fff6f5e8000 - 0x7fff6f5f8ffb com.apple.PerformanceAnalysis (1.194 - 194) <B6934994-BD69-36F9-914E-6BBDCD797612> /System/Library/PrivateFrameworks/PerformanceAnalysis.framework/Versions/A/PerformanceAnalysis

0x7fff6f5f9000 - 0x7fff6f624fff com.apple.persistentconnection (1.0 - 1.0) <6207CBD9-51DA-38E0-A02B-2AE753BD8355> /System/Library/PrivateFrameworks/PersistentConnection.framework/Versions/A/PersistentConnection

0x7fff6f625000 - 0x7fff6f636ffb com.apple.PersonaKit (1.0 - 1) <47B3049B-ABDA-3D8C-8A36-7F3F0766DCC6> /System/Library/PrivateFrameworks/PersonaKit.framework/Versions/A/PersonaKit

0x7fff6f637000 - 0x7fff6f645ffb com.apple.PersonaUI (1.0 - 1) <39C39F40-37B7-320D-B649-4611164FCD62> /System/Library/PrivateFrameworks/PersonaUI.framework/Versions/A/PersonaUI

0x7fff6f670000 - 0x7fff6f670ff7 com.apple.PhoneNumbers (1.0 - 1) <028721F6-1E07-3813-BA1E-FB33D8F88871> /System/Library/PrivateFrameworks/PhoneNumbers.framework/Versions/A/PhoneNumbers

0x7fff71043000 - 0x7fff71068fff com.apple.pluginkit.framework (1.0 - 1) <3C6FA287-D379-3BD3-80C0-678B1BB0D4DA> /System/Library/PrivateFrameworks/PlugInKit.framework/Versions/A/PlugInKit

0x7fff7135f000 - 0x7fff713b6fff com.apple.ProtectedCloudStorage (1.0 - 1) <29C0FB61-2227-3648-AD01-502B1DDA63ED> /System/Library/PrivateFrameworks/ProtectedCloudStorage.framework/Versions/A/ProtectedCloudStorage

0x7fff713b7000 - 0x7fff713d5fff com.apple.ProtocolBuffer (1 - 260) <195906B1-1DB1-3AD2-B2F7-87B867C27F40> /System/Library/PrivateFrameworks/ProtocolBuffer.framework/Versions/A/ProtocolBuffer

0x7fff71542000 - 0x7fff71558ff7 com.apple.QuickLookThumbnailing (1.0 - 1) <043881FB-D325-3145-99B9-B9307AF99365> /System/Library/PrivateFrameworks/QuickLookThumbnailing.framework/Versions/A/QuickLookThumbnailing

0x7fff715a3000 - 0x7fff715affff com.apple.xpc.RemoteServiceDiscovery (1.0 - 1205.70.16) <AEAA88C6-CBB6-3598-9548-E4DF155B4A64> /System/Library/PrivateFrameworks/RemoteServiceDiscovery.framework/Versions/A/RemoteServiceDiscovery

0x7fff715b0000 - 0x7fff715d3ffb com.apple.RemoteViewServices (2.0 - 125) <695CBF89-C15C-3E4C-8045-B46DCA64E3FB> /System/Library/PrivateFrameworks/RemoteViewServices.framework/Versions/A/RemoteViewServices

0x7fff715d4000 - 0x7fff715e9ff3 com.apple.xpc.RemoteXPC (1.0 - 1205.70.16) <DD597F26-6BBE-3DAD-9257-7A5FCD60C109> /System/Library/PrivateFrameworks/RemoteXPC.framework/Versions/A/RemoteXPC

0x7fff72db1000 - 0x7fff72db4ff3 com.apple.SecCodeWrapper (4.0 - 360.50.7) <E6281F4F-9A07-3098-A352-7AC41CF942A4> /System/Library/PrivateFrameworks/SecCodeWrapper.framework/Versions/A/SecCodeWrapper

0x7fff72ef9000 - 0x7fff7300eff7 com.apple.Sharing (1050.22.9 - 1050.22.9) <CAB71093-B187-363E-BBAA-B0D23D7642AA> /System/Library/PrivateFrameworks/Sharing.framework/Versions/A/Sharing

0x7fff73039000 - 0x7fff7303aff7 com.apple.performance.SignpostNotification (1.2.6 - 2.6) <E77879A4-B040-3BE0-86F5-98173A4100AD> /System/Library/PrivateFrameworks/SignpostNotification.framework/Versions/A/SignpostNotification

0x7fff73d98000 - 0x7fff74035fff com.apple.SkyLight (1.600.0 - 312.103.12) <A65B547C-B7CA-3E33-A0C5-58AB436A8467> /System/Library/PrivateFrameworks/SkyLight.framework/Versions/A/SkyLight

0x7fff747fe000 - 0x7fff7480bfff com.apple.SpeechRecognitionCore (4.6.1 - 4.6.1) <90CDCEAD-5A65-3C35-9370-2B306895E97C> /System/Library/PrivateFrameworks/SpeechRecognitionCore.framework/Versions/A/SpeechRecognitionCore

0x7fff748bd000 - 0x7fff74afbff3 com.apple.spotlight.index (10.7.0 - 1191.8) <E270F050-B6B4-3378-AC2B-A1FE7D6BAE95> /System/Library/PrivateFrameworks/SpotlightIndex.framework/Versions/A/SpotlightIndex

0x7fff74cb8000 - 0x7fff74cdffff com.apple.StreamingZip (1.0 - 1) <B5C3D9D6-B1DC-33E5-B7D2-ADAF3E0CA30E> /System/Library/PrivateFrameworks/StreamingZip.framework/Versions/A/StreamingZip

0x7fff753b1000 - 0x7fff7543afc7 com.apple.Symbolication (9.3 - 64033) <F576D527-4CB1-34A5-B15E-1130833EEDAB> /System/Library/PrivateFrameworks/Symbolication.framework/Versions/A/Symbolication

0x7fff7544b000 - 0x7fff75453ffb com.apple.SymptomDiagnosticReporter (1.0 - 820.60.3) <F17BD2C2-43B1-32AD-B264-5B9405F60776> /System/Library/PrivateFrameworks/SymptomDiagnosticReporter.framework/Versions/A/SymptomDiagnosticReporter

0x7fff756f5000 - 0x7fff756ffff3 com.apple.SyncedDefaults (2.0 - 273) <5B8852DC-70CD-306C-81F9-2EDA67830F53> /System/Library/PrivateFrameworks/SyncedDefaults.framework/Versions/A/SyncedDefaults

0x7fff75700000 - 0x7fff7572cfff com.apple.framework.SystemAdministration (1.0 - 1.0) <7C8751C6-CC97-3DBB-B586-778F46FC5858> /System/Library/PrivateFrameworks/SystemAdministration.framework/Versions/A/SystemAdministration

0x7fff759ab000 - 0x7fff759b3ff7 com.apple.TCC (1.0 - 1) <9D5466C6-A8B6-3C24-A791-6506B81D9998> /System/Library/PrivateFrameworks/TCC.framework/Versions/A/TCC

0x7fff759bd000 - 0x7fff75a63ffb com.apple.TelephonyUtilities (1.0 - 1.0) <C1266360-1129-32BD-A326-9DB183CA69E9> /System/Library/PrivateFrameworks/TelephonyUtilities.framework/Versions/A/TelephonyUtilities

0x7fff75bc0000 - 0x7fff75c7dff7 com.apple.TextureIO (3.7 - 3.7) <32C460CD-E93D-3FA5-A4AE-CA648722F5FE> /System/Library/PrivateFrameworks/TextureIO.framework/Versions/A/TextureIO

0x7fff75cd4000 - 0x7fff75cefffb com.apple.ToneKit (1.0 - 1) <8507A7F0-2DF3-3472-B2D9-5C634E32F4B1> /System/Library/PrivateFrameworks/ToneKit.framework/Versions/A/ToneKit

0x7fff75cf0000 - 0x7fff75d17fff com.apple.ToneLibrary (1.0 - 1) <CE92F532-89E1-369E-B750-A60A47BF4059> /System/Library/PrivateFrameworks/ToneLibrary.framework/Versions/A/ToneLibrary

0x7fff75d27000 - 0x7fff75d28fff com.apple.TrustEvaluationAgent (2.0 - 31) <D88126F5-BF35-30FB-BAC2-B804D7EB65B0> /System/Library/PrivateFrameworks/TrustEvaluationAgent.framework/Versions/A/TrustEvaluationAgent

0x7fff75d2e000 - 0x7fff75edefff com.apple.UIFoundation (1.0 - 547.9) <D0994333-5EB4-3415-8D18-2A0487AE91E0> /System/Library/PrivateFrameworks/UIFoundation.framework/Versions/A/UIFoundation

0x7fff75f5b000 - 0x7fff75fc0fff com.apple.UserActivity (98.10 - 98.10) <FD8FAA3D-AD8D-3CF3-B322-712AC8ADE7CC> /System/Library/PrivateFrameworks/UserActivity.framework/Versions/A/UserActivity

0x7fff760a8000 - 0x7fff7677fff3 com.apple.VectorKit (1.0 - 1359.24.8.15.42) <85670FCA-7148-3DC7-A93C-BAAB5DB53C4A> /System/Library/PrivateFrameworks/VectorKit.framework/Versions/A/VectorKit

0x7fff76bb3000 - 0x7fff76c82ff7 com.apple.ViewBridge (343.2 - 343.2) <0A295791-B763-3E58-A9DD-8E4F40E815C9> /System/Library/PrivateFrameworks/ViewBridge.framework/Versions/A/ViewBridge

0x7fff76eb9000 - 0x7fff76f1cffb com.apple.WhitePagesFramework (10.7.0 - 141.0) <E2389A6D-4D12-3B88-A760-45D3F19D1617> /System/Library/PrivateFrameworks/WhitePages.framework/Versions/A/WhitePages

0x7fff7748f000 - 0x7fff774c5ffb com.apple.iCalendar (7.0 - 275.4.1) <AE10C267-8A06-3CC5-8828-2317AE080CBE> /System/Library/PrivateFrameworks/iCalendar.framework/Versions/A/iCalendar

0x7fff7765a000 - 0x7fff7765cffb com.apple.loginsupport (1.0 - 1) <E273A65A-6379-3787-B119-BC6ED94D4A81> /System/Library/PrivateFrameworks/login.framework/Versions/A/Frameworks/loginsupport.framework/Versions/A/loginsupport

0x7fff7765d000 - 0x7fff77672fff com.apple.login (3.0 - 3.0) <73202649-0081-3B4B-AD90-226C4F69A705> /System/Library/PrivateFrameworks/login.framework/Versions/A/login

0x7fff7769d000 - 0x7fff776cafff com.apple.contacts.vCard (1.0 - 2330.3) <E13E0B5B-778D-3995-9704-40D870BEF2F2> /System/Library/PrivateFrameworks/vCard.framework/Versions/A/vCard

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0x7fff778b0000 - 0x7fff778e9ff7 libCRFSuite.dylib (41) <14B00FCF-4C67-3736-95B5-76FEA6E4972C> /usr/lib/libCRFSuite.dylib

0x7fff778ea000 - 0x7fff778f5fff libChineseTokenizer.dylib (28) <2237A259-0E59-3DD0-BADC-281C361FAB70> /usr/lib/libChineseTokenizer.dylib

0x7fff778f6000 - 0x7fff77983ff7 libCoreStorage.dylib (546.50.1) <19017524-8E8B-3A92-97F1-C7701F81C449> /usr/lib/libCoreStorage.dylib

0x7fff77987000 - 0x7fff77988ff3 libDiagnosticMessagesClient.dylib (104) <3F855622-352B-3EA8-B7C8-94D1DB48C080> /usr/lib/libDiagnosticMessagesClient.dylib

0x7fff779bf000 - 0x7fff77b89ff3 libFosl\_dynamic.dylib (17.8) <1A2A9D53-129E-3F7D-AE23-1D6E6D9EA017> /usr/lib/libFosl\_dynamic.dylib

0x7fff77ba9000 - 0x7fff77bb0fff libMatch.1.dylib (31) <7C8FF628-4B3B-3D63-AAEB-B85F41361DFC> /usr/lib/libMatch.1.dylib

0x7fff77bc1000 - 0x7fff77bc1fff libOpenScriptingUtil.dylib (174) <AC38B2C3-5A37-30EB-A246-CEFABD3DD4E7> /usr/lib/libOpenScriptingUtil.dylib

0x7fff77cf8000 - 0x7fff77cfcffb libScreenReader.dylib (562.18.5) <FFB20E40-7669-30F6-8577-B74E18076376> /usr/lib/libScreenReader.dylib

0x7fff77cfd000 - 0x7fff77cfeffb libSystem.B.dylib (1252.50.4) <5A02016C-8F9D-3F47-8C39-AD2CD4F9F11D> /usr/lib/libSystem.B.dylib

0x7fff77cff000 - 0x7fff77d7cfff libTelephonyUtilDynamic.dylib (3316) <90953FEB-7E7A-371F-87AA-8BF136FD1EB9> /usr/lib/libTelephonyUtilDynamic.dylib

0x7fff77d7d000 - 0x7fff77d7efff libThaiTokenizer.dylib (2.2) <C62E7A0C-338D-31B3-8DC1-FEB8ADB23365> /usr/lib/libThaiTokenizer.dylib

0x7fff77d91000 - 0x7fff77d91fff libapple\_crypto.dylib (109.50.15) <A8DEA8E9-5769-3C78-824D-969A98B94086> /usr/lib/libapple\_crypto.dylib

0x7fff77d92000 - 0x7fff77da8ff7 libapple\_nghttp2.dylib (1.24) <24338D88-5D73-3165-9CFB-5A92734C9040> /usr/lib/libapple\_nghttp2.dylib

0x7fff77da9000 - 0x7fff77dd3ff3 libarchive.2.dylib (54) <D2B6AD30-18CB-3E3C-ABBF-A0745654350F> /usr/lib/libarchive.2.dylib

0x7fff77dd4000 - 0x7fff77ed7fe7 libate.dylib (1.13.1) <D828353D-3D64-30E3-970F-8D295407610D> /usr/lib/libate.dylib

0x7fff77edb000 - 0x7fff77edbff3 libauto.dylib (187) <92E693DF-D74D-39A0-99AB-8A9F6FFEBA18> /usr/lib/libauto.dylib

0x7fff77edc000 - 0x7fff77f95ffb libboringssl.dylib (109.50.15) <FC25FE02-6AA8-3F0B-9EF3-56A455C08C0F> /usr/lib/libboringssl.dylib

0x7fff77f96000 - 0x7fff77fa6ff3 libbsm.0.dylib (39) <18D57879-A717-3466-9637-1704EE59A32A> /usr/lib/libbsm.0.dylib

0x7fff77fa7000 - 0x7fff77fb4ffb libbz2.1.0.dylib (38) <0B4321CD-3D6F-3095-A12E-27F66B4321AD> /usr/lib/libbz2.1.0.dylib

0x7fff77fb5000 - 0x7fff7800bfff libc++.1.dylib (400.9) <142D6292-F30F-3949-9F37-3C97A579F540> /usr/lib/libc++.1.dylib

0x7fff7800c000 - 0x7fff78030ff7 libc++abi.dylib (400.8.2) <EF5E37D7-11D9-3530-BE45-B986612D13E2> /usr/lib/libc++abi.dylib

0x7fff78032000 - 0x7fff78042fff libcmph.dylib (6) <890DEC4C-4334-393C-8B56-7C8560BBED9D> /usr/lib/libcmph.dylib

0x7fff78043000 - 0x7fff7805afd3 libcompression.dylib (47.60.2) <CC7ACB0A-49CD-3564-978F-49F843186F27> /usr/lib/libcompression.dylib

0x7fff78305000 - 0x7fff7831dff7 libcoretls.dylib (155.50.1) <087E9F90-21E5-376D-9956-C4E346409682> /usr/lib/libcoretls.dylib

0x7fff7831e000 - 0x7fff7831fff3 libcoretls\_cfhelpers.dylib (155.50.1) <78CCDD10-7D71-365E-A0A5-8524ED5F5BF9> /usr/lib/libcoretls\_cfhelpers.dylib

0x7fff784b8000 - 0x7fff78649fff libcrypto.35.dylib (22.50.3) <6E609F99-59BC-3AEA-9DB3-FD360A2C50CC> /usr/lib/libcrypto.35.dylib

0x7fff787e4000 - 0x7fff787efff7 libcsfde.dylib (546.50.1) <5A79D6BF-EC0E-32CD-AEA4-93F164683393> /usr/lib/libcsfde.dylib

0x7fff787f0000 - 0x7fff78845ff3 libcups.2.dylib (462.2.10) <590D6ACC-68A0-371E-8646-FC59F814534B> /usr/lib/libcups.2.dylib

0x7fff78870000 - 0x7fff788c4fff libcurl.4.dylib (105.40.2) <5F488A16-AD24-3C06-A0E5-B32D9358ED01> /usr/lib/libcurl.4.dylib

0x7fff78985000 - 0x7fff78985fff libenergytrace.dylib (16) <1F11D488-07C6-3D18-BEF2-0B28A992D761> /usr/lib/libenergytrace.dylib

0x7fff789b7000 - 0x7fff789bbff7 libgermantok.dylib (17) <DABC5487-8699-3254-9CA2-D743A9F24413> /usr/lib/libgermantok.dylib

0x7fff789bc000 - 0x7fff789c1ff3 libheimdal-asn1.dylib (520.50.9) <EF65C17E-31CD-31DC-876C-BF3EF393099C> /usr/lib/libheimdal-asn1.dylib

0x7fff789ed000 - 0x7fff78adeff7 libiconv.2.dylib (51.50.1) <7965B866-C75A-3450-9891-0500349F7090> /usr/lib/libiconv.2.dylib

0x7fff78adf000 - 0x7fff78d06ffb libicucore.A.dylib (59181.0.1) <17767680-09DF-3954-AB6C-B13B41F92A2E> /usr/lib/libicucore.A.dylib

0x7fff78d53000 - 0x7fff78d54fff liblangid.dylib (128) <C54A2059-A4BE-364B-94C2-581C548459BC> /usr/lib/liblangid.dylib

0x7fff78d55000 - 0x7fff78d6effb liblzma.5.dylib (10) <60BEAB81-CE65-3479-90CC-03325AACEC95> /usr/lib/liblzma.5.dylib

0x7fff78d6f000 - 0x7fff78d85ff7 libmarisa.dylib (9) <47540053-02CF-35F8-A75E-074DB3D51812> /usr/lib/libmarisa.dylib

0x7fff78d86000 - 0x7fff78e35fff libmecab.1.0.0.dylib (779.7.6) <9003A13E-FD53-3428-9927-E40575C764C6> /usr/lib/libmecab.1.0.0.dylib

0x7fff78e36000 - 0x7fff7905eff7 libmecabra.dylib (779.7.6) <B2ACB6A9-91AE-364B-9418-8EB938BF82B6> /usr/lib/libmecabra.dylib

0x7fff79236000 - 0x7fff793b1fff libnetwork.dylib (1229.70.2) <0596A03E-C984-3FE6-B88E-63D5F96EC49A> /usr/lib/libnetwork.dylib

0x7fff79438000 - 0x7fff798293b7 libobjc.A.dylib (723) <616AB826-9179-3924-AA61-AF760363A3F5> /usr/lib/libobjc.A.dylib

0x7fff7982a000 - 0x7fff7982bfff libodfde.dylib (24.50.1) <5BDC9B9B-32BE-3E6F-ADF1-FFC0BA66B22C> /usr/lib/libodfde.dylib

0x7fff7983c000 - 0x7fff79840fff libpam.2.dylib (22) <E5840D63-8506-301A-9182-5000031854E1> /usr/lib/libpam.2.dylib

0x7fff79843000 - 0x7fff7987bff7 libpcap.A.dylib (79.20.3) <6A9D27FA-2780-3E96-8B2E-645638AC13AC> /usr/lib/libpcap.A.dylib

0x7fff798fa000 - 0x7fff79916ffb libresolv.9.dylib (65.1) <D9BB6307-71E4-3A94-A745-1FCA114C6894> /usr/lib/libresolv.9.dylib

0x7fff79918000 - 0x7fff79951ff3 libsandbox.1.dylib (765.70.2) <2EF407AA-45B0-3E54-83B7-CA40F778FACA> /usr/lib/libsandbox.1.dylib

0x7fff79952000 - 0x7fff79964fff libsasl2.2.dylib (211.0.2) <AB5F6754-6A33-332D-B7D3-3E8D34900AE6> /usr/lib/libsasl2.2.dylib

0x7fff79965000 - 0x7fff79966ff3 libspindump.dylib (252) <7BE3801C-F1F5-3F54-AB70-9842F8EF3F09> /usr/lib/libspindump.dylib

0x7fff79967000 - 0x7fff79af4ff7 libsqlite3.dylib (274.8.1) <B70A2908-E0F7-364E-952A-1D2D19787B89> /usr/lib/libsqlite3.dylib

0x7fff79b50000 - 0x7fff79ba3ffb libssl.35.dylib (22.50.3) <208CD5D9-F165-3DED-9DE0-BF2B349895E8> /usr/lib/libssl.35.dylib

0x7fff79c7b000 - 0x7fff79cb0fff libtidy.A.dylib (15.18.4) <A9924A4E-D9DF-3B4F-BC9D-75B419DB6EEE> /usr/lib/libtidy.A.dylib

0x7fff79cc8000 - 0x7fff79d28ff3 libusrtcp.dylib (1229.70.2) <1E065228-D0E3-3808-9405-894056C6BEC0> /usr/lib/libusrtcp.dylib

0x7fff79d29000 - 0x7fff79d2cffb libutil.dylib (51.20.1) <A50E15F1-20A2-3EA7-A8CE-A43662E18587> /usr/lib/libutil.dylib

0x7fff79d2d000 - 0x7fff79d3aff3 libxar.1.dylib (417.1) <351781D5-3CCF-320F-BB5A-4DFCC1CCD31D> /usr/lib/libxar.1.dylib

0x7fff79d3e000 - 0x7fff79e25ffb libxml2.2.dylib (31.20) <286F8531-7001-3989-9640-284443355433> /usr/lib/libxml2.2.dylib

0x7fff79e26000 - 0x7fff79e4efff libxslt.1.dylib (15.16) <57D56366-1E7B-356C-B2B8-F4688FF666E6> /usr/lib/libxslt.1.dylib

0x7fff79e4f000 - 0x7fff79e61ffb libz.1.dylib (70) <47278BDC-596E-3037-B8DA-05FE9D5DBEF6> /usr/lib/libz.1.dylib

0x7fff79efd000 - 0x7fff79f01ff7 libcache.dylib (80) <096D3699-58D2-3D23-9512-BC88DAE7B16C> /usr/lib/system/libcache.dylib

0x7fff79f02000 - 0x7fff79f0cff3 libcommonCrypto.dylib (60118.50.1) <B4E77BD4-A809-37E1-8A79-25955E0F5D9C> /usr/lib/system/libcommonCrypto.dylib

0x7fff79f0d000 - 0x7fff79f14fff libcompiler\_rt.dylib (62) <4CEED002-D00B-35F8-B563-0546A5F71A43> /usr/lib/system/libcompiler\_rt.dylib

0x7fff79f15000 - 0x7fff79f1effb libcopyfile.dylib (146.50.5) <F7A7999F-9509-3C67-8EE9-95BEE6772676> /usr/lib/system/libcopyfile.dylib

0x7fff79f1f000 - 0x7fff79fa4ffb libcorecrypto.dylib (562.70.3) <9C6E5CC2-272B-3740-AEDB-9EBEC98EC7F9> /usr/lib/system/libcorecrypto.dylib

0x7fff7a02c000 - 0x7fff7a065ff7 libdispatch.dylib (913.60.3) <285526B6-A2A6-316D-A1CC-37803B71E203> /usr/lib/system/libdispatch.dylib

0x7fff7a066000 - 0x7fff7a083ff7 libdyld.dylib (551.5) <49ABA86D-DD48-3133-9B14-B9A564EEBC66> /usr/lib/system/libdyld.dylib

0x7fff7a084000 - 0x7fff7a084ffb libkeymgr.dylib (28) <7CC7B5E1-AB7F-3495-A26A-396461BCB66B> /usr/lib/system/libkeymgr.dylib

0x7fff7a085000 - 0x7fff7a091ff3 libkxld.dylib (4570.71.82.8) <44AF05D7-6BDF-3A9B-B5CF-D16C98B6844E> /usr/lib/system/libkxld.dylib

0x7fff7a092000 - 0x7fff7a092ff7 liblaunch.dylib (1205.70.16) <265EE555-E988-3EE5-A39E-028FB3A5FE11> /usr/lib/system/liblaunch.dylib

0x7fff7a093000 - 0x7fff7a097ffb libmacho.dylib (906) <F5F16E2F-F961-3FF4-B02F-69BBDB57B8DC> /usr/lib/system/libmacho.dylib

0x7fff7a098000 - 0x7fff7a09afff libquarantine.dylib (86.70.1) <262CECFE-A493-3EC6-8608-CEA93757265E> /usr/lib/system/libquarantine.dylib

0x7fff7a09b000 - 0x7fff7a09cff3 libremovefile.dylib (45) <EA24BFB6-24B7-3841-8AAC-FAF400910706> /usr/lib/system/libremovefile.dylib

0x7fff7a09d000 - 0x7fff7a0b4fff libsystem\_asl.dylib (356.70.1) <9481D82D-CFB7-3032-A07F-88F7F59CAC2C> /usr/lib/system/libsystem\_asl.dylib

0x7fff7a0b5000 - 0x7fff7a0b5fff libsystem\_blocks.dylib (67) <FA2C3663-9DBB-3AFB-80A3-E77BE0816AD0> /usr/lib/system/libsystem\_blocks.dylib

0x7fff7a0b6000 - 0x7fff7a13fff7 libsystem\_c.dylib (1244.50.9) <25DD83D8-80CA-3DFF-8626-FE704911F19C> /usr/lib/system/libsystem\_c.dylib

0x7fff7a140000 - 0x7fff7a143ffb libsystem\_configuration.dylib (963.50.9) <61B26E1D-FEFF-38C6-AE0E-A6DD90145EB2> /usr/lib/system/libsystem\_configuration.dylib

0x7fff7a144000 - 0x7fff7a147ffb libsystem\_coreservices.dylib (51) <E8FA663F-1B0F-3B12-8F97-31A46E6B4D68> /usr/lib/system/libsystem\_coreservices.dylib

0x7fff7a148000 - 0x7fff7a149fff libsystem\_darwin.dylib (1244.50.9) <6195EEA1-83A7-35F0-8147-5AB031020CD0> /usr/lib/system/libsystem\_darwin.dylib

0x7fff7a14a000 - 0x7fff7a150ffb libsystem\_dnssd.dylib (878.70.4) <0D2C9583-5D28-375B-AEB4-F66F18C78322> /usr/lib/system/libsystem\_dnssd.dylib

0x7fff7a151000 - 0x7fff7a19aff7 libsystem\_info.dylib (517.30.1) <9C2C96F3-638B-34E7-A2BD-24C643EAF957> /usr/lib/system/libsystem\_info.dylib

0x7fff7a19b000 - 0x7fff7a1c1ff7 libsystem\_kernel.dylib (4570.71.82.8) <C34BA704-FAFF-3DDB-9827-5930B5BEF134> /usr/lib/system/libsystem\_kernel.dylib

0x7fff7a1c2000 - 0x7fff7a20dfcb libsystem\_m.dylib (3147.50.1) <B3172533-77D2-3416-8487-4A505198E9E1> /usr/lib/system/libsystem\_m.dylib

0x7fff7a20e000 - 0x7fff7a22dff7 libsystem\_malloc.dylib (140.50.7) <821E16C8-7A7E-3269-9167-10F4F413BF93> /usr/lib/system/libsystem\_malloc.dylib

0x7fff7a22e000 - 0x7fff7a35eff7 libsystem\_network.dylib (1229.70.2) <07BFD80A-E7EB-3DEB-B765-5E1659453114> /usr/lib/system/libsystem\_network.dylib

0x7fff7a35f000 - 0x7fff7a369ffb libsystem\_networkextension.dylib (767.70.2) <A90BAFFD-AC3D-3078-90B2-71463DBFD4A5> /usr/lib/system/libsystem\_networkextension.dylib

0x7fff7a36a000 - 0x7fff7a373ff3 libsystem\_notify.dylib (172) <738B3BB0-4F20-3446-A3B6-095D796E5903> /usr/lib/system/libsystem\_notify.dylib

0x7fff7a374000 - 0x7fff7a37bff7 libsystem\_platform.dylib (161.50.1) <90A2A62F-8690-3FA7-A4D0-9085BF2FA44A> /usr/lib/system/libsystem\_platform.dylib

0x7fff7a37c000 - 0x7fff7a387fff libsystem\_pthread.dylib (301.50.1) <283E64A7-A2B2-3212-95BA-4D21F9AE36CF> /usr/lib/system/libsystem\_pthread.dylib

0x7fff7a388000 - 0x7fff7a38bfff libsystem\_sandbox.dylib (765.70.2) <C29E1B7A-F39B-344E-98F7-8FB32B10AE0A> /usr/lib/system/libsystem\_sandbox.dylib

0x7fff7a38c000 - 0x7fff7a38dff3 libsystem\_secinit.dylib (30) <4E84DF62-57B5-36F9-819F-3C1E7FEDA856> /usr/lib/system/libsystem\_secinit.dylib

0x7fff7a38e000 - 0x7fff7a395ff7 libsystem\_symptoms.dylib (820.60.3) <A45B4D84-2C69-3F19-83C2-2F1EEA73A7B5> /usr/lib/system/libsystem\_symptoms.dylib

0x7fff7a396000 - 0x7fff7a3aaff7 libsystem\_trace.dylib (829.70.2) <4C4E5351-E370-3226-9B30-61E250DE3B2E> /usr/lib/system/libsystem\_trace.dylib

0x7fff7a3ac000 - 0x7fff7a3b1ff7 libunwind.dylib (35.3) <BAE12DA3-CF33-32AD-86B0-CCD6705ADFAA> /usr/lib/system/libunwind.dylib

0x7fff7a3b2000 - 0x7fff7a3dffff libxpc.dylib (1205.70.16) <26D99819-B813-320E-9E8F-9D57AD2DA63B> /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: 292471

thread\_create: 0

thread\_set\_state: 0

VM Region Summary:

ReadOnly portion of Libraries: Total=543.8M resident=0K(0%) swapped\_out\_or\_unallocated=543.8M(100%)

Writable regions: Total=1.3G written=0K(0%) resident=0K(0%) swapped\_out=0K(0%) unallocated=1.3G(100%)

VIRTUAL REGION

REGION TYPE SIZE COUNT (non-coalesced)

=========== ======= =======

Accelerate framework 128K 2

Activity Tracing 256K 2

CG backing stores 224K 3

CG image 24K 4

CG raster data 16.3M 285

CoreAnimation 37.6M 142

CoreData Object IDs 4100K 3

CoreImage 8K 3

CoreUI image data 472K 7

CoreUI image file 180K 4

Foundation 28K 3

Image IO 1456K 86

JS JIT generated code 128.0M 4

JS JIT generated code (reserved) 896.0M 2 reserved VM address space (unallocated)

Kernel Alloc Once 8K 2

MALLOC 216.3M 143

MALLOC guard page 64K 17

Memory Tag 242 12K 2

Memory Tag 251 40K 2

OpenGL GLSL 256K 4

SQLite page cache 1344K 14

STACK GUARD 56.1M 19

Stack 16.6M 22

VM\_ALLOCATE 108K 16

WebKit Malloc 10.1M 7

\_\_DATA 68.2M 434

\_\_FONT\_DATA 4K 2

\_\_GLSLBUILTINS 2588K 2

\_\_LINKEDIT 209.9M 40

\_\_TEXT 334.0M 431

\_\_UNICODE 560K 2

mapped file 110.6M 239

shared memory 628K 11

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TOTAL 2.1G 1926

TOTAL, minus reserved VM space 1.2G 1926

Model: MacBookPro7,1, BootROM 68.0.0.0.0, 2 processors, Intel Core 2 Duo, 2.66 GHz, 4 GB, SMC 1.62f7

Graphics: NVIDIA GeForce 320M, NVIDIA GeForce 320M

Memory Module: BANK 0/DIMM0, 2 GB, DDR3, 1067 MHz, 0x80AD, 0x484D54313235533654465238432D47372020

Memory Module: BANK 1/DIMM0, 2 GB, DDR3, 1067 MHz, 0x80AD, 0x484D54313235533654465238432D47372020

AirPort: spairport\_wireless\_card\_type\_airport\_extreme (0x14E4, 0x8D), Broadcom BCM43xx 1.0 (5.106.98.102.30)

Bluetooth: Version 6.0.7f22, 3 services, 27 devices, 1 incoming serial ports

Network Service: Wi-Fi, AirPort, en1

Serial ATA Device: TS256GSSD370, 256.06 GB

Serial ATA Device: MATSHITADVD-R UJ-898

USB Device: USB Bus

USB Device: BRCM2046 Hub

USB Device: Bluetooth USB Host Controller

USB Device: IR Receiver

USB Device: Apple Internal Keyboard / Trackpad

USB Device: USB Bus

USB Device: USB 2.0 Bus

USB Device: Internal Memory Card Reader

USB Device: USB 2.0 Bus

USB Device: Built-in iSight

Thunderbolt Bus: