

Microsoft Error Reporting log version: 2.0

Error Signature:

Exception: EXC_BAD_ACCESS

ExceptionEnumString: 1

Exception Code: KERN_INVALID_ADDRESS (0x0000000000000013)

Date/Time: 2023-06-06 11:52:24 +0000

Application Name: Microsoft Excel

Application Bundle ID: com.microsoft.Excel

Application Signature: XCEL

Application Bitness: x64

Application Version: 16.75.0.23060401

Crashed Module Name: Microsoft Excel

Crashed Module Version: 16.75.23060401

Crashed Module Offset: 0x000000000071cdac

Blame Module Name: Microsoft Excel

Blame Module Version: 16.75.23060401

UnsymbolicatedChecksum: CB6685EBD2C842181E476CC59DF9E237

Blame Module Offset: 0x000000000071cdac

StackHash: ddf559d2df1a3a8f_1_main_arm

Application LCID: 1046

Extra app info: Reg=en Loc=0x0416

Build Type: Release

Crashed thread Stack Pointer: 0x_000000016eea4770

Crashed thread: 0

Thread 0 crashed (0x12797a):

```
# 1 0x0000000101660dac in (Microsoft Excel +
0x000000000071cdac) 0x0000000000000000
# 2 0x000000010165fa30 in (Microsoft Excel +
0x000000000071ba30) 0x0000000000000000
# 3 0x00000001037ae0f4 in (Microsoft Excel +
0x000000000286a0f4) 0x000000016eea4940
# 4 0x000000010175bdbc in (Microsoft Excel +
0x0000000000817dbc) 0x000000016eea4980
# 5 0x00000001037c4bd4 in (Microsoft Excel +
0x0000000002880bd4) 0x000000016eea49a0
# 6 0x00000001037c6ffc in (Microsoft Excel +
0x0000000002882ffc) 0x000000016eea49c0
# 7 0x0000000109fe2cf0 in (mso30 + 0x000000000004ecf0)
0x000000016eea4a40
# 8 0x0000000106fb48c0 in (mso20 + 0x00000000000548c0)
```

0x000000016eea4aa0
9 0x0000000106fb3f20 in (mso20 + 0x00000000000053f20)
0x000000016eea4b20
10 0x0000000106fafc4c in (mso20 + 0x0000000000004fc4c)
0x000000016eea4b40
11 0x0000000106fad554 in (mso20 + 0x0000000000004d554)
0x000000016eea4ba0
12 0x0000000109fde598 in (mso30 + 0x0000000000004a598)
0x000000016eea4c40
13 0x00000001037c79d8 in (Microsoft Excel +
0x00000000028839d8) 0x000000016eea4cb0
14 0x00000001017601f4 in (Microsoft Excel +
0x000000000081c1f4) 0x000000016eea4d00
15 0x000000010165f864 in (Microsoft Excel +
0x000000000071b864) 0x000000016eea4d20
16 0x0000000101644dc0 in (Microsoft Excel +
0x0000000000700dc0) 0x000000016eea4d70
17 0x000000010164372c in (Microsoft Excel +
0x00000000006ff72c) 0x000000016eea4e00
18 0x00000001037ceff0 in (Microsoft Excel +
0x000000000288aff0) 0x000000016eea4e50
19 0x00000001016423f0 in (Microsoft Excel +
0x00000000006fe3f0) 0x000000016eea4f50
20 0x000000010164043c in (Microsoft Excel +
0x00000000006fc43c) 0x000000016eea5ea0
21 0x0000000102af36c0 in (Microsoft Excel +
0x0000000001baf6c0) 0x000000016eea7730
22 0x0000000102acb6ac in (Microsoft Excel +
0x0000000001b876ac) 0x000000016eea8210
23 0x0000000102ad73cc in (Microsoft Excel +
0x0000000001b933cc) 0x000000016eeb4010
24 0x0000000102addf94 in (Microsoft Excel +
0x0000000001b99f94) 0x000000016eeb4170
25 0x0000000102ad8308 in (Microsoft Excel +
0x0000000001b94308) 0x000000016eeb68a0
26 0x0000000102ad7e4c in (Microsoft Excel +
0x0000000001b93e4c) 0x000000016eeb6a90
27 0x0000000102ad8ba0 in (Microsoft Excel +
0x0000000001b94ba0) 0x000000016eeb7c40
28 0x0000000102ad94a4 in (Microsoft Excel +
0x0000000001b954a4) 0x000000016eeb7e50
29 0x0000000100fcbfb4 in (Microsoft Excel +
0x000000000087fb4) 0x000000016eeb7eb0
30 0x0000000100fc2f44 in (Microsoft Excel +

```
0x00000000000007ef44) 0x0000000016eeb8470
# 31 0x00000000102178f4c in (Microsoft Excel +
0x00000000001234f4c) 0x0000000016eeb8830
# 32 0x0000000018fa592fc in -[NSDocument
_initWithContentsOfURL:ofType:error:] + 0x00000007C
(AppKit + 0x0000000000029f2fc) 0x0000000016eeb9de0
# 33 0x0000000018fa59214 in -[NSDocument
initWithContentsOfURL:ofType:error:] + 0x00000009C (AppKit
+ 0x0000000000029f214) 0x0000000016eeb9e10
# 34 0x0000000018faac988 in -[NSDocumentController
makeDocumentWithContentsOfURL:ofType:error:] + 0x00000014C
(AppKit + 0x000000000002f2988) 0x0000000016eeb9e40
# 35 0x000000001020ccab8 in (Microsoft Excel +
0x00000000001188ab8) 0x0000000016eeb9ea0
# 36 0x0000000018fc88a58 in ___97-[NSDocumentController
makeDocumentWithContentsOfURL:alternateContents:ofType:co
mpletionHandler:]_block_invoke + 0x000000048 (AppKit +
0x000000000004cea58) 0x0000000016eeb9ef0
# 37 0x0000000018fc889f8 in -[NSDocumentController
makeDocumentWithContentsOfURL:alternateContents:ofType:co
mpletionHandler:] + 0x0000000A0 (AppKit +
0x000000000004ce9f8) 0x0000000016eeb9fa0
# 38 0x0000000018faabe8c in ___80-[NSDocumentController
openDocumentWithContentsOfURL:display:completionHandler:]
_block_invoke + 0x0000002BC (AppKit + 0x000000000002f1e8c)
0x0000000016eeba020
# 39 0x0000000018fc87c50 in ___144-[NSDocumentController
_coordinateReadingAndGetAlternateContentsForOpeningDocume
ntAtURL:resolvingSymlinks:thenContinueOnMainThreadWithAcc
essor:]_block_invoke_4 + 0x000000020 (AppKit +
0x000000000004cdc50) 0x0000000016eeba180
# 40 0x0000000018fc87ef8 in ___144-[NSDocumentController
_coordinateReadingAndGetAlternateContentsForOpeningDocume
ntAtURL:resolvingSymlinks:thenContinueOnMainThreadWithAcc
essor:]_block_invoke.367 + 0x0000000A4 (AppKit +
0x000000000004cdef8) 0x0000000016eebala0
# 41 0x0000000018fc87df0 in ___144-[NSDocumentController
_coordinateReadingAndGetAlternateContentsForOpeningDocume
ntAtURL:resolvingSymlinks:thenContinueOnMainThreadWithAcc
essor:]_block_invoke.363 + 0x000000128 (AppKit +
0x000000000004cddf0) 0x0000000016eeba280
# 42 0x0000000018fc90df8 in
____NSMainRunLoopPerformBlockInModes_block_invoke +
0x000000028 (AppKit + 0x000000000004d6df8)
```

```

0x000000016eeba350
# 43  0x000000018c5d21d0 in
      ____CFRUNLOOP_IS_CALLING_OUT_TO_A_BLOCK__ + 0x00000018
(CoreFoundation + 0x000000000007f1d0) 0x000000016eeba370
# 44  0x000000018c5d20e4 in ____CFRunLoopDoBlocks +
0x00000168 (CoreFoundation + 0x000000000007f0e4)
0x000000016eeba380
# 45  0x000000018c5d1588 in ____CFRunLoopRun + 0x0000097C
(CoreFoundation + 0x000000000007e588) 0x000000016eeba400
# 46  0x000000018c5d04b4 in _CFRunLoopRunSpecific +
0x00000260 (CoreFoundation + 0x000000000007d4b4)
0x000000016eebb160
# 47  0x0000000195ee9c3c in _RunCurrentEventLoopInMode +
0x00000120 (HIToolbox + 0x0000000000030c3c)
0x000000016eebb210
# 48  0x0000000195ee9a78 in _ReceiveNextEventCommon +
0x00000284 (HIToolbox + 0x0000000000030a78)
0x000000016eebb260
# 49  0x0000000195ee97d0 in
      __BlockUntilNextEventMatchingListInModeWithFilter +
0x00000048 (HIToolbox + 0x00000000000307d0)
0x000000016eebb2e0
# 50  0x000000018f7f2b88 in ____DPSNextEvent + 0x00000278
(AppKit + 0x0000000000038b88) 0x000000016eebb2f0
# 51  0x000000018f7f1d24 in -[NSApplication(NSEvent)
      _nextEventMatchingEventMask:untilDate:inMode:dequeue:] +
0x000002C8 (AppKit + 0x0000000000037d24)
0x000000016eebb6b0
# 52  0x000000018f7e6188 in -[NSApplication run] +
0x000001CC (AppKit + 0x000000000002c188)
0x000000016eebb790
# 53  0x000000018f7bd5d8 in _NSApplicationMain +
0x0000036C (AppKit + 0x0000000000035d8)
0x000000016eebb800
# 54  0x000000018c19bf24 in (UnknownModule +
0x0000000000000000) 0x000000016eebb860

```

ARM Thread State(64bit):

```

x0: 0x0000000000000000    x1: 0x0000000000000001    x2:
0x0000000000000000    x3: 0x00006000007a47c0
x4: 0x00006000007a4800    x5: 0x00000000000001fa0    x6:
0x0000600002b35fa0    x7: 0x00006000007a4a00
x8: 0x0000000000000018    x9: 0x0000000000000000    x10:
0x0000000000000018    x11: 0x00000000000007fb

```

x12: 0x0000000094c36814 x13: 0x000000000000007fd x14:
0x0000000094e37010 x15: 0x0000000094c36814
x16: 0x00000000000000010 x17: 0x0000000014e00000 x18:
0x0000000000000000 x19: 0x00000001300f8010
x20: 0x00000000000000004 x21: 0x00000000000000011 x22:
0x00000000000000020 x23: 0x00000001301010c4
x24: 0x00000000000000000 x25: 0x0000000000000010d x26:
0x000000010d9fb6c8 x27: 0x000000010d9fb6c8
x28: 0x0000000025cb111 fp: 0x000000016eea4880 lr:
0x0000000101660dac sp: 0x000000016eea4770
pc: 0x0000000101660dac cpsr: 0x0000000080001000

Thread 1 (0x127b01):

1 0x000000018c4b3ea8 in _semaphore_timedwait_trap +
0x00000008 (libsystem_kernel.dylib + 0x00000000000000ea8)
0x0000000000000000
2 0x000000018c345018 in
__dispatch_semaphore_wait_slow + 0x0000004C
(libdispatch.dylib + 0x000000000000005018)
0x0000000000000000
3 0x00000001900192d4 in ____22-[NSCGSLocalFence
set]_block_invoke_2 + 0x00000098 (UIKit +
0x00000000000085f2d4) 0x000000016ef42650
4 0x0000000193abcc70 in
CA::Transaction::run_commit_handlers(CATransactionPhase)
+ 0x00000074 (QuartzCore + 0x000000000000003c70)
0x000000016ef42690
5 0x0000000193c4ccc8 in
CA::Context::commit_transaction(CA::Transaction*, double,
double*) + 0x00000298 (QuartzCore + 0x000000000000193cc8)
0x000000016ef426c0
6 0x0000000193abbb74 in CA::Transaction::commit() +
0x00000284 (QuartzCore + 0x000000000000002b74)
0x000000016ef42d60
7 0x000000018f836448 in
_NSPerformVisuallyAtomicChange + 0x00000074 (UIKit +
0x00000000000007c448) 0x000000016ef42e40
8 0x000000018fb68fe0 in ____30-[NSAnimation
_runInNewThread]_block_invoke + 0x00000070 (UIKit +
0x0000000000003aefe0) 0x000000016ef42e70
9 0x000000018c342870 in
__dispatch_call_block_and_release + 0x0000001C

```
(libdispatch.dylib + 0x00000000000002870)
0x000000016ef42ec0
# 10 0x000000018c3443fc in __dispatch_client_callout +
0x00000010 (libdispatch.dylib + 0x000000000000043fc)
0x000000016ef42ee0
# 11 0x000000018c355fb4 in __dispatch_root_queue_drain +
0x000002A8 (libdispatch.dylib + 0x00000000000015fb4)
0x000000016ef42f00
# 12 0x000000018c3566bc in __dispatch_worker_thread2 +
0x000000A0 (libdispatch.dylib + 0x000000000000166bc)
0x000000016ef42f90
# 13 0x000000018c4f0034 in __pthread_wqthread +
0x000000E0 (libsystem_pthread.dylib + 0x00000000000003034)
0x000000016ef42fb0
```

ARM Thread State(64bit):

```
  x0: 0x0000000000000031   x1: 0x1dcd63dc00000000   x2:
0x000000001dcd63dc   x3: 0x00000000fffffc088
  x4: 0x0000000000000000   x5: 0x00000000000001620   x6:
0x000060000244bae0   x7: 0x00000000000000000
  x8: 0x000000001dcd63dc   x9: 0xaaaaaaaaaaaaaaaaab  x10:
0xc000000000000002  x11: 0x000000000007a1200
  x12: 0x0000000000000006  x13: 0x000060000072dc40  x14:
0x01000001e7ba4731  x15: 0x00000001e7ba4730
  x16: 0xffffffffffffffffda  x17: 0x00000001e98ef6d8  x18:
0x0000000000000000  x19: 0x000002150813707b
  x20: 0x000060000093e200  x21: 0x000000003b9aca00  x22:
0x0000000128c06b10  x23: 0x00000000000000000
  x24: 0x0000000000000002  x25: 0x000000014ef1f5e0  x26:
0x000000010d9ea000  x27: 0x00000000000000001
  x28: 0x000000010d9ea078   fp: 0x000000016ef42620   lr:
0x000000018c344a18   sp: 0x000000016ef42600
  pc: 0x000000018c4b3ea8  cpsr: 0x0000000080001000
```

Thread 2 (0x127b04):

```
# 1 0x000000018c4b7710 in ____psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x00000000000004710)
0x0000000000000000
# 2 0x00000001013ff650 in (Microsoft Excel +
0x000000000004bb650) 0x0000000000000000
# 3 0x00000001013ff4dc in (Microsoft Excel +
0x000000000004bb4dc) 0x000000016efcdf70
```

```
# 4 0x00000000101408674 in (Microsoft Excel +
0x000000000004c4674) 0x0000000016efcdfc0
# 5 0x000000001013eeac8 in (Microsoft Excel +
0x000000000004aaac8) 0x0000000016efce000
# 6 0x000000001013ee2d0 in (Microsoft Excel +
0x000000000004aa2d0) 0x0000000016efce020
# 7 0x0000000010141da14 in (Microsoft Excel +
0x000000000004d9a14) 0x0000000016efce350
# 8 0x000000001013eda10 in (Microsoft Excel +
0x000000000004a9a10) 0x0000000016efce420
# 9 0x000000001013ec744 in (Microsoft Excel +
0x000000000004a8744) 0x0000000016efce480
# 10 0x00000000101422e34 in (Microsoft Excel +
0x000000000004dee34) 0x0000000016efce630
# 11 0x00000000101372624 in (Microsoft Excel +
0x0000000000042e624) 0x0000000016efce870
# 12 0x0000000010138aa18 in (Microsoft Excel +
0x00000000000446a18) 0x0000000016efcec00
# 13 0x00000000106f6d610 in (mso20 + 0x0000000000000d610)
0x0000000016efcec40
# 14 0x0000000010725f7a0 in (mso20 + 0x000000000002ff7a0)
0x0000000016efceca0
# 15 0x00000000106f6d610 in (mso20 + 0x0000000000000d610)
0x0000000016efcece0
# 16 0x00000000107004608 in (mso20 + 0x000000000000a4608)
0x0000000016efced40
# 17 0x00000000106f6d610 in (mso20 + 0x0000000000000d610)
0x0000000016efcedb0
# 18 0x00000000106f6d514 in (mso20 + 0x0000000000000d514)
0x0000000016efcee10
# 19 0x0000000010b7a90d8 in (WLMKernel +
0x00000000000050d8) 0x0000000016efcee30
# 20 0x0000000018c342870 in
__dispatch_call_block_and_release + 0x0000001C
(libdispatch.dylib + 0x0000000000002870)
0x0000000016efcee60
# 21 0x0000000018c3443fc in __dispatch_client_callout +
0x00000010 (libdispatch.dylib + 0x00000000000043fc)
0x0000000016efcee80
# 22 0x0000000018c3474dc in
__dispatch_queue_override_invoke + 0x000000310
(libdispatch.dylib + 0x00000000000074dc)
0x0000000016efceea0
# 23 0x0000000018c355e94 in __dispatch_root_queue_drain +
```

```
0x00000188 (libdispatch.dylib + 0x00000000000015e94)
0x000000016efcef00
# 24 0x000000018c3566bc in __dispatch_worker_thread2 +
0x000000A0 (libdispatch.dylib + 0x000000000000166bc)
0x000000016efcef90
# 25 0x000000018c4f0034 in __pthread_wqthread +
0x000000E0 (libsystem_pthread.dylib + 0x0000000000003034)
0x000000016efcefb0
```

ARM Thread State(64bit):

```
  x0: 0x000000010d6933b0   x1: 0x0000000100000100   x2:
0x0000000000000000   x3: 0x0000000000000000
  x4: 0x0000000000000000   x5: 0x00000000000000a0   x6:
0x0000000000000000   x7: 0x0000000000000000
  x8: 0x000000016efcde88   x9: 0x0000000000000000   x10:
0x000000010d693388   x11: 0x0000000000000002
  x12: 0x0000000000000000   x13: 0x0000000000000000   x14:
0x0000000000000000   x15: 0x0000000000000000
  x16: 0x0000000000000131   x17: 0x00000001ec6a8cd0   x18:
0x0000000000000000   x19: 0x000000010d693370
  x20: 0x000000010d6933b0   x21: 0x000000016efcf0e0   x22:
0x0000000000000000   x23: 0x0000000000000000
  x24: 0x0000000000000000   x25: 0x0000000000000001   x26:
0x0000000000000100   x27: 0x00000001e807c104
  x28: 0x0000000000000000   fp: 0x000000016efcdf00   lr:
0x000000018c4f4574   sp: 0x000000016efcde70
  pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 3 (0x127b07):

```
# 1 0x000000018c4b5bc8 in ___workq_kernreturn +
0x00000008 (libsystem_kernel.dylib + 0x0000000000002bc8)
0x0000000000000000
# 2 0x000000018c4eed94 in _start_wqthread + 0x00000008
(libsystem_pthread.dylib + 0x0000000000001d94)
0x0000000000000000
```

ARM Thread State(64bit):

```
  x0: 0x0000000000000040   x1: 0x000000016f05ab80   x2:
0x0000000000000000   x3: 0x0000000000000000
  x4: 0x000000000000001e   x5: 0x0000600000722d80   x6:
0x0000000000000003   x7: 0x0000021507f39a7a
  x8: 0x0000000000000000   x9: 0x0040021000004f00   x10:
```

0xffbffe0000000000 x11:0x0000001000000000
x12: 0x00000001e7b85bb8 x13: 0x00000000000077dc x14:
0x000000000000001c x15:0x00000000ffffffff8
x16: 0x0000000000000170 x17: 0x00000001ec6a8de8 x18:
0x0000000000000000 x19:0x000000016f05b000
x20: 0x0000000000000001 x21: 0x000000016f05b0a0 x22:
0x000000016f05b098 x23:0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x0000000000000000 x27:0x0000000000000000
x28: 0x0000000000000000 fp: 0x000000016f05ab60 lr:
0x000000018c4f00c0 sp:0x000000016f05ab40
pc: 0x000000018c4b5bc8 cpsr: 0x0000000040001000

Thread 4 (0x127b16):

1 0x000000018c4b3f14 in _mach_msg2_trap + 0x00000008
(libsystem_kernel.dylib + 0x000000000000f14)
0x0000000000000000
2 0x000000018c4dd4f0 in _task_suspend + 0x00000070
(libsystem_kernel.dylib + 0x0000000000002a4f0)
0x0000000000000000
3 0x0000000104ea3c80 in (merp + 0x00000000000007c80)
0x000000016f0e6bf0
4 0x0000000104ea36bc in (merp + 0x000000000000076bc)
0x000000016f0e6ee0
5 0x0000000104ea4650 in (merp + 0x00000000000008650)
0x000000016f0e6f00
6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x000000016f0e6fc0

ARM Thread State(64bit):

x0: 0x0000000000000000 x1: 0x0000000200000003 x2:
0x0000001800001513 x3:0x0003520300000203
x4: 0x000000d4f0000000 x5: 0x0003520300000000 x6:
0x000000000000002c x7:0x0000000000000000
x8: 0xffffffffffffffffbbf x9: 0x0000000000000000 x10:
0x0000000000000190 x11:0x0000000400000000
x12: 0x00000000000002fe x13: 0x0000000000000000 x14:
0x0000000000000028 x15:0x0000007900000000
x16: 0xffffffffffffffffd1 x17: 0x00000001ec6a88c8 x18:
0x0000000000000000 x19:0x0000000000000000
x20: 0x000000000000002c x21: 0x0003520300000000 x22:

0x00000d4f00000000 x23:0x0003520300000203
x24: 0x000000016f0e6bb0 x25: 0x00000001800001513 x26:
0x00000000200000003 x27:0x00000000200000003
x28: 0x0000000104ebc020 fp: 0x000000016f0e6ba0 lr:
0x000000018c4c6240 sp:0x000000016f0e6b50
pc: 0x000000018c4b3f14 cpsr: 0x0000000020001000

Thread 5 (0x127b1e):

1 0x000000018c4b3f14 in _mach_msg2_trap + 0x00000008
(libsystem_kernel.dylib + 0x0000000000000f14)
0x0000000000000000
2 0x000000018c4bcb78 in _mach_msg_overwrite +
0x0000025C (libsystem_kernel.dylib + 0x00000000000009b78)
0x0000000000000000
3 0x000000018c4b428c in _mach_msg + 0x00000014
(libsystem_kernel.dylib + 0x0000000000000128c)
0x000000016f172da0
4 0x000000010bc3d8e0 in (rpcrt4 +
0x000000000000058e0) 0x000000016f172dc0
5 0x000000010bc3d840 in (rpcrt4 +
0x00000000000005840) 0x000000016f172fb0
6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x000000016f172fc0

ARM Thread State(64bit):

x0: 0x000000016f172e28 x1: 0x0000000400000006 x2:
0x0000000000000000 x3:0x0000000000000000
x4: 0x0000000000000000 x5: 0x0000a40300000000 x6:
0x00000000000000118 x7:0x0000000000000000
x8: 0xffffffffffffffbbbf x9: 0x000000000000a403 x10:
0x0000000000000000 x11:0x0000000400000000
x12: 0x0000000000000000 x13: 0x000000000000a403 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0xffffffffffffffd1 x17: 0x00000001ec6a8da8 x18:
0x0000000000000000 x19:0x0000000000000000
x20: 0x00000000000000118 x21: 0x0000a40300000000 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x000000016f172e28 x25: 0x0000000000000000 x26:
0x0000000400000006 x27:0x0000000400000006
x28: 0x0000000000000006 fp: 0x000000016f172c80 lr:
0x000000018c4c6240 sp:0x000000016f172c30

pc: 0x000000018c4b3f14 cpsr: 0x0000000020001000

Thread 6 (0x127b1f):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x000000010b7b7548 in (WLMKernel +
0x0000000000013548) 0x0000000000000000
# 3 0x000000010b7b6e64 in (WLMKernel +
0x0000000000012e64) 0x000000016f1fed60
# 4 0x000000010b7b6a64 in (WLMKernel +
0x0000000000012a64) 0x000000016f1fedf0
# 5 0x000000010b7b95bc in (WLMKernel +
0x00000000000155bc) 0x000000016f1fee50
# 6 0x0000000104876200 in (COMBase +
0x0000000000012200) 0x000000016f1feea0
# 7 0x0000000104876120 in (COMBase +
0x0000000000012120) 0x000000016f1fef00
# 8 0x0000000104875a18 in (COMBase +
0x0000000000011a18) 0x000000016f1fef40
# 9 0x000000010b7b93bc in (WLMKernel +
0x00000000000153bc) 0x000000016f1fef60
# 10 0x0000000104df64fc in (mbukernel +
0x00000000000064fc) 0x000000016f1fefaf0
# 11 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x000000016f1fefcf0
```

ARM Thread State(64bit):

```
x0: 0x0000600000760888 x1: 0x0000000100000100 x2:
0x0000000000000000 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x000000000000003c x7: 0x0000000000000000
x8: 0x0000000000000001 x9: 0x0000000000000000 x10:
0x00006000007608d0 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x0000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x00006000007608b8
x20: 0x0000600000760888 x21: 0x0000000000000001 x22:
0x0000000000000000 x23: 0x000000000000003c
x24: 0x0000000000000000 x25: 0x0000000000000001 x26:
```

0x00000000000000100 x27:0x00000215058381b2
x28: 0x0000000000000000 fp: 0x000000016f1fed20 lr:
0x000000018c4f45a0 sp:0x000000016f1fec90
pc: 0x000000018c4b7710 cpsr: 0x0000000080001000

Thread 7 (0x127b20):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x000000018c41cef0 in
std::__1::condition_variable::wait(std::__1::unique_lock<
std::__1::mutex>&) + 0x0000001C (libc++.1.dylib +
0x0000000000012ef0) 0x0000000000000000
3 0x0000000100f72fdc in (Microsoft Excel +
0x000000000002efdc) 0x000000016f28aec0
4 0x0000000100f72e64 in (Microsoft Excel +
0x000000000002ee64) 0x000000016f28aef0
5 0x0000000100f72da8 in (Microsoft Excel +
0x000000000002eda8) 0x000000016f28af50
6 0x000000010b7b93bc in (WLMKernel +
0x00000000000153bc) 0x000000016f28af60
7 0x0000000104df64fc in (mbukernel +
0x00000000000064fc) 0x000000016f28afa0
8 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x000000016f28afc0

ARM Thread State(64bit):

x0: 0x0000600001b44710 x1: 0x0000010100000200 x2:
0x00000000000000100 x3:0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7:0x0000000000000000
x8: 0x000000016f28ae38 x9: 0x0000000000000000 x10:
0x0000600001b446e8 x11:0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19:0x0000600001b446d0
x20: 0x0000600001b44710 x21: 0x000000016f28b0e0 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x00000000000000100 x25: 0x00000000000000101 x26:
0x00000000000000200 x27:0x0000000000000000

x28: 0x0000000000000000 fp: 0x000000016f28aeb0 lr:
0x000000018c4f4574 sp:0x000000016f28ae20
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 8 (0x127b21):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x000000018c41cef0 in
std::__1::condition_variable::wait(std::__1::unique_lock<
std::__1::mutex>&) + 0x0000001C (libc++.1.dylib +
0x0000000000012ef0) 0x0000000000000000
3 0x0000000100f72fdc in (Microsoft Excel +
0x000000000002efdc) 0x000000016f316ec0
4 0x0000000100f72e64 in (Microsoft Excel +
0x000000000002ee64) 0x000000016f316ef0
5 0x0000000100f72da8 in (Microsoft Excel +
0x000000000002eda8) 0x000000016f316f50
6 0x000000010b7b93bc in (WLMKernel +
0x00000000000153bc) 0x000000016f316f60
7 0x0000000104df64fc in (mbukernel +
0x00000000000064fc) 0x000000016f316fa0
8 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x000000016f316fc0

ARM Thread State(64bit):

x0: 0x0000600001b444d0 x1: 0x0000010100000200 x2:
0x00000000000000100 x3:0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7:0x0000000000000000
x8: 0x000000016f316e38 x9: 0x0000000000000000 x10:
0x0000600001b444a8 x11:0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19:0x0000600001b44490
x20: 0x0000600001b444d0 x21: 0x000000016f3170e0 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x00000000000000100 x25: 0x00000000000000101 x26:
0x00000000000000200 x27:0x0000000000000000
x28: 0x0000000000000000 fp: 0x000000016f316eb0 lr:

0x000000018c4f4574 sp:0x000000016f316e20
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 9 (0x127b22):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x000000018c41cef0 in
std::__1::condition_variable::wait(std::__1::unique_lock<
std::__1::mutex>&) + 0x0000001C (libc++.1.dylib +
0x0000000000012ef0) 0x0000000000000000
# 3 0x0000000100f72fdc in (Microsoft Excel +
0x0000000000002efdc) 0x000000016f3a2ec0
# 4 0x0000000100f72e64 in (Microsoft Excel +
0x0000000000002ee64) 0x000000016f3a2ef0
# 5 0x0000000100f72da8 in (Microsoft Excel +
0x0000000000002eda8) 0x000000016f3a2f50
# 6 0x000000010b7b93bc in (WLMKernel +
0x00000000000153bc) 0x000000016f3a2f60
# 7 0x0000000104df64fc in (mbukernel +
0x00000000000064fc) 0x000000016f3a2fa0
# 8 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x000000016f3a2fc0
```

ARM Thread State(64bit):

```
x0: 0x0000600001b44560 x1: 0x0000010100000200 x2:
0x0000000000000100 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x000000016f3a2e38 x9: 0x0000000000000000 x10:
0x0000600001b44538 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x0000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x0000600001b44520
x20: 0x0000600001b44560 x21: 0x000000016f3a30e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000100 x25: 0x0000000000000101 x26:
0x0000000000000200 x27: 0x0000000000000000
x28: 0x0000000000000000 fp: 0x000000016f3a2eb0 lr:
0x000000018c4f4574 sp: 0x000000016f3a2e20
```

pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 10 (0x127b23):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x00000000000004710)
0x0000000000000000
# 2 0x000000018c41cef0 in
std::__1::condition_variable::wait(std::__1::unique_lock<
std::__1::mutex>&) + 0x0000001C (libc++.1.dylib +
0x0000000000012ef0) 0x0000000000000000
# 3 0x0000000100f72fdc in (Microsoft Excel +
0x000000000002efdc) 0x000000016f42eec0
# 4 0x0000000100f72e64 in (Microsoft Excel +
0x000000000002ee64) 0x000000016f42eef0
# 5 0x0000000100f72da8 in (Microsoft Excel +
0x000000000002eda8) 0x000000016f42ef50
# 6 0x000000010b7b93bc in (WLMKernel +
0x00000000000153bc) 0x000000016f42ef60
# 7 0x0000000104df64fc in (mbukernel +
0x00000000000064fc) 0x000000016f42efa0
# 8 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x000000016f42efc0
```

ARM Thread State(64bit):

```
x0: 0x0000600001b445f0 x1: 0x0000010100000200 x2:
0x0000000000000100 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x000000016f42ee38 x9: 0x0000000000000000 x10:
0x0000600001b445c8 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x0000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x0000600001b445b0
x20: 0x0000600001b445f0 x21: 0x000000016f42f0e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000100 x25: 0x0000000000000101 x26:
0x0000000000000200 x27: 0x0000000000000000
x28: 0x0000000000000000 fp: 0x000000016f42eeb0 lr:
0x000000018c4f4574 sp: 0x000000016f42ee20
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 11 (0x127b24):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x00000000000004710)
0x0000000000000000
# 2 0x000000018c41cef0 in
std::__1::condition_variable::wait(std::__1::unique_lock<
std::__1::mutex>&) + 0x0000001C (libc++.1.dylib +
0x0000000000012ef0) 0x0000000000000000
# 3 0x0000000100f72fdc in (Microsoft Excel +
0x000000000002efdc) 0x000000016f4baec0
# 4 0x0000000100f72e64 in (Microsoft Excel +
0x000000000002ee64) 0x000000016f4baef0
# 5 0x0000000100f72da8 in (Microsoft Excel +
0x000000000002eda8) 0x000000016f4baf50
# 6 0x000000010b7b93bc in (WLMKernel +
0x00000000000153bc) 0x000000016f4baf60
# 7 0x0000000104df64fc in (mbukernel +
0x00000000000064fc) 0x000000016f4bafa0
# 8 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x000000016f4bafc0
```

ARM Thread State(64bit):

```
x0: 0x0000600001b44680 x1: 0x0000010100000200 x2:
0x0000000000000100 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x000000016f4bae38 x9: 0x0000000000000000 x10:
0x0000600001b44658 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x0000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x0000600001b44640
x20: 0x0000600001b44680 x21: 0x000000016f4bb0e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000100 x25: 0x0000000000000101 x26:
0x0000000000000200 x27: 0x0000000000000000
x28: 0x0000000000000000 fp: 0x000000016f4baeb0 lr:
0x000000018c4f4574 sp: 0x000000016f4bae20
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 12 (0x127b25):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x000000018c41cef0 in
std::__1::condition_variable::wait(std::__1::unique_lock<
std::__1::mutex>&) + 0x0000001C (libc++.1.dylib +
0x0000000000012ef0) 0x0000000000000000
# 3 0x0000000100f72fdc in (Microsoft Excel +
0x000000000002efdc) 0x000000016f546ec0
# 4 0x0000000100f72e64 in (Microsoft Excel +
0x000000000002ee64) 0x000000016f546ef0
# 5 0x0000000100f72da8 in (Microsoft Excel +
0x000000000002eda8) 0x000000016f546f50
# 6 0x000000010b7b93bc in (WLMKernel +
0x00000000000153bc) 0x000000016f546f60
# 7 0x0000000104df64fc in (mbukernel +
0x00000000000064fc) 0x000000016f546fa0
# 8 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x000000016f546fc0
```

ARM Thread State(64bit):

```
x0: 0x0000600001b448c0 x1: 0x0000010100000200 x2:
0x0000000000000100 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x000000016f546e38 x9: 0x0000000000000000 x10:
0x0000600001b44898 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x0000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x0000600001b44880
x20: 0x0000600001b448c0 x21: 0x000000016f5470e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000100 x25: 0x0000000000000101 x26:
0x0000000000000200 x27: 0x0000000000000000
x28: 0x0000000000000000 fp: 0x000000016f546eb0 lr:
0x000000018c4f4574 sp: 0x000000016f546e20
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 13 (0x127b26):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x00000000000004710)
0x0000000000000000
# 2 0x000000018c41cef0 in
std::__1::condition_variable::wait(std::__1::unique_lock<
std::__1::mutex>&) + 0x0000001C (libc++.1.dylib +
0x0000000000012ef0) 0x0000000000000000
# 3 0x0000000100f72fdc in (Microsoft Excel +
0x000000000002efdc) 0x000000016f5d2ec0
# 4 0x0000000100f72e64 in (Microsoft Excel +
0x000000000002ee64) 0x000000016f5d2ef0
# 5 0x0000000100f72da8 in (Microsoft Excel +
0x000000000002eda8) 0x000000016f5d2f50
# 6 0x000000010b7b93bc in (WLMKernel +
0x00000000000153bc) 0x000000016f5d2f60
# 7 0x0000000104df64fc in (mbukernel +
0x00000000000064fc) 0x000000016f5d2fa0
# 8 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x000000016f5d2fc0
```

ARM Thread State(64bit):

```
x0: 0x0000600001b44b00 x1: 0x0000010100000200 x2:
0x00000000000000100 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x000000016f5d2e38 x9: 0x0000000000000000 x10:
0x0000600001b44ad8 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x0000600001b44ac0
x20: 0x0000600001b44b00 x21: 0x000000016f5d30e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x00000000000000100 x25: 0x0000000000000101 x26:
0x00000000000000200 x27: 0x0000000000000000
x28: 0x0000000000000000 fp: 0x000000016f5d2eb0 lr:
0x000000018c4f4574 sp: 0x000000016f5d2e20
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 14 (0x127b27):

```

# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x00000000000004710)
0x0000000000000000
# 2 0x000000018c41cef0 in
std::__1::condition_variable::wait(std::__1::unique_lock<
std::__1::mutex>&) + 0x0000001C (libc++.1.dylib +
0x0000000000012ef0) 0x0000000000000000
# 3 0x0000000100f72fdc in (Microsoft Excel +
0x0000000000002efdc) 0x000000016f65eec0
# 4 0x0000000100f72e64 in (Microsoft Excel +
0x0000000000002ee64) 0x000000016f65eef0
# 5 0x0000000100f72da8 in (Microsoft Excel +
0x0000000000002eda8) 0x000000016f65ef50
# 6 0x000000010b7b93bc in (WLMKernel +
0x00000000000153bc) 0x000000016f65ef60
# 7 0x0000000104df64fc in (mbukernel +
0x00000000000064fc) 0x000000016f65efa0
# 8 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x000000016f65efc0

```

ARM Thread State(64bit):

```

x0: 0x0000600001b44dd0 x1: 0x0000010100000200 x2:
0x0000000000000100 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x000000000000000a x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x000000016f65ee38 x9: 0x0000000000000000 x10:
0x0000600001b44da8 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x0000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x0000600001b44d90
x20: 0x0000600001b44dd0 x21: 0x000000016f65f0e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000100 x25: 0x0000000000000101 x26:
0x0000000000000200 x27: 0x0000000000000000
x28: 0x0000000000000000 fp: 0x000000016f65eeb0 lr:
0x000000018c4f4574 sp: 0x000000016f65ee20
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

```

Thread 15 (0x127b2f):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x00000000000004710)
0x0000000000000000
# 2 0x000000018c41cef0 in
std::__1::condition_variable::wait(std::__1::unique_lock<
std::__1::mutex>&) + 0x0000001C (libc++.1.dylib +
0x0000000000012ef0) 0x0000000000000000
# 3 0x00000001071ab394 in (mso20 + 0x0000000000024b394)
0x000000016f6eae0
# 4 0x00000001071ac450 in (mso20 + 0x0000000000024c450)
0x000000016f6eaf90
# 5 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x000000016f6eafc0
```

ARM Thread State(64bit):

```
x0: 0x000000010d55c370 x1: 0x0000010100000200 x2:
0x0000000000000100 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x000000016f6eae58 x9: 0x0000000000000000 x10:
0x000000010d55c420 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x0000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x000000010d55c408
x20: 0x000000010d55c370 x21: 0x000000016f6eb0e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000100 x25: 0x0000000000000101 x26:
0x0000000000000200 x27: 0x000000012a0ab200
x28: 0x0000000000000000 fp: 0x000000016f6eae0 lr:
0x000000018c4f4574 sp: 0x000000016f6eae40
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 16 (0x127b30):

```
# 1 0x000000018c4eed8c in _start_wqthread + 0x00000000
(libsystem_pthread.dylib + 0x00000000000001d8c)
0x0000000000000000
# 2 0x0000000000000000 in (UnknownModule +
0x0000000000000000) 0x0000000000000000
```

ARM Thread State(64bit):

x0: 0x000000016f777000 x1: 0x00000000000009807 x2:
0x000000016f6f4000 x3: 0x000000016f776b80
x4: 0x000000000004f4002 x5: 0x00000000000000001 x6:
0x00000000000000000 x7: 0x00000000000000000
x8: 0x00000000000000000 x9: 0x00000000000000000 x10:
0x00000000000000000 x11: 0x00000000000000000
x12: 0x00000000000000000 x13: 0x00000000000000000 x14:
0x00000000000000000 x15: 0x00000000000000000
x16: 0x00000000000000000 x17: 0x00000000000000000 x18:
0x00000000000000000 x19: 0x00000000000000000
x20: 0x00000000000000000 x21: 0x00000000000000000 x22:
0x00000000000000000 x23: 0x00000000000000000
x24: 0x00000000000000000 x25: 0x00000000000000000 x26:
0x00000000000000000 x27: 0x00000000000000000
x28: 0x00000000000000000 fp: 0x00000000000000000 lr:
0x00000000000000000 sp: 0x000000016f776b00
pc: 0x000000018c4eed8c cpsr: 0x0000000000000100

Thread 17 (0x127b31):

1 0x000000018c4b5bc8 in __workq_kernreturn +
0x00000008 (libsystem_kernel.dylib + 0x00000000000002bc8)
0x00000000000000000
2 0x000000018c4eed94 in _start_wqthread + 0x00000008
(libsystem_pthread.dylib + 0x00000000000001d94)
0x00000000000000000

ARM Thread State(64bit):

x0: 0x00000000000000100 x1: 0x000000016f802b80 x2:
0x00000000000000001 x3: 0x00000000000000000
x4: 0x00006000002dc680 x5: 0x000000016f8026b4 x6:
0x00000000000000000 x7: 0x00000000000000000
x8: 0x000060000074a101 x9: 0x000000016f802b80 x10:
0x000060000074a138 x11: 0x00000000000000001
x12: 0x00000000000000000 x13: 0x00000000000000007 x14:
0x00000000000000001 x15: 0x00000000000000048
x16: 0x00000000000000170 x17: 0x00000001ec6a8de8 x18:
0x00000000000000000 x19: 0x000000016f803000
x20: 0x00000000000000001 x21: 0x000000016f8030a0 x22:
0x000000016f803098 x23: 0x00000000000000000
x24: 0x00000000000000000 x25: 0x00000000000000000 x26:
0x00000000000000000 x27: 0x00000000000000000
x28: 0x00000000000000000 fp: 0x000000016f802b50 lr:

0x0000000018c4f00c0 sp:0x0000000016f802b30
pc: 0x0000000018c4b5bc8 cpsr: 0x0000000040001000

Thread 18 (0x127b32):

1 0x0000000018c4eed8c in _start_wqthread + 0x00000000
(libsystem_pthread.dylib + 0x00000000000001d8c)
0x0000000000000000
2 0x0000000000000000 in (UnknownModule +
0x0000000000000000) 0x0000000000000000

ARM Thread State(64bit):

x0: 0x0000000016f88f000 x1: 0x00000000000009407 x2:
0x0000000016f80c000 x3:0x0000000016f88eb80
x4: 0x000000000004e4005 x5: 0x00000000000000001 x6:
0x00000000000000000 x7:0x00000000000000000
x8: 0x00000000000000000 x9: 0x00000000000000000 x10:
0x00000000000000000 x11:0x00000000000000000
x12: 0x00000000000000000 x13: 0x00000000000000000 x14:
0x00000000000000000 x15:0x00000000000000000
x16: 0x00000000000000000 x17: 0x00000000000000000 x18:
0x00000000000000000 x19:0x00000000000000000
x20: 0x00000000000000000 x21: 0x00000000000000000 x22:
0x00000000000000000 x23:0x00000000000000000
x24: 0x00000000000000000 x25: 0x00000000000000000 x26:
0x00000000000000000 x27:0x00000000000000000
x28: 0x00000000000000000 fp: 0x00000000000000000 lr:
0x00000000000000000 sp:0x0000000016f88eb70
pc: 0x0000000018c4eed8c cpsr: 0x00000000000001000

Thread 19 (0x127b36):

1 0x0000000018c4eed8c in _start_wqthread + 0x00000000
(libsystem_pthread.dylib + 0x00000000000001d8c)
0x0000000000000000
2 0x0000000000000000 in (UnknownModule +
0x0000000000000000) 0x0000000000000000

ARM Thread State(64bit):

x0: 0x0000000016f91b000 x1: 0x0000000000000b02f x2:
0x0000000016f898000 x3:0x0000000016f91ab80
x4: 0x000000000004f4004 x5: 0x00000000000000001 x6:

```
0x0000000000000000    x7:0x0000000000000000
    x8: 0x0000000000000000    x9: 0x0000000000000000    x10:
0x0000000000000000    x11:0x0000000000000000
    x12: 0x0000000000000000    x13: 0x0000000000000000    x14:
0x0000000000000000    x15:0x0000000000000000
    x16: 0x0000000000000000    x17: 0x0000000000000000    x18:
0x0000000000000000    x19:0x0000000000000000
    x20: 0x0000000000000000    x21: 0x0000000000000000    x22:
0x0000000000000000    x23:0x0000000000000000
    x24: 0x0000000000000000    x25: 0x0000000000000000    x26:
0x0000000000000000    x27:0x0000000000000000
    x28: 0x0000000000000000    fp: 0x0000000000000000    lr:
0x0000000000000000    sp:0x000000016f91a7d0
    pc: 0x000000018c4eed8c cpsr: 0x0000000000000100
```

Thread 20 (0x127b37):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x000000010b7b7570 in (WLMKernel +
0x00000000000013570) 0x0000000000000000
# 3 0x000000010b7b6e64 in (WLMKernel +
0x00000000000012e64) 0x000000016f9a68f0
# 4 0x000000010b7b6a64 in (WLMKernel +
0x00000000000012a64) 0x000000016f9a6980
# 5 0x000000010b7b6974 in (WLMKernel +
0x00000000000012974) 0x000000016f9a69e0
# 6 0x000000010b7be2e8 in (WLMKernel +
0x0000000000001a2e8) 0x000000016f9a6a50
# 7 0x0000000107064aa8 in (mso20 + 0x00000000000104aa8)
0x000000016f9a6a70
# 8 0x0000000110466310 in (mso99 + 0x000000000000f6310)
0x000000016f9a6a80
# 9 0x0000000110464f44 in (mso99 + 0x000000000000f4f44)
0x000000016f9a6ae0
# 10 0x000000011048b1ac in (mso99 + 0x0000000000011b1ac)
0x000000016f9a6ba0
# 11 0x000000011048af94 in (mso99 + 0x0000000000011af94)
0x000000016f9a6c20
# 12 0x000000011048ad6c in (mso99 + 0x0000000000011ad6c)
0x000000016f9a6cb0
# 13 0x0000000106f6d610 in (mso20 + 0x0000000000000d610)
```

```

0x0000000016f9a6ce0
# 14 0x00000000107004608 in (mso20 + 0x000000000000a4608)
0x0000000016f9a6d40
# 15 0x00000000106f6d610 in (mso20 + 0x000000000000d610)
0x0000000016f9a6db0
# 16 0x00000000106f6d514 in (mso20 + 0x000000000000d514)
0x0000000016f9a6e10
# 17 0x0000000010b7a90d8 in (WLMKernel +
0x00000000000050d8) 0x0000000016f9a6e30
# 18 0x0000000018c342870 in
__dispatch_call_block_and_release + 0x0000001C
(libdispatch.dylib + 0x0000000000002870)
0x0000000016f9a6e60
# 19 0x0000000018c3443fc in __dispatch_client_callout +
0x00000010 (libdispatch.dylib + 0x00000000000043fc)
0x0000000016f9a6e80
# 20 0x0000000018c3474dc in
__dispatch_queue_override_invoke + 0x00000310
(libdispatch.dylib + 0x00000000000074dc)
0x0000000016f9a6ea0
# 21 0x0000000018c355e94 in __dispatch_root_queue_drain +
0x00000188 (libdispatch.dylib + 0x00000000000015e94)
0x0000000016f9a6f00
# 22 0x0000000018c3566bc in __dispatch_worker_thread2 +
0x000000A0 (libdispatch.dylib + 0x000000000000166bc)
0x0000000016f9a6f90
# 23 0x0000000018c4f0034 in __pthread_wqthread +
0x000000E0 (libsystem_pthread.dylib + 0x0000000000003034)
0x0000000016f9a6fb0

```

ARM Thread State(64bit):

```

x0: 0x00006000007d1e88 x1: 0x00000000100000100 x2:
0x0000000000000000 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x0000000016f9a6838 x9: 0x0000000000000000 x10:
0x00006000007d1ed0 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x000000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x00006000007d1eb8
x20: 0x00006000007d1e88 x21: 0x0000000016f9a70e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000001 x26:

```

0x00000000000000100 x27:0x0000021506750597
x28: 0x0000000000000000 fp: 0x000000016f9a68b0 lr:
0x000000018c4f4574 sp:0x000000016f9a6820
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 21 (0x127b39):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x000000010b7b7570 in (WLMKernel +
0x0000000000013570) 0x0000000000000000
3 0x000000010b7b6e64 in (WLMKernel +
0x0000000000012e64) 0x000000016fa30be0
4 0x000000010b7b6a64 in (WLMKernel +
0x0000000000012a64) 0x000000016fa30c70
5 0x000000010b7b6974 in (WLMKernel +
0x0000000000012974) 0x000000016fa30cd0
6 0x000000010b7be2e8 in (WLMKernel +
0x000000000001a2e8) 0x000000016fa30d40
7 0x0000000107064aa8 in (mso20 + 0x00000000000104aa8)
0x000000016fa30d60
8 0x000000010a0d3194 in (mso30 + 0x0000000000013f194)
0x000000016fa30d70
9 0x000000010a0d2d34 in (mso30 + 0x0000000000013ed34)
0x000000016fa30dd0
10 0x000000010a0d4ef4 in (mso30 + 0x00000000000140ef4)
0x000000016fa30f40
11 0x000000010a47c6b8 in (mso30 + 0x000000000004e86b8)
0x000000016fa30f80
12 0x000000010a5c2788 in (mso30 + 0x0000000000062e788)
0x000000016fa310b0
13 0x000000010a00708c in (mso30 + 0x0000000000007308c)
0x000000016fa31300
14 0x000000010a006e1c in (mso30 + 0x00000000000072e1c)
0x000000016fa323b0
15 0x000000010a002240 in (mso30 + 0x0000000000006e240)
0x000000016fa323d0
16 0x000000010a001fe4 in (mso30 + 0x0000000000006dfe4)
0x000000016fa32930
17 0x000000010a001df4 in (mso30 + 0x0000000000006ddf4)
0x000000016fa32950
18 0x000000010a5be4bc in (mso30 + 0x0000000000062a4bc)

```

0x0000000016fa32990
# 19 0x0000000010a5be694 in (mso30 + 0x0000000000062a694)
0x0000000016fa32a60
# 20 0x0000000010a001618 in (mso30 + 0x0000000000006d618)
0x0000000016fa32b30
# 21 0x0000000011048ce88 in (mso99 + 0x0000000000011ce88)
0x0000000016fa32b60
# 22 0x0000000011048cb8c in (mso99 + 0x0000000000011cb8c)
0x0000000016fa32c20
# 23 0x00000000111861198 in (mso99 + 0x0000000000014f1198)
0x0000000016fa32cd0
# 24 0x00000000106f9c474 in (mso20 + 0x0000000000003c474)
0x0000000016fa32d70
# 25 0x00000000106f6d610 in (mso20 + 0x0000000000000d610)
0x0000000016fa32db0
# 26 0x00000000106f6d514 in (mso20 + 0x0000000000000d514)
0x0000000016fa32e10
# 27 0x0000000010b7a90d8 in (WLMKernel +
0x00000000000050d8) 0x0000000016fa32e30
# 28 0x0000000018c342870 in
__dispatch_call_block_and_release + 0x0000001C
(libdispatch.dylib + 0x0000000000002870)
0x0000000016fa32e60
# 29 0x0000000018c3443fc in __dispatch_client_callout +
0x00000010 (libdispatch.dylib + 0x00000000000043fc)
0x0000000016fa32e80
# 30 0x0000000018c3474dc in
__dispatch_queue_override_invoke + 0x000000310
(libdispatch.dylib + 0x00000000000074dc)
0x0000000016fa32ea0
# 31 0x0000000018c355e94 in __dispatch_root_queue_drain +
0x00000188 (libdispatch.dylib + 0x00000000000015e94)
0x0000000016fa32f00
# 32 0x0000000018c3566bc in __dispatch_worker_thread2 +
0x000000A0 (libdispatch.dylib + 0x000000000000166bc)
0x0000000016fa32f90
# 33 0x0000000018c4f0034 in __pthread_wqthread +
0x000000E0 (libsystem_pthread.dylib + 0x0000000000003034)
0x0000000016fa32fb0

```

ARM Thread State(64bit):

```

x0: 0x0000600000788688    x1: 0x00000000100000100    x2:
0x0000000000000000    x3: 0x0000000000000000
x4: 0x0000000000000000    x5: 0x000000000000000a0    x6:

```

0x0000000000000000 x7:0x0000000000000000
x8: 0x000000016fa30b28 x9: 0x0000000000000000 x10:
0x00006000007886d0 x11:0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19:0x00006000007886b8
x20: 0x0000600000788688 x21: 0x000000016fa330e0 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000001 x26:
0x00000000000000100 x27:0x0000021506e1c6b9
x28: 0x0000000000000000 fp: 0x000000016fa30ba0 lr:
0x000000018c4f4574 sp:0x000000016fa30b10
pc: 0x000000018c4b7710 cpsr: 0x000000040001000

Thread 22 (0x127b3c):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x000000010b7b7570 in (WLMKernel +
0x0000000000013570) 0x0000000000000000
3 0x000000010b7b6e64 in (WLMKernel +
0x0000000000012e64) 0x000000016fabec00
4 0x000000010b7b6a64 in (WLMKernel +
0x0000000000012a64) 0x000000016fabec90
5 0x000000010b7b6974 in (WLMKernel +
0x0000000000012974) 0x000000016fabecf0
6 0x000000010b7be2e8 in (WLMKernel +
0x000000000001a2e8) 0x000000016fabed60
7 0x0000000106fc1550 in (mso20 + 0x00000000000061550)
0x000000016fabed80
8 0x0000000106f6d610 in (mso20 + 0x000000000000d610)
0x000000016fabedb0
9 0x0000000106f6d514 in (mso20 + 0x000000000000d514)
0x000000016fabee10
10 0x000000010b7a90d8 in (WLMKernel +
0x00000000000050d8) 0x000000016fabee30
11 0x000000018c342870 in
__dispatch_call_block_and_release + 0x0000001C
(libdispatch.dylib + 0x0000000000002870)
0x000000016fabee60
12 0x000000018c3443fc in __dispatch_client_callout +

```
0x00000010 (libdispatch.dylib + 0x000000000000043fc)
0x000000016fabee80
# 13 0x000000018c3474dc in
__dispatch_queue_override_invoke + 0x000000310
(libdispatch.dylib + 0x000000000000074dc)
0x000000016fabeea0
# 14 0x000000018c355e94 in __dispatch_root_queue_drain +
0x000000188 (libdispatch.dylib + 0x00000000000015e94)
0x000000016fabef00
# 15 0x000000018c3566bc in __dispatch_worker_thread2 +
0x0000000A0 (libdispatch.dylib + 0x000000000000166bc)
0x000000016fabef90
# 16 0x000000018c4f0034 in __pthread_wqthread +
0x0000000E0 (libsystem_pthread.dylib + 0x0000000000003034)
0x000000016fabefb0
```

ARM Thread State(64bit):

```
x0: 0x0000600000757588 x1: 0x0000000100000100 x2:
0x0000000000000000 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x000000016fabeb48 x9: 0x0000000000000000 x10:
0x00006000007575d0 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x00006000007575b8
x20: 0x0000600000757588 x21: 0x000000016fabf0e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000001 x26:
0x00000000000000100 x27: 0x000002150605cacd
x28: 0x0000000000000000 fp: 0x000000016fabebc0 lr:
0x000000018c4f4574 sp: 0x000000016fabeb30
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 23 (0x127b3d):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x00000000000004710)
0x0000000000000000
# 2 0x000000010b7b7570 in (WLMKernel +
0x00000000000013570) 0x0000000000000000
# 3 0x000000010b7b6e64 in (WLMKernel +
```


0x0000000000000000 x15:0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19:0x00006000007d6d38
x20: 0x00006000007d6d08 x21: 0x000000016fb4b0e0 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000001 x26:
0x00000000000000100 x27:0x0000021507313381
x28: 0x0000000000000000 fp: 0x000000016fb4abc0 lr:
0x000000018c4f4574 sp:0x000000016fb4ab30
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 24 (0x127b3e):

1 0x000000018c4eed8c in _start_wqthread + 0x00000000
(libsystem_pthread.dylib + 0x00000000000001d8c)
0x0000000000000000
2 0x0000000000000000 in (UnknownModule +
0x0000000000000000) 0x0000000000000000

ARM Thread State(64bit):

x0: 0x000000016fbd7000 x1: 0x00000000000022203 x2:
0x000000016fb54000 x3:0x000000016fbd6b80
x4: 0x000000000004f4004 x5: 0x00000000000000001 x6:
0x0000000000000000 x7:0x0000000000000000
x8: 0x0000000000000000 x9: 0x0000000000000000 x10:
0x0000000000000000 x11:0x0000000000000000
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0x0000000000000000 x17: 0x0000000000000000 x18:
0x0000000000000000 x19:0x0000000000000000
x20: 0x0000000000000000 x21: 0x0000000000000000 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x0000000000000000 x27:0x0000000000000000
x28: 0x0000000000000000 fp: 0x0000000000000000 lr:
0x0000000000000000 sp:0x000000016fbd6b70
pc: 0x000000018c4eed8c cpsr: 0x0000000000001000

Thread 25 (0x127b3f):

1 0x000000018c4eed8c in _start_wqthread + 0x00000000
(libsystem_pthread.dylib + 0x00000000000001d8c)

0x0000000000000000

2 0x0000000000000000 in (UnknownModule +
0x0000000000000000) 0x0000000000000000

ARM Thread State(64bit):

x0: 0x000000016fc63000 x1: 0x00000000000028103 x2:
0x000000016fbe0000 x3: 0x000000016fc62b80
x4: 0x000000000001e4008 x5: 0x00000000000000001 x6:
0x00000000000000000 x7: 0x00000000000000000
x8: 0x00000000000000000 x9: 0x00000000000000000 x10:
0x00000000000000000 x11: 0x00000000000000000
x12: 0x00000000000000000 x13: 0x00000000000000000 x14:
0x00000000000000000 x15: 0x00000000000000000
x16: 0x00000000000000000 x17: 0x00000000000000000 x18:
0x00000000000000000 x19: 0x00000000000000000
x20: 0x00000000000000000 x21: 0x00000000000000000 x22:
0x00000000000000000 x23: 0x00000000000000000
x24: 0x00000000000000000 x25: 0x00000000000000000 x26:
0x00000000000000000 x27: 0x00000000000000000
x28: 0x00000000000000000 fp: 0x00000000000000000 lr:
0x00000000000000000 sp: 0x000000016fc62b10
pc: 0x000000018c4eed8c cpsr: 0x00000000000001000

Thread 26 (0x127b40):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x000000018c41cef0 in
std::__1::condition_variable::wait(std::__1::unique_lock<
std::__1::mutex>&) + 0x0000001C (libc++.1.dylib +
0x00000000000012ef0) 0x0000000000000000
3 0x0000000104e05dd0 in (mbukernel +
0x00000000000015dd0) 0x000000016fcee2d0
4 0x0000000104e02e54 in (mbukernel +
0x00000000000012e54) 0x000000016fcee300
5 0x0000000104e02d00 in (mbukernel +
0x00000000000012d00) 0x000000016fcee390
6 0x000000010b9d2c70 in (MicrosoftWebServices +
0x0000000000001ac70) 0x000000016fcee3b0
7 0x000000010ba10cb4 in (MicrosoftWebServices +
0x00000000000058cb4) 0x000000016fcee3c0
8 0x000000010ba140d8 in (MicrosoftWebServices +

0x00000000000005c0d8) 0x0000000016fcee3e0
9 0x0000000010ba15ed8 in (MicrosoftWebServices +
0x00000000000005ded8) 0x0000000016fcee430
10 0x0000000010ba13ddc in (MicrosoftWebServices +
0x00000000000005bddc) 0x0000000016fcee470
11 0x0000000010ba0c6ac in (MicrosoftWebServices +
0x0000000000000546ac) 0x0000000016fcee4c0
12 0x0000000010ba32fb0 in (MicrosoftWebServices +
0x00000000000007afb0) 0x0000000016fcee510
13 0x0000000010ba322e4 in (MicrosoftWebServices +
0x00000000000007a2e4) 0x0000000016fcee560
14 0x0000000010ba2c9d4 in (MicrosoftWebServices +
0x0000000000000749d4) 0x0000000016fcee5c0
15 0x0000000010a5f95ec in (mso30 + 0x0000000000006655ec)
0x0000000016fcee6b0
16 0x0000000010a5fea5c in (mso30 + 0x00000000000066aa5c)
0x0000000016fcee760
17 0x0000000010a03c134 in (mso30 + 0x000000000000a8134)
0x0000000016fcee9a0
18 0x0000000010a03ae64 in (mso30 + 0x000000000000a6e64)
0x0000000016fceeabd0
19 0x0000000010a03a414 in (mso30 + 0x000000000000a6414)
0x0000000016fceedcd0
20 0x0000000010a03a03c in (mso30 + 0x000000000000a603c)
0x0000000016fceed50
21 0x00000000106f6d610 in (mso20 + 0x000000000000d610)
0x0000000016fceedb0
22 0x00000000106f6d514 in (mso20 + 0x000000000000d514)
0x0000000016fceeel0
23 0x0000000010b7a90d8 in (WLMKernel +
0x000000000000050d8) 0x0000000016fceee30
24 0x0000000018c342870 in
__dispatch_call_block_and_release + 0x0000001C
(libdispatch.dylib + 0x00000000000002870)
0x0000000016fceee60
25 0x0000000018c3443fc in __dispatch_client_callout +
0x00000010 (libdispatch.dylib + 0x000000000000043fc)
0x0000000016fceee80
26 0x0000000018c3474dc in
__dispatch_queue_override_invoke + 0x000000310
(libdispatch.dylib + 0x000000000000074dc)
0x0000000016fceeea0
27 0x0000000018c355e94 in __dispatch_root_queue_drain +
0x000000188 (libdispatch.dylib + 0x000000000000015e94)

```
0x0000000016fcee00
# 28 0x0000000018c3566bc in __dispatch_worker_thread2 +
0x0000000A0 (libdispatch.dylib + 0x000000000000166bc)
0x0000000016fcee90
# 29 0x0000000018c4f0034 in __pthread_wqthread +
0x0000000E0 (libsystem_pthread.dylib + 0x0000000000003034)
0x0000000016fcee0b0
```

ARM Thread State(64bit):

```
  x0: 0x000060000157f0c8   x1: 0x00000000100000100   x2:
0x0000000000000000   x3: 0x0000000000000000
  x4: 0x0000000000000000   x5: 0x000000000000000a0   x6:
0x0000000000000000   x7: 0x0000000000000000
  x8: 0x0000000016fcee248   x9: 0x0000000000000000   x10:
0x000060000157f0a0   x11: 0x00000000000000002
  x12: 0x0000000000000000   x13: 0x0000000000000000   x14:
0x0000000000000000   x15: 0x0000000000000000
  x16: 0x00000000000000131   x17: 0x000000001ec6a8cd0   x18:
0x0000000000000000   x19: 0x000060000157f088
  x20: 0x000060000157f0c8   x21: 0x0000000016fcef0e0   x22:
0x0000000000000000   x23: 0x0000000000000000
  x24: 0x0000000000000000   x25: 0x00000000000000001   x26:
0x000000000000000100   x27: 0x0000000000000000
  x28: 0x0000000010e236000   fp: 0x0000000016fcee2c0   lr:
0x0000000018c4f4574   sp: 0x0000000016fcee230
  pc: 0x0000000018c4b7710   cpsr: 0x0000000040001000
```

Thread 27 (0x127b47):

```
# 1 0x0000000018c4b5bc8 in __workq_kernreturn +
0x000000008 (libsystem_kernel.dylib + 0x00000000000002bc8)
0x0000000000000000
# 2 0x0000000018c4eed94 in _start_wqthread + 0x000000008
(libsystem_pthread.dylib + 0x00000000000001d94)
0x0000000000000000
```

ARM Thread State(64bit):

```
  x0: 0x00000000000000004   x1: 0x0000000000000000   x2:
0x0000000000000000   x3: 0x0000000000000000
  x4: 0x0000600000a3ae00   x5: 0x0000000000000000   x6:
0x000000000000001000   x7: 0x0000000000000000
  x8: 0x0000000000000000   x9: 0xffffffffffffffff   x10:
0x0000000000000000   x11: 0x000000000000007fb
```

x12: 0x0000000008e02148 x13: 0x00000000000007fd x14:
0x00000000090028ef x15: 0x0000000008e02148
x16: 0x0000000000000170 x17: 0x00000001ec6a8de8 x18:
0x0000000000000000 x19: 0x000000016fd7b000
x20: 0x0000000000000000 x21: 0x0000000000000000 x22:
0x0000000000244005 x23: 0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x0000000000000000 x27: 0x0000000000000000
x28: 0x0000000000000000 fp: 0x000000016fd7afe0 lr:
0x000000018c4f00c0 sp: 0x000000016fd7afc0
pc: 0x000000018c4b5bc8 cpsr: 0x0000000080001000

Thread 28 (0x127b49):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x000000010b7b7570 in (WLMKernel +
0x0000000000013570) 0x0000000000000000
3 0x000000010b7b6e64 in (WLMKernel +
0x0000000000012e64) 0x000000016fe92210
4 0x000000010b7b6a64 in (WLMKernel +
0x0000000000012a64) 0x000000016fe922a0
5 0x000000010b7b6974 in (WLMKernel +
0x0000000000012974) 0x000000016fe92300
6 0x000000010b7be2e8 in (WLMKernel +
0x000000000001a2e8) 0x000000016fe92370
7 0x000000010a173280 in (mso30 + 0x00000000001df280)
0x000000016fe92390
8 0x000000010a172570 in (mso30 + 0x00000000001de570)
0x000000016fe923f0
9 0x000000010a172aa0 in (mso30 + 0x00000000001deaa0)
0x000000016fe924b0
10 0x000000010a196158 in (mso30 + 0x0000000000202158)
0x000000016fe925b0
11 0x000000010a199484 in (mso30 + 0x0000000000205484)
0x000000016fe92750
12 0x000000010a1b95f8 in (mso30 + 0x00000000002255f8)
0x000000016fe92870
13 0x000000010a1b9ba0 in (mso30 + 0x0000000000225ba0)
0x000000016fe92970
14 0x000000010a1b8cb4 in (mso30 + 0x0000000000224cb4)
0x000000016fe92a70

```
# 15 0x000000010a1b7860 in (mso30 + 0x0000000000223860)
0x000000016fe92b60
# 16 0x000000010a1805ac in (mso30 + 0x00000000001ec5ac)
0x000000016fe92ca0
# 17 0x000000010a1c7258 in (mso30 + 0x0000000000233258)
0x000000016fe92ea0
# 18 0x000000010a1ca9e0 in (mso30 + 0x00000000002369e0)
0x000000016fe92f30
# 19 0x000000010a0ff7f0 in (mso30 + 0x000000000016b7f0)
0x000000016fe92fa0
# 20 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x000000016fe92fc0
```

ARM Thread State(64bit):

```
x0: 0x00006000007ce508 x1: 0x0000000100000100 x2:
0x0000000000000000 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x000000016fe92158 x9: 0x0000000000000000 x10:
0x00006000007ce550 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x00006000007ce538
x20: 0x00006000007ce508 x21: 0x000000016fe930e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000001 x26:
0x00000000000000100 x27: 0x0000021506f97316
x28: 0x0000000000000000 fp: 0x000000016fe921d0 lr:
0x000000018c4f4574 sp: 0x000000016fe92140
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 29 (0x127b55):

```
# 1 0x000000018c4b3f14 in _mach_msg2_trap + 0x00000008
(libsystem_kernel.dylib + 0x0000000000000f14)
0x0000000000000000
# 2 0x000000018c4bcb78 in _mach_msg_overwrite +
0x0000025C (libsystem_kernel.dylib + 0x00000000000009b78)
0x0000000000000000
# 3 0x000000018c4b428c in _mach_msg + 0x00000014
(libsystem_kernel.dylib + 0x0000000000000128c)
```

```
0x0000000016fe05f10
# 4 0x0000000018c5d27e0 in ____CFRunLoopServiceMachPort +
0x00000009C (CoreFoundation + 0x0000000000007f7e0)
0x0000000016fe05f30
# 5 0x0000000018c5d10c0 in ____CFRunLoopRun + 0x0000004B4
(CoreFoundation + 0x0000000000007e0c0) 0x0000000016fe05fa0
# 6 0x0000000018c5d04b4 in _CFRunLoopRunSpecific +
0x000000260 (CoreFoundation + 0x0000000000007d4b4)
0x0000000016fe06d00
# 7 0x0000000018f91d160 in __NSEventThread + 0x0000000A8
(AppKit + 0x000000000000163160) 0x0000000016fe06db0
# 8 0x0000000018c4f3fa4 in __pthread_start + 0x000000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x0000000016fe06fc0
```

ARM Thread State(64bit):

```
x0: 0x0000000000000000 x1: 0x0000000507000806 x2:
0x0000000020000000 x3: 0x0003bd1300000000
x4: 0x0000000000000000 x5: 0x0003bd1300000000 x6:
0x0000000000000002 x7: 0x00000000ffffffff
x8: 0xffffffffffffffbbf x9: 0x0000000000000000 x10:
0x0000000000003bd13 x11: 0x0000000000000000
x12: 0x000000000016e3600 x13: 0x0000000000003bd13 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0xfffffffffffffffd1 x17: 0x000000001e8b28ca8 x18:
0x0000000000000000 x19: 0x00000000ffffffff
x20: 0x0000000000000002 x21: 0x0003bd1300000000 x22:
0x0000000000000000 x23: 0x0003bd1300000000
x24: 0x0000000016fe05e88 x25: 0x0000000020000000 x26:
0x00000000507000806 x27: 0x00000000507000806
x28: 0x00000000107000806 fp: 0x0000000016fe05df0 lr:
0x0000000018c4c6240 sp: 0x0000000016fe05da0
pc: 0x0000000018c4b3f14 cpsr: 0x0000000020001000
```

Thread 30 (0x127b60):

```
# 1 0x0000000018c4eed8c in _start_wqthread + 0x00000000
(libsystem_pthread.dylib + 0x00000000000001d8c)
0x0000000000000000
# 2 0x0000000000000000 in (UnknownModule +
0x0000000000000000) 0x0000000000000000
```

ARM Thread State(64bit):

x0: 0x000000016ff1f000 x1: 0x000000000003a72f x2:
0x000000016fe9c000 x3:0x000000016ff1eb80
x4: 0x000000000004f4005 x5: 0x0000000000000001 x6:
0x0000000000000000 x7:0x0000000000000000
x8: 0x0000000000000000 x9: 0x0000000000000000 x10:
0x0000000000000000 x11:0x0000000000000000
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0x0000000000000000 x17: 0x0000000000000000 x18:
0x0000000000000000 x19:0x0000000000000000
x20: 0x0000000000000000 x21: 0x0000000000000000 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x0000000000000000 x27:0x0000000000000000
x28: 0x0000000000000000 fp: 0x0000000000000000 lr:
0x0000000000000000 sp:0x000000016ff1e6d0
pc: 0x000000018c4eed8c cpsr: 0x0000000000001000

Thread 31 (0x127b61):

1 0x000000018c4b5bc8 in __workq_kernreturn +
0x00000008 (libsystem_kernel.dylib + 0x00000000000002bc8)
0x0000000000000000
2 0x000000018c4eed94 in _start_wqthread + 0x00000008
(libsystem_pthread.dylib + 0x00000000000001d94)
0x0000000000000000

ARM Thread State(64bit):

x0: 0x00000000000000100 x1: 0x000000016ffaab80 x2:
0x00000000000000001 x3:0x0000000000000000
x4: 0x0000000000000001e x5: 0x00000000000000023 x6:
0x00000000000000011 x7:0x00000215188c0b0f
x8: 0x000060000124dee1 x9: 0x000000016ffaab80 x10:
0x000060000124df18 x11:0x00000000000000001
x12: 0x00000000000000000 x13: 0x00000000000000007 x14:
0x00000000000000001 x15:0x00000000000000048
x16: 0x000000000000000170 x17: 0x00000001ec6a8de8 x18:
0x00000000000000000 x19:0x000000016ffab000
x20: 0x00000000000000001 x21: 0x000000016ffab0a0 x22:
0x000000016ffab098 x23:0x00000000000000000
x24: 0x00000000000000000 x25: 0x00000000000000000 x26:
0x00000000000000000 x27:0x00000000000000000
x28: 0x00000000000000000 fp: 0x000000016ffaab50 lr:

0x0000000018c4f00c0 sp:0x0000000016ffaab30
pc: 0x0000000018c4b5bc8 cpsr: 0x0000000040001000

Thread 32 (0x127b66):

1 0x0000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x0000000010b7b7570 in (WLMKernel +
0x00000000000013570) 0x0000000000000000
3 0x0000000010b7b6e64 in (WLMKernel +
0x00000000000012e64) 0x00000000170036db0
4 0x0000000010b7b6a64 in (WLMKernel +
0x00000000000012a64) 0x00000000170036e40
5 0x0000000010b7b6974 in (WLMKernel +
0x00000000000012974) 0x00000000170036ea0
6 0x0000000010b7be2e8 in (WLMKernel +
0x0000000000001a2e8) 0x00000000170036f10
7 0x0000000010a1ca930 in (mso30 + 0x00000000000236930)
0x00000000170036f30
8 0x0000000010a0ff7f0 in (mso30 + 0x0000000000016b7f0)
0x00000000170036fa0
9 0x0000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x00000000170036fc0

ARM Thread State(64bit):

x0: 0x00006000007c7288 x1: 0x00000000100000100 x2:
0x0000000000000000 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x000000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x00000000170036cf8 x9: 0x0000000000000000 x10:
0x00006000007c72d0 x11: 0x00000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x000000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x00006000007c72b8
x20: 0x00006000007c7288 x21: 0x000000001700370e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000000 x25: 0x00000000000000001 x26:
0x00000000000000100 x27: 0x000002150694ba5a
x28: 0x0000000000000000 fp: 0x00000000170036d70 lr:
0x0000000018c4f4574 sp: 0x00000000170036ce0

pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 33 (0x127b78):

```
# 1 0x000000018c4b3f14 in _mach_msg2_trap + 0x00000008
(libsystem_kernel.dylib + 0x0000000000000f14)
0x0000000000000000
# 2 0x000000018c4bcb78 in _mach_msg_overwrite +
0x0000025C (libsystem_kernel.dylib + 0x00000000000009b78)
0x0000000000000000
# 3 0x000000018c4b428c in _mach_msg + 0x00000014
(libsystem_kernel.dylib + 0x0000000000000128c)
0x00000002b2fd9dd0
# 4 0x000000018c5d27e0 in ____CFRunLoopServiceMachPort +
0x0000009C (CoreFoundation + 0x0000000000007f7e0)
0x00000002b2fd9df0
# 5 0x000000018c5d10c0 in ____CFRunLoopRun + 0x000004B4
(CoreFoundation + 0x0000000000007e0c0) 0x00000002b2fd9e60
# 6 0x000000018c5d04b4 in _CFRunLoopRunSpecific +
0x00000260 (CoreFoundation + 0x0000000000007d4b4)
0x00000002b2fdabc0
# 7 0x0000000190fb2bb4 in
__CFURLStorageSessionDisableCache + 0x00009C98 (CFNetwork
+ 0x00000000000254bb4) 0x00000002b2fdac70
# 8 0x000000018d543548 in ____NSThread__start__ +
0x000002C8 (Foundation + 0x00000000000056548)
0x00000002b2fdad60
# 9 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x00000002b2fdafc0
```

ARM Thread State(64bit):

```
x0: 0x00000002b2fd9d48 x1: 0x0000000507000806 x2:
0x0000000200000000 x3: 0x0003030300000000
x4: 0x0000000000000000 x5: 0x0003030300000000 x6:
0x0000000000000002 x7: 0x00000000ffffffff
x8: 0xffffffffffffffbbf x9: 0x0000000000000000 x10:
0x00000000000030303 x11: 0x0000000000000000
x12: 0x00000000016e3600 x13: 0x00000000000030303 x14:
0x0000000000000000 x15: 0x0000010000000000
x16: 0xffffffffffffffd1 x17: 0x00000001e8b28ca8 x18:
0x0000000000000000 x19: 0x00000000ffffffff
x20: 0x0000000000000002 x21: 0x0003030300000000 x22:
```

0x0000000000000000 x23:0x0003030300000000
x24: 0x00000002b2fd9d48 x25: 0x0000000200000000 x26:
0x0000000507000806 x27:0x0000000507000806
x28: 0x0000000107000806 fp: 0x00000002b2fd9cb0 lr:
0x000000018c4c6240 sp:0x00000002b2fd9c60
pc: 0x000000018c4b3f14 cpsr: 0x0000000020001000

Thread 34 (0x127b80):

1 0x000000018c4ba060 in _kevent + 0x00000008
(libsystem_kernel.dylib + 0x0000000000007060)
0x0000000000000000
2 0x00000001013a5aa0 in (Microsoft Excel +
0x00000000000461aa0) 0x0000000000000000
3 0x00000001013a587c in (Microsoft Excel +
0x0000000000046187c) 0x00000002b3aaeeb0
4 0x00000001013e50d4 in (Microsoft Excel +
0x000000000004a10d4) 0x00000002b3aaef40
5 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b3aaefc0

ARM Thread State(64bit):

x0: 0x0000000000000002 x1: 0x0000000000000000 x2:
0x0000000000000000 x3:0x00000002b3aad9d0
x4: 0x0000000000000080 x5: 0x00000002b3aad9b0 x6:
0x0000000000000000 x7:0x0000000000000000
x8: 0x000060000157f858 x9: 0x0000000000000002 x10:
0x0000000000000000 x11:0x0000000000000002
x12: 0x00000006fc233a12 x13: 0x7fffffffffffffffffff x14:
0x7fffffffffffffffffff x15:0xfffffa93e767alad0
x16: 0x0000000000000016b x17: 0x00000001ec6a9100 x18:
0x0000000000000000 x19:0x00000002b3aaef00
x20: 0x0000000000000001 x21: 0x0000000000000000 x22:
0x000060000157f800 x23:0x000000012963fcb8
x24: 0x000000012963fcb0 x25: 0x000000012963fcf8 x26:
0x00000002b3aaef00 x27:0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b3aaee30 lr:
0x00000001013a5d08 sp:0x00000002b3aad970
pc: 0x000000018c4ba060 cpsr: 0x0000000040001000

Thread 35 (0x127b81):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x00000001013a62a0 in (Microsoft Excel +
0x00000000004622a0) 0x0000000000000000
# 3 0x00000001013a5a64 in (Microsoft Excel +
0x0000000000461a64) 0x00000002b3b3ae30
# 4 0x00000001013a587c in (Microsoft Excel +
0x000000000046187c) 0x00000002b3b3aeb0
# 5 0x00000001013e50d4 in (Microsoft Excel +
0x00000000004a10d4) 0x00000002b3b3af40
# 6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b3b3afc0
```

ARM Thread State(64bit):

```
x0: 0x000000012963fcb8 x1: 0x00000300000001500 x2:
0x00000000000000300 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x000000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x00000002b3b3ad98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11: 0x00000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x000000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b3b3b0e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x00000000000000300 x25: 0x00000000000000300 x26:
0x00000000000001500 x27: 0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b3b3ae10 lr:
0x000000018c4f4574 sp: 0x00000002b3b3ad80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 36 (0x127b82):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x00000001013a62a0 in (Microsoft Excel +
0x00000000004622a0) 0x0000000000000000
# 3 0x00000001013a5a64 in (Microsoft Excel +
```

```
0x0000000000461a64) 0x00000002b3bc6e30
# 4 0x00000001013a587c in (Microsoft Excel +
0x000000000046187c) 0x00000002b3bc6eb0
# 5 0x00000001013e50d4 in (Microsoft Excel +
0x00000000004a10d4) 0x00000002b3bc6f40
# 6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b3bc6fc0
```

ARM Thread State(64bit):

```
x0: 0x000000012963fcb8 x1: 0x00000700000001900 x2:
0x0000000000000700 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x000000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x00000002b3bc6d98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11: 0x00000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b3bc70e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x00000000000000700 x25: 0x00000000000000700 x26:
0x00000000000001900 x27: 0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b3bc6e10 lr:
0x000000018c4f4574 sp: 0x00000002b3bc6d80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 37 (0x127b83):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x00000001013a62a0 in (Microsoft Excel +
0x00000000004622a0) 0x0000000000000000
# 3 0x00000001013a5a64 in (Microsoft Excel +
0x0000000000461a64) 0x00000002b3c52e30
# 4 0x00000001013a587c in (Microsoft Excel +
0x000000000046187c) 0x00000002b3c52eb0
# 5 0x00000001013e50d4 in (Microsoft Excel +
0x00000000004a10d4) 0x00000002b3c52f40
# 6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
```

0x00000002b3c52fc0

ARM Thread State(64bit):

x0: 0x000000012963fcb8 x1: 0x0000070000001800 x2:
0x0000000000000700 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x00000002b3c52d98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b3c530e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x00000000000000700 x25: 0x00000000000000700 x26:
0x0000000000001800 x27: 0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b3c52e10 lr:
0x000000018c4f4574 sp: 0x00000002b3c52d80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 38 (0x127b84):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x00000000000004710)
0x0000000000000000
2 0x00000001013a62a0 in (Microsoft Excel +
0x000000000004622a0) 0x0000000000000000
3 0x00000001013a5a64 in (Microsoft Excel +
0x00000000000461a64) 0x00000002b3cdee30
4 0x00000001013a587c in (Microsoft Excel +
0x0000000000046187c) 0x00000002b3cdeeb0
5 0x00000001013e50d4 in (Microsoft Excel +
0x000000000004a10d4) 0x00000002b3cdef40
6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x00000002b3cdefc0

ARM Thread State(64bit):

x0: 0x000000012963fcb8 x1: 0x0000070000001700 x2:
0x00000000000000700 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000

x8: 0x00000002b3cded98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b3cdf0e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x00000000000000700 x25: 0x00000000000000700 x26:
0x000000000000001700 x27: 0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b3cdee10 lr:
0x000000018c4f4574 sp: 0x00000002b3cded80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 39 (0x127b85):

1 0x000000018c4b7710 in ____psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x00000000000004710)
0x0000000000000000
2 0x00000001013a62a0 in (Microsoft Excel +
0x000000000004622a0) 0x0000000000000000
3 0x00000001013a5a64 in (Microsoft Excel +
0x00000000000461a64) 0x00000002b3d6ae30
4 0x00000001013a587c in (Microsoft Excel +
0x0000000000046187c) 0x00000002b3d6aeb0
5 0x00000001013e50d4 in (Microsoft Excel +
0x000000000004a10d4) 0x00000002b3d6af40
6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x00000002b3d6afc0

ARM Thread State(64bit):

x0: 0x000000012963fcb8 x1: 0x00000300000001600 x2:
0x00000000000000300 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x000000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x00000002b3d6ad98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b3d6b0e0 x22:

0x0000000000000000 x23:0x0000000000000000
x24: 0x00000000000000300 x25: 0x00000000000000300 x26:
0x00000000000001600 x27:0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b3d6ae10 lr:
0x000000018c4f4574 sp:0x00000002b3d6ad80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 40 (0x127b86):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x00000001013a62a0 in (Microsoft Excel +
0x00000000004622a0) 0x0000000000000000
3 0x00000001013a5a64 in (Microsoft Excel +
0x0000000000461a64) 0x00000002b3df6e30
4 0x00000001013a587c in (Microsoft Excel +
0x000000000046187c) 0x00000002b3df6eb0
5 0x00000001013e50d4 in (Microsoft Excel +
0x00000000004a10d4) 0x00000002b3df6f40
6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b3df6fc0

ARM Thread State(64bit):

x0: 0x000000012963fcb8 x1: 0x00000800000001a00 x2:
0x00000000000000800 x3:0x0000000000000000
x4: 0x0000000000000000 x5: 0x000000000000000a0 x6:
0x0000000000000000 x7:0x0000000000000000
x8: 0x00000002b3df6d98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11:0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19:0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b3df70e0 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x00000000000000800 x25: 0x00000000000000800 x26:
0x00000000000001a00 x27:0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b3df6e10 lr:
0x000000018c4f4574 sp:0x00000002b3df6d80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 41 (0x127b87):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x00000001013a62a0 in (Microsoft Excel +
0x000000000004622a0) 0x0000000000000000
# 3 0x00000001013a5a64 in (Microsoft Excel +
0x00000000000461a64) 0x00000002b3e82e30
# 4 0x00000001013a587c in (Microsoft Excel +
0x0000000000046187c) 0x00000002b3e82eb0
# 5 0x00000001013e50d4 in (Microsoft Excel +
0x000000000004a10d4) 0x00000002b3e82f40
# 6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b3e82fc0
```

ARM Thread State(64bit):

```
x0: 0x000000012963fcb8 x1: 0x00000800000001b00 x2:
0x00000000000000800 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x000000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x00000002b3e82d98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11: 0x00000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b3e830e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x00000000000000800 x25: 0x00000000000000800 x26:
0x00000000000001b00 x27: 0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b3e82e10 lr:
0x000000018c4f4574 sp: 0x00000002b3e82d80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 42 (0x127b88):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x00000001013a62a0 in (Microsoft Excel +
```

```
0x0000000000004622a0) 0x00000000000000000
# 3 0x000000001013a5a64 in (Microsoft Excel +
0x000000000000461a64) 0x000000002b3f0ee30
# 4 0x000000001013a587c in (Microsoft Excel +
0x00000000000046187c) 0x000000002b3f0eeb0
# 5 0x000000001013e50d4 in (Microsoft Excel +
0x0000000000004a10d4) 0x000000002b3f0ef40
# 6 0x0000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x00000000000006fa4)
0x000000002b3f0efc0
```

ARM Thread State(64bit):

```
x0: 0x0000000012963fcb8 x1: 0x00000000000000900 x2:
0x0000000000000000 x3: 0x00000000000000000
x4: 0x00000000000000000 x5: 0x000000000000000a0 x6:
0x00000000000000000 x7: 0x00000000000000000
x8: 0x000000002b3f0ed98 x9: 0x00000000000000000 x10:
0x0000000012963fc80 x11: 0x00000000000000002
x12: 0x00000000000000000 x13: 0x00000000000000000 x14:
0x00000000000000000 x15: 0x00000000000000000
x16: 0x000000000000000131 x17: 0x000000001ec6a8cd0 x18:
0x00000000000000000 x19: 0x0000000012963fc68
x20: 0x0000000012963fcb8 x21: 0x000000002b3f0f0e0 x22:
0x00000000000000000 x23: 0x00000000000000000
x24: 0x00000000000000000 x25: 0x00000000000000000 x26:
0x000000000000000900 x27: 0x0000000012963fcf8
x28: 0x00000000000000000 fp: 0x000000002b3f0ee10 lr:
0x0000000018c4f4574 sp: 0x000000002b3f0ed80
pc: 0x0000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 43 (0x127b89):

```
# 1 0x0000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x00000000000004710)
0x00000000000000000
# 2 0x000000001013a62a0 in (Microsoft Excel +
0x0000000000004622a0) 0x00000000000000000
# 3 0x000000001013a5a64 in (Microsoft Excel +
0x000000000000461a64) 0x000000002b3f9ae30
# 4 0x000000001013a587c in (Microsoft Excel +
0x00000000000046187c) 0x000000002b3f9aeb0
# 5 0x000000001013e50d4 in (Microsoft Excel +
0x0000000000004a10d4) 0x000000002b3f9af40
```

```
# 6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b3f9afc0
```

ARM Thread State(64bit):

```
  x0: 0x000000012963fcb8  x1: 0x0000000000000a00  x2:
0x0000000000000000  x3: 0x0000000000000000
  x4: 0x0000000000000000  x5: 0x0000000000000a00  x6:
0x0000000000000000  x7: 0x0000000000000000
  x8: 0x00000002b3f9ad98  x9: 0x0000000000000000  x10:
0x000000012963fc80  x11: 0x0000000000000002
  x12: 0x0000000000000000  x13: 0x0000000000000000  x14:
0x0000000000000000  x15: 0x0000000000000000
  x16: 0x0000000000000131  x17: 0x00000001ec6a8cd0  x18:
0x0000000000000000  x19: 0x000000012963fc68
  x20: 0x000000012963fcb8  x21: 0x00000002b3f9b0e0  x22:
0x0000000000000000  x23: 0x0000000000000000
  x24: 0x0000000000000000  x25: 0x0000000000000000  x26:
0x0000000000000a00  x27: 0x000000012963fcf8
  x28: 0x0000000000000000  fp: 0x00000002b3f9ae10  lr:
0x000000018c4f4574  sp: 0x00000002b3f9ad80
  pc: 0x000000018c4b7710  cpsr: 0x0000000040001000
```

Thread 44 (0x127b8a):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x00000001013a62a0 in (Microsoft Excel +
0x0000000000004622a0) 0x0000000000000000
# 3 0x00000001013a5a64 in (Microsoft Excel +
0x000000000000461a64) 0x00000002b4026e30
# 4 0x00000001013a587c in (Microsoft Excel +
0x00000000000046187c) 0x00000002b4026eb0
# 5 0x00000001013e50d4 in (Microsoft Excel +
0x0000000000004a10d4) 0x00000002b4026f40
# 6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b4026fc0
```

ARM Thread State(64bit):

```
  x0: 0x000000012963fcb8  x1: 0x0000000000000b00  x2:
0x0000000000000000  x3: 0x0000000000000000
```

x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7:0x0000000000000000
x8: 0x00000002b4026d98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11:0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19:0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b40270e0 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x00000000000000b00 x27:0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b4026e10 lr:
0x000000018c4f4574 sp:0x00000002b4026d80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 45 (0x127b8b):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x00000001013a62a0 in (Microsoft Excel +
0x000000000004622a0) 0x0000000000000000
3 0x00000001013a5a64 in (Microsoft Excel +
0x00000000000461a64) 0x00000002b40b2e30
4 0x00000001013a587c in (Microsoft Excel +
0x0000000000046187c) 0x00000002b40b2eb0
5 0x00000001013e50d4 in (Microsoft Excel +
0x000000000004a10d4) 0x00000002b40b2f40
6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b40b2fc0

ARM Thread State(64bit):

x0: 0x000000012963fcb8 x1: 0x00000000000000c00 x2:
0x0000000000000000 x3:0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7:0x0000000000000000
x8: 0x00000002b40b2d98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11:0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:

0x0000000000000000 x19:0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b40b30e0 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x00000000000000c00 x27:0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b40b2e10 lr:
0x000000018c4f4574 sp:0x00000002b40b2d80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 46 (0x127b8c):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x00000001013a62a0 in (Microsoft Excel +
0x00000000004622a0) 0x0000000000000000
3 0x00000001013a5a64 in (Microsoft Excel +
0x0000000000461a64) 0x00000002b413ee30
4 0x00000001013a587c in (Microsoft Excel +
0x000000000046187c) 0x00000002b413eeb0
5 0x00000001013e50d4 in (Microsoft Excel +
0x00000000004a10d4) 0x00000002b413ef40
6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b413efc0

ARM Thread State(64bit):

x0: 0x000000012963fcb8 x1: 0x0000000000000d00 x2:
0x0000000000000000 x3:0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7:0x0000000000000000
x8: 0x00000002b413ed98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11:0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0x0000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19:0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b413f0e0 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x0000000000000d00 x27:0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b413ee10 lr:
0x000000018c4f4574 sp:0x00000002b413ed80

pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 47 (0x127b8d):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x00000001013a62a0 in (Microsoft Excel +
0x000000000004622a0) 0x0000000000000000
# 3 0x00000001013a5a64 in (Microsoft Excel +
0x00000000000461a64) 0x00000002b41cae30
# 4 0x00000001013a587c in (Microsoft Excel +
0x0000000000046187c) 0x00000002b41caeb0
# 5 0x00000001013e50d4 in (Microsoft Excel +
0x000000000004a10d4) 0x00000002b41caf40
# 6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b41cafc0
```

ARM Thread State(64bit):

```
x0: 0x000000012963fcb8 x1: 0x00000000000000e0 x2:
0x0000000000000000 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x00000002b41cad98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x0000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b41cb0e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x00000000000000e0 x27: 0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b41cae10 lr:
0x000000018c4f4574 sp: 0x00000002b41cad80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 48 (0x127b8e):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
```

```
0x0000000000000000
# 2 0x00000001013a62a0 in (Microsoft Excel +
0x00000000004622a0) 0x0000000000000000
# 3 0x00000001013a5a64 in (Microsoft Excel +
0x0000000000461a64) 0x00000002b4256e30
# 4 0x00000001013a587c in (Microsoft Excel +
0x000000000046187c) 0x00000002b4256eb0
# 5 0x00000001013e50d4 in (Microsoft Excel +
0x00000000004a10d4) 0x00000002b4256f40
# 6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b4256fc0
```

ARM Thread State(64bit):

```
x0: 0x000000012963fcb8 x1: 0x00000000000000f00 x2:
0x0000000000000000 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x00000002b4256d98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11: 0x00000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b42570e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x00000000000000f00 x27: 0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b4256e10 lr:
0x000000018c4f4574 sp: 0x00000002b4256d80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Thread 49 (0x127b8f):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x00000001013a62a0 in (Microsoft Excel +
0x00000000004622a0) 0x0000000000000000
# 3 0x00000001013a5a64 in (Microsoft Excel +
0x0000000000461a64) 0x00000002b42e2e30
# 4 0x00000001013a587c in (Microsoft Excel +
0x000000000046187c) 0x00000002b42e2eb0
```

```
# 5 0x00000001013e50d4 in (Microsoft Excel +
0x00000000004a10d4) 0x00000002b42e2f40
# 6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b42e2fc0
```

ARM Thread State(64bit):

```
  x0: 0x000000012963fcb8  x1: 0x0000000000000100  x2:
0x0000000000000000  x3: 0x0000000000000000
  x4: 0x0000000000000000  x5: 0x00000000000000a0  x6:
0x0000000000000000  x7: 0x0000000000000000
  x8: 0x00000002b42e2d98  x9: 0x0000000000000000  x10:
0x000000012963fc80  x11: 0x0000000000000002
  x12: 0x0000000000000000  x13: 0x0000000000000000  x14:
0x0000000000000000  x15: 0x0000000000000000
  x16: 0x00000000000000131  x17: 0x00000001ec6a8cd0  x18:
0x0000000000000000  x19: 0x000000012963fc68
  x20: 0x000000012963fcb8  x21: 0x00000002b42e30e0  x22:
0x0000000000000000  x23: 0x0000000000000000
  x24: 0x0000000000000000  x25: 0x0000000000000000  x26:
0x0000000000000100  x27: 0x000000012963fcf8
  x28: 0x0000000000000000  fp: 0x00000002b42e2e10  lr:
0x000000018c4f4574  sp: 0x00000002b42e2d80
  pc: 0x000000018c4b7710  cpsr: 0x000000040001000
```

Thread 50 (0x127b90):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x00000001013a62a0 in (Microsoft Excel +
0x000000000004622a0) 0x0000000000000000
# 3 0x00000001013a5a64 in (Microsoft Excel +
0x00000000000461a64) 0x00000002b436ee30
# 4 0x00000001013a587c in (Microsoft Excel +
0x0000000000046187c) 0x00000002b436eeb0
# 5 0x00000001013e50d4 in (Microsoft Excel +
0x000000000004a10d4) 0x00000002b436ef40
# 6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b436efc0
```

ARM Thread State(64bit):

x0: 0x000000012963fcb8 x1: 0x0000000000001100 x2:
0x0000000000000000 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x00000002b436ed98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b436f0e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x0000000000001100 x27: 0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b436ee10 lr:
0x000000018c4f4574 sp: 0x00000002b436ed80
pc: 0x000000018c4b7710 cpsr: 0x000000040001000

Thread 51 (0x127b91):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x00000001013a62a0 in (Microsoft Excel +
0x000000000004622a0) 0x0000000000000000
3 0x00000001013a5a64 in (Microsoft Excel +
0x00000000000461a64) 0x00000002b43fae30
4 0x00000001013a587c in (Microsoft Excel +
0x0000000000046187c) 0x00000002b43faeb0
5 0x00000001013e50d4 in (Microsoft Excel +
0x000000000004a10d4) 0x00000002b43faf40
6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b43fafc0

ARM Thread State(64bit):

x0: 0x000000012963fcb8 x1: 0x0000000000001200 x2:
0x0000000000000000 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x00000002b43fad98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:

0x0000000000000000 x15:0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19:0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b43fb0e0 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x00000000000001200 x27:0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b43fae10 lr:
0x000000018c4f4574 sp:0x00000002b43fad80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 52 (0x127b92):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x00000001013a62a0 in (Microsoft Excel +
0x00000000004622a0) 0x0000000000000000
3 0x00000001013a5a64 in (Microsoft Excel +
0x0000000000461a64) 0x00000002b4486e30
4 0x00000001013a587c in (Microsoft Excel +
0x000000000046187c) 0x00000002b4486eb0
5 0x00000001013e50d4 in (Microsoft Excel +
0x00000000004a10d4) 0x00000002b4486f40
6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b4486fc0

ARM Thread State(64bit):

x0: 0x000000012963fcb8 x1: 0x00000000000001300 x2:
0x0000000000000000 x3:0x0000000000000000
x4: 0x0000000000000000 x5: 0x000000000000000a0 x6:
0x0000000000000000 x7:0x0000000000000000
x8: 0x00000002b4486d98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11:0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19:0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b44870e0 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x00000000000001300 x27:0x000000012963fcf8

x28: 0x0000000000000000 fp: 0x00000002b4486e10 lr:
0x000000018c4f4574 sp:0x00000002b4486d80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 53 (0x127b93):

1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
2 0x00000001013a62a0 in (Microsoft Excel +
0x00000000004622a0) 0x0000000000000000
3 0x00000001013a5a64 in (Microsoft Excel +
0x0000000000461a64) 0x00000002b4512e30
4 0x00000001013a587c in (Microsoft Excel +
0x000000000046187c) 0x00000002b4512eb0
5 0x00000001013e50d4 in (Microsoft Excel +
0x00000000004a10d4) 0x00000002b4512f40
6 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b4512fc0

ARM Thread State(64bit):

x0: 0x000000012963fcb8 x1: 0x0000000000001400 x2:
0x0000000000000000 x3:0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7:0x0000000000000000
x8: 0x00000002b4512d98 x9: 0x0000000000000000 x10:
0x000000012963fc80 x11:0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15:0x0000000000000000
x16: 0x0000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19:0x000000012963fc68
x20: 0x000000012963fcb8 x21: 0x00000002b45130e0 x22:
0x0000000000000000 x23:0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000000 x26:
0x0000000000001400 x27:0x000000012963fcf8
x28: 0x0000000000000000 fp: 0x00000002b4512e10 lr:
0x000000018c4f4574 sp:0x00000002b4512d80
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000

Thread 54 (0x127b94):

```
# 1 0x000000018c4b7710 in __psynch_cvwait + 0x00000008
(libsystem_kernel.dylib + 0x0000000000004710)
0x0000000000000000
# 2 0x00000001013a62a0 in (Microsoft Excel +
0x00000000004622a0) 0x0000000000000000
# 3 0x00000001013a5a64 in (Microsoft Excel +
0x0000000000461a64) 0x00000002b459ee20
# 4 0x00000001013a587c in (Microsoft Excel +
0x000000000046187c) 0x00000002b459eea0
# 5 0x00000001013a5724 in (Microsoft Excel +
0x0000000000461724) 0x00000002b459ef30
# 6 0x00000001013a56a8 in (Microsoft Excel +
0x00000000004616a8) 0x00000002b459efa0
# 7 0x000000018c4f3fa4 in __pthread_start + 0x00000090
(libsystem_pthread.dylib + 0x0000000000006fa4)
0x00000002b459efc0
```

ARM Thread State(64bit):

```
x0: 0x00000002b2022368 x1: 0x0000000100000100 x2:
0x0000000000000000 x3: 0x0000000000000000
x4: 0x0000000000000000 x5: 0x00000000000000a0 x6:
0x0000000000000000 x7: 0x0000000000000000
x8: 0x00000002b459ed88 x9: 0x0000000000000000 x10:
0x00000002b2022330 x11: 0x0000000000000002
x12: 0x0000000000000000 x13: 0x0000000000000000 x14:
0x0000000000000000 x15: 0x0000000000000000
x16: 0x00000000000000131 x17: 0x00000001ec6a8cd0 x18:
0x0000000000000000 x19: 0x00000002b2022318
x20: 0x00000002b2022368 x21: 0x00000002b459f0e0 x22:
0x0000000000000000 x23: 0x0000000000000000
x24: 0x0000000000000000 x25: 0x0000000000000001 x26:
0x00000000000000100 x27: 0x00000002b20223a8
x28: 0x0000000000000000 fp: 0x00000002b459ee00 lr:
0x000000018c4f4574 sp: 0x00000002b459ed70
pc: 0x000000018c4b7710 cpsr: 0x0000000040001000
```

Loaded modules:

```
0: 0x0000000100f44000 - 0x0000000104183fff Microsoft
Excel (arm64) <AEE312E7-4E05-33F2-A1A9-CCFAC1B25A17>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/MacOS/Microsoft Excel
1: 0x0000000104864000 - 0x00000001049affff COMBase
```

(arm64) <F555AAE5-E7D8-3D18-85F0-102FD8C15F65>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/COMBase.framework/Versions/A/COMBase
2: 0x0000000104a10000 - 0x0000000104a9bfff ADAL4 (arm64)
<031213C6-2F51-39B6-9D81-9C7F7142389E> (4.0.6): /
Applications/Microsoft Excel.app/Contents/Frameworks/
ADAL4.framework/Versions/A/ADAL4
3: 0x0000000104ae0000 - 0x0000000104b27fff Hlink (arm64)
<24730BE3-E90D-362B-B1C5-AC0645F966BD>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/Hlink.framework/Versions/A/Hlink
4: 0x0000000104b54000 - 0x0000000104b6ffff
MicrosoftCredui (arm64) <80BD3EB0-881A-3BBD-
B0BA-86C5221FE460> (16.75.23060401): /Applications/
Microsoft Excel.app/Contents/Frameworks/
MicrosoftCredui.framework/Versions/A/MicrosoftCredui
5: 0x0000000104b8c000 - 0x0000000104b9bfff MicrosoftFBA
(arm64) <0FD590E5-8878-37BA-9DAA-B089FBA2F2FB>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/MicrosoftFBA.framework/Versions/A/
MicrosoftFBA
6: 0x0000000104bb4000 - 0x0000000104d3ffff MicrosoftIvy
(arm64) <6C8BE7B8-94A6-34A5-8075-6044D455C61E>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/MicrosoftIvy.framework/Versions/A/
MicrosoftIvy
7: 0x0000000104df0000 - 0x0000000104e6bfff mbukernel
(arm64) <BB1952E7-7C01-32AA-81EE-41D9924905E6>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/mbukernel.framework/Versions/A/
mbukernel
8: 0x0000000104e9c000 - 0x0000000104eb3fff merp (arm64)
<8892121F-9934-3371-9785-AB206D4BE59D>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/merp.framework/Versions/A/merp
9: 0x0000000104ed0000 - 0x0000000104ed3fff mbulocale
(arm64) <D6794BDB-89ED-319B-BD13-C24CE6E4A439>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/mbulocale.framework/Versions/A/
mbulocale
10: 0x0000000104ef8000 - 0x000000010506ffff CocoaUI
(arm64) <D13AD2DB-CD51-3598-AFC5-893FB8CE7506>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/CocoaUI.framework/Versions/A/CocoaUI

11: 0x000000001050fc000 - 0x00000000105d13fff MicrosoftCSI
(arm64) <A689839C-E092-3097-B74E-428CCADCB82B>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/MicrosoftCSI.framework/Versions/A/
MicrosoftCSI

12: 0x00000000105ec0000 - 0x00000000105fc3fff Forms (arm64)
<6C07137B-738F-3286-BCD5-B05EB8349201>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/Forms.framework/Versions/A/Forms

13: 0x0000000010601c000 - 0x00000000106057fff
MicrosoftFontLibrary (arm64) <D3C0D2AF-
FBBE-31DB-81F1-54AC6DA60846> (16.75.23060401): /
Applications/Microsoft Excel.app/Contents/Frameworks/
MicrosoftFontLibrary.framework/Versions/A/
MicrosoftFontLibrary

14: 0x0000000010607c000 - 0x000000001060bbfff mbuinstrument
(arm64) <55E09350-5399-3D6A-865E-6FD7952C55B5>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/mbuinstrument.framework/Versions/A/
mbuinstrument

15: 0x000000001060e4000 - 0x000000001061f3fff MetEx (arm64)
<62EB5EAF-D552-37F3-A9D5-FC9A1CCCAC61>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/MetEx.framework/Versions/A/MetEx

16: 0x0000000010624c000 - 0x0000000010626ffff MsoCF (arm64)
<8ABF9D01-5C3B-3221-86C5-FD7ED2F8C661>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/MsoCF.framework/Versions/A/MsoCF

17: 0x00000000106290000 - 0x0000000010629bfff SAEExt (arm64)
<5F130702-E27B-3B50-A8B2-003F0427BAD5>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/SAEExt.framework/Versions/A/SAEExt

18: 0x000000001062b0000 - 0x000000001062f3fff FluentUI
(arm64) <92AF426B-3830-3913-B5E6-EA45DD33B820>
(0.17.3): /Applications/Microsoft Excel.app/Contents/
Frameworks/FluentUI.framework/Versions/A/FluentUI

19: 0x00000000106330000 - 0x00000000106d5bfff Chart (arm64)
<8568BC63-55AD-3D7C-A963-3B310956ABA4>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/Chart.framework/Versions/A/Chart

20: 0x00000000106f60000 - 0x00000000107543fff mso20 (arm64)
<AEAD6022-21AF-31C1-8238-9BE2977FC6A7>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/mso20.framework/Versions/A/mso20

21: 0x00000001076c0000 - 0x000000010782ffff MSXML (arm64)
<D1EAE2B9-FEB0-39FB-B4C8-7112115FC57F>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/MSXML.framework/Versions/A/MSXML
22: 0x000000010789c000 - 0x00000001078c3fff osfstorage2
(arm64) <35F9D2DE-DBCE-398D-B1BE-B0D1A54D2803>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/osfstorage2.framework/Versions/A/
osfstorage2
23: 0x00000001078fc000 - 0x0000000107d0ffff dwritel0
(arm64) <67175B40-C976-397B-9F00-B57F556D3EBF>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/dwritel0.framework/Versions/A/
dwritel0
24: 0x0000000107db4000 - 0x0000000108113fff Gfx (arm64)
<F1AF8A82-12F3-335F-8C89-AE4B796DFD33>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/Gfx.framework/Versions/A/Gfx
25: 0x00000001081ac000 - 0x00000001084e7fff SmartArt
(arm64) <7B8EF4DF-1C40-3839-B745-0494672F6BB8>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/SmartArt.framework/Versions/A/
SmartArt
26: 0x00000001085d0000 - 0x00000001098a3fff OfficeArt
(arm64) <82C1FBDA-F983-35CA-BAAD-D5B6A244B145>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/OfficeArt.framework/Versions/A/
OfficeArt
27: 0x0000000109d68000 - 0x0000000109d93fff Xml-lite
(arm64) <9A6EF986-904C-3BF2-A978-D3A1B96C620B>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/Xml-lite.framework/Versions/A/Xml-lite
28: 0x0000000109dac000 - 0x0000000109db7fff ProofingUI
(arm64) <2904E9EB-6A2F-3477-9D66-7F0FADEF33D0>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/ProofingUI.framework/Versions/A/
ProofingUI
29: 0x0000000109dd4000 - 0x0000000109deffff WinCrypto
(arm64) <F16035A3-31E6-37B2-8BCA-E5ED1CFF3C15>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/WinCrypto.framework/Versions/A/
WinCrypto
30: 0x0000000109e08000 - 0x0000000109f47fff MicrosoftPTLS
(arm64) <B0F0ECD3-5D15-3B32-9D1D-1DA8100A9C3A>

(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/MicrosoftPTLS.framework/Versions/A/
MicrosoftPTLS
31: 0x0000000109f94000 - 0x000000010aa67fff mso30 (arm64)
<87DE1180-77FD-3393-AB03-B031098674EB>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/mso30.framework/Versions/A/mso30
32: 0x000000010ac6c000 - 0x000000010b303fff mso40ui
(arm64) <9C7AF5F2-A44C-3371-8374-776489237254>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/mso40ui.framework/Versions/A/mso40ui
33: 0x000000010b620000 - 0x000000010b6bffff OcsClient
(arm64) <CA040108-5213-325D-B94F-10B85F216D20>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/OcsClient.framework/Versions/A/
OcsClient
34: 0x000000010b6e0000 - 0x000000010b77ffff OLE (arm64)
<9D8059BF-A739-3398-807D-07A44DAB053A>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/OLE.framework/Versions/A/OLE
35: 0x000000010b7a4000 - 0x000000010b813fff WLMKernel
(arm64) <F48CFCD6-2672-3DA0-A6F9-B2CAEB5C0149>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/WLMKernel.framework/Versions/A/
WLMKernel
36: 0x000000010b858000 - 0x000000010b8e3fff OLEAutomation
(arm64) <7FC0F855-9F3D-34C3-A94E-B66B87DB04ED>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/OLEAutomation.framework/Versions/A/
OLEAutomation
37: 0x000000010b914000 - 0x000000010b973fff
MicrosoftCloudServices (arm64) <527571ED-
BC45-3CBB-8D39-250A5F2F65CA> (16.75.23060401): /
Applications/Microsoft Excel.app/Contents/Frameworks/
MicrosoftCloudServices.framework/Versions/A/
MicrosoftCloudServices
38: 0x000000010b9b8000 - 0x000000010ba47fff
MicrosoftWebServices (arm64) <9E5BFC2E-183C-3060-90F0-
B879E7ACB30F> (16.75.23060401): /Applications/Microsoft
Excel.app/Contents/Frameworks/
MicrosoftWebServices.framework/Versions/A/
MicrosoftWebServices
39: 0x000000010ba6c000 - 0x000000010bab7fff Uniscribe
(arm64) <849663E8-16A1-3DDE-8FA2-2E7B20034E56>

(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/Uniscribe.framework/Versions/A/
Uniscribe
40: 0x000000010bae4000 - 0x000000010bb0ffff
WLMGraphicsDevice (arm64) <897C464D-
C99C-3578-9221-812CF9156251> (16.75.23060401): /
Applications/Microsoft Excel.app/Contents/Frameworks/
WLMGraphicsDevice.framework/Versions/A/WLMGraphicsDevice
41: 0x000000010bb30000 - 0x000000010bbf7fff
libmbupdx2009.dylib (arm64) <C169B372-0185-30E0-A123-
CB9BD568096C> (16.75.23060401): /Applications/Microsoft
Excel.app/Contents/Frameworks/libmbupdx2009.dylib
42: 0x000000010bc38000 - 0x000000010bcb7fff rpcrt4
(arm64) <5E13EA56-9BE7-308B-9F51-BA4B1B4C26CC>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/rpcrt4.framework/Versions/A/rpcrt4
43: 0x000000010bd08000 - 0x000000010be9ffff
MicrosoftPTLS7 (arm64)
<3516FE67-4FA8-32F8-87D2-7C9AC3B481C9>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/MicrosoftPTLS7.framework/Versions/A/
MicrosoftPTLS7
44: 0x000000010bf4c000 - 0x000000010bf9ffff molc (arm64)
<24240C46-ACF4-3528-B2E5-4C152298A419>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/molc.framework/Versions/A/molc
45: 0x000000010bfbc000 - 0x000000010c027fff Oimg (arm64)
<C13C2F8B-3FDB-3640-B067-E8AE900795C2>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/Oimg.framework/Versions/A/Oimg
46: 0x000000010c0e8000 - 0x000000010c4e7fff osf (arm64)
<BF04BF5B-FE38-3328-916E-751A6600BCE5>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/osf.framework/Versions/A/osf
47: 0x000000010c58c000 - 0x000000010c787fff
MicrosoftRichEdit (arm64) <C9A1EAC3-0DC9-3CBE-
B888-3D4C4717D465> (16.75.23060401): /Applications/
Microsoft Excel.app/Contents/Frameworks/
MicrosoftRichEdit.framework/Versions/A/MicrosoftRichEdit
48: 0x000000010c7d0000 - 0x000000010c9d7fff
MSRightsManagement (arm64) <B3E54E78-FAFF-3165-
B841-39931D0D892C> (4.2.26.211104): /Applications/
Microsoft Excel.app/Contents/Frameworks/
MSRightsManagement.framework/Versions/A/

MSRightsManagement

49: 0x0000000010ca90000 - 0x0000000010cc63fff
MicrosoftProofing (arm64) <656EB4F3-4AFE-3F88-963E-
C28EBAD5781C> (16.75.23060401): /Applications/Microsoft
Excel.app/Contents/Frameworks/
MicrosoftProofing.framework/Versions/A/MicrosoftProofing
50: 0x0000000010cd30000 - 0x0000000010cf9ffff Visual Basic
for Applications (arm64) <9F1F4366-BCC0-3892-8C16-
D483A81C6E69> (16.75.23060401): /Applications/Microsoft
Excel.app/Contents/Frameworks/Visual Basic for
Applications.framework/Versions/A/Visual Basic for
Applications
51: 0x0000000010cff8000 - 0x0000000010d1d3fff XPG (arm64)
<44137E5A-66C2-3CF6-AC75-85EB59ABA0C1>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/XPG.framework/Versions/A/XPG
52: 0x0000000010d3e4000 - 0x0000000010d4a7fff WLMUser
(arm64) <99026597-4DE7-3402-8E94-032D7CA60858>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/WLMUser.framework/Versions/A/WLMUser
53: 0x00000000110370000 - 0x0000000011237bfff mso99 (arm64)
<9D75F17A-291B-39C8-8522-FC71BB7C75EE>
(16.75.23060401): /Applications/Microsoft Excel.app/
Contents/Frameworks/mso99.framework/Versions/A/mso99
54: 0x00000000117fd8000 - 0x00000000117fe3fff libobjc-
trampolines.dylib (arm64e) <8E928412-9E96-32D4-B173-
D99BEB9FED0B> (unknown version): /usr/lib/libobjc-
trampolines.dylib
55: 0x00000000129520000 - 0x0000000012953ffff csparser
(arm64e) <0AAFFC10-5024-3D02-A0EC-1DFFEBFE9546>
(60420.140.11.0.1): /System/Library/Frameworks/
Security.framework/Versions/A/PlugIns/csparser.bundle/
Contents/MacOS/csparser
56: 0x0000000018c150000 - 0x0000000018c195f3f
libobjc.A.dylib (arm64e) <C4AA07AF-3E26-372A-
A178-9C8DDD5D8B1E> (unknown version): /usr/lib/
libobjc.A.dylib
57: 0x0000000018c225000 - 0x0000000018c229ffc
libsystem_blocks.dylib (arm64e) <73A49FC5-CB95-397D-93AB-
C8C9E651E576> (unknown version): /usr/lib/system/
libsystem_blocks.dylib
58: 0x0000000018c22a000 - 0x0000000018c26dfff libxpc.dylib
(arm64e) <DA97C294-1870-3275-AA60-4C439C3EA64B> (unknown
version): /usr/lib/system/libxpc.dylib

59: 0x000000018c26e000 - 0x000000018c288fff
libsystem_trace.dylib (arm64e) <725B5CCD-81B0-302D-
B8A2-107639C5FB53> (unknown version): /usr/lib/system/
libsystem_trace.dylib
60: 0x000000018c289000 - 0x000000018c313fff
libcorecrypto.dylib (arm64e) <D975BA86-
AA67-3124-9A53-87E39BA66FE0> (unknown version): /usr/lib/
system/libcorecrypto.dylib
61: 0x000000018c314000 - 0x000000018c33ffff
libsystem_malloc.dylib (arm64e) <8F5789C7-C3B0-3084-
A0E3-85E6C58B0703> (unknown version): /usr/lib/system/
libsystem_malloc.dylib
62: 0x000000018c340000 - 0x000000018c387fff
libdispatch.dylib (arm64e) <8996DD42-35DE-3700-
ACDE-1FFC7B1749A0> (unknown version): /usr/lib/system/
libdispatch.dylib
63: 0x000000018c388000 - 0x000000018c38affb
libsystem_featureflags.dylib (arm64e) <31FB545B-
C829-31B6-8420-84CCEBA21B1C> (unknown version): /usr/lib/
system/libsystem_featureflags.dylib
64: 0x000000018c38b000 - 0x000000018c409ff7
libsystem_c.dylib (arm64e) <BC1FF995-843F-3CDC-
BC2D-43E25B252E65> (unknown version): /usr/lib/system/
libsystem_c.dylib
65: 0x000000018c40a000 - 0x000000018c496ff7 libc+
+1.dylib (arm64e) <3EE92404-8FC3-374B-A598-D5C9A8CD64B5>
(unknown version): /usr/lib/libc++1.dylib
66: 0x000000018c497000 - 0x000000018c4b2fff libc+
+abi.dylib (arm64e) <3E0CEEEE-
F6BF-3497-80DA-116F0269AAD2> (unknown version): /usr/lib/
libc++abi.dylib
67: 0x000000018c4b3000 - 0x000000018c4ecff7
libsystem_kernel.dylib (arm64e)
<3809C056-1C08-37BA-9EE0-58D222FB007E> (unknown
version): /usr/lib/system/libsystem_kernel.dylib
68: 0x000000018c4ed000 - 0x000000018c4f9fff
libsystem_pthread.dylib (arm64e) <9398DBC7-823A-3AEE-
BCF9-54F33C4CA39B> (unknown version): /usr/lib/system/
libsystem_pthread.dylib
69: 0x000000018c4fa000 - 0x000000018c51efff libdyld.dylib
(arm64e) <3AADCC8C-BE7E-379F-A926-7BC3BFED7D> (unknown
version): /usr/lib/system/libdyld.dylib
70: 0x000000018c51f000 - 0x000000018c525ffb
libsystem_platform.dylib (arm64e) <F0EC0FC9-

C01D-3FD2-9715-229F49E52339> (unknown version): /usr/lib/
system/libsystem_platform.dylib
71: 0x000000018c526000 - 0x000000018c552ffb
libsystem_info.dylib (arm64e) <CB0C866B-E5F5-3D68-
BE30-1EB9B7EC01AB> (unknown version): /usr/lib/system/
libsystem_info.dylib
72: 0x000000018c553000 - 0x000000018ca2cfff
CoreFoundation (arm64e)
<EB4ADEF6-2CFB-3628-960C-7DFE1E6AF078> (1977): /System/
Library/Frameworks/CoreFoundation.framework/Versions/A/
CoreFoundation
73: 0x000000018ca2d000 - 0x000000018cca9fff
LaunchServices (arm64e) <0450C7C9-
A9B6-3307-8322-1EA123E307EA> (1141.1): /System/Library/
Frameworks/CoreServices.framework/Versions/A/Frameworks/
LaunchServices.framework/Versions/A/LaunchServices
74: 0x000000018ccaa000 - 0x000000018cde4fff MetalTools
(arm64e) <9D2D4C12-F87A-3CF5-833F-62CF8240A0C6> (1): /
System/Library/PrivateFrameworks/MetalTools.framework/
Versions/A/MetalTools
75: 0x000000018cde5000 - 0x000000018d109fcf libBLAS.dylib
(arm64e) <F52B5A07-42CF-3F27-B04D-211CE7497372> (vecLib
3.11): /System/Library/Frameworks/Accelerate.framework/
Versions/A/Frameworks/vecLib.framework/Versions/A/
libBLAS.dylib
76: 0x000000018d10a000 - 0x000000018d151ff7 Lexicon
(arm64e) <4CDB306F-B129-3916-AEE0-854AC49CCC68>
(105.4): /System/Library/PrivateFrameworks/
Lexicon.framework/Versions/A/Lexicon
77: 0x000000018d152000 - 0x000000018d1b9ff7
libSparse.dylib (arm64e) <B3BB7EAE-1F89-39A1-
A336-0FC1F4FB1BFB> (vecLib 3.11): /System/Library/
Frameworks/Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libSparse.dylib
78: 0x000000018d1ba000 - 0x000000018d243ff7
SystemConfiguration (arm64e) <BF3A4433-81BB-31A7-
A0B9-1E6093FD78D1> (1.21): /System/Library/Frameworks/
SystemConfiguration.framework/Versions/A/
SystemConfiguration
79: 0x000000018d244000 - 0x000000018d277ffb
libCRFSuite.dylib (arm64e)
<3E16A9B7-95CB-38B5-87C7-160373569E42> (unknown
version): /usr/lib/libCRFSuite.dylib
80: 0x000000018d278000 - 0x000000018d4ecfff

libmecabra.dylib (arm64e) <430DD4F6-71CF-3B25-B1C4-5421E9BE2890> (unknown version): /usr/lib/libmecabra.dylib

81: 0x000000018d4ed000 - 0x000000018deb2fff Foundation (arm64e) <6F0A7639-2258-37E3-8460-7509D6B05320> (1977): /System/Library/Frameworks/Foundation.framework/Versions/C/Foundation

82: 0x000000018deb3000 - 0x000000018e02efff LanguageModeling (arm64e) <1DF3E2FB-2411-3F40-B30B-A2C43EB9A103> (323.8): /System/Library/PrivateFrameworks/LanguageModeling.framework/Versions/A/LanguageModeling

83: 0x000000018e02f000 - 0x000000018e14efff CoreDisplay (arm64e) <F1795A65-AC29-345B-A7B9-64C98964B3EB> (277.2): /System/Library/Frameworks/CoreDisplay.framework/Versions/A/CoreDisplay

84: 0x000000018e14f000 - 0x000000018e40bfff AudioToolboxCore (arm64e) <4180A099-52DF-3493-913F-31D456E44DBF> (1.0): /System/Library/PrivateFrameworks/AudioToolboxCore.framework/Versions/A/AudioToolboxCore

85: 0x000000018e40c000 - 0x000000018e5eeffff CoreText (arm64e) <DB8595B2-8C50-352E-B4EF-4F9DEA0E727C> (751.4.0.6): /System/Library/Frameworks/CoreText.framework/Versions/A/CoreText

86: 0x000000018e5ef000 - 0x000000018ec82fff CoreAudio (arm64e) <1E66A1DC-1ECA-39BE-9238-B1468CCFFE24> (5.0): /System/Library/Frameworks/CoreAudio.framework/Versions/A/CoreAudio

87: 0x000000018ec83000 - 0x000000018f036fff Security (arm64e) <74B10764-4483-3A26-BB79-0277F1597252> (60420.140.11.0.1): /System/Library/Frameworks/Security.framework/Versions/A/Security

88: 0x000000018f037000 - 0x000000018f2eafff libcucore.A.dylib (arm64e) <7D846992-22FF-32B3-BE32-BF9903A6DF35> (unknown version): /usr/lib/libcucore.A.dylib

89: 0x000000018f2eb000 - 0x000000018f2f5fff libsystem_darwin.dylib (arm64e) <1B00645B-B760-3C73-A06B-BEC021080D3F> (unknown version): /usr/lib/system/libsystem_darwin.dylib

90: 0x000000018f2f6000 - 0x000000018f5fdfff CarbonCore (arm64e) <0F3E2472-68E8-3226-8AE9-6FAE5734D7DD> (1333): /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/CarbonCore.framework/Versions/A/

CarbonCore

91: 0x000000018f5fe000 - 0x000000018f63cfff
CoreServicesInternal (arm64e) <AA613C7F-173E-3397-A8CA-F7C985C5C6AF> (484): /System/Library/PrivateFrameworks/
CoreServicesInternal.framework/Versions/A/
CoreServicesInternal
92: 0x000000018f63d000 - 0x000000018f679fff
CoreServicesStore (arm64e)
<0C4D85D5-3414-3C36-9E5F-430D6880CC99> (1141.1): /System/
Library/PrivateFrameworks/CoreServicesStore.framework/
Versions/A/CoreServicesStore
93: 0x000000018f67a000 - 0x000000018f754fff IOKit
(arm64e) <FC14530B-E2F0-3FEF-8E58-8E80CD4B3722>
(2.0.2): /System/Library/Frameworks/IOKit.framework/
Versions/A/IOKit
94: 0x000000018f755000 - 0x000000018f765fff
libsystem_notify.dylib (arm64e) <346AAF51-BE09-3E79-96B3-D2C821B4590D> (unknown version): /usr/lib/system/
libsystem_notify.dylib
95: 0x000000018f766000 - 0x000000018f7b9fff
libsandbox.1.dylib (arm64e) <B7807E66-67F1-3784-BFE5-62CE87E5C584> (unknown version): /usr/lib/
libsandbox.1.dylib
96: 0x000000018f7ba000 - 0x00000001906c8fff AppKit
(arm64e) <9B5B3BC3-1446-35BF-9EB5-A735C14F7351>
(2299.70.128): /System/Library/Frameworks/
AppKit.framework/Versions/C/AppKit
97: 0x00000001906c9000 - 0x000000019086efff UIFoundation
(arm64e) <5E5986BF-A763-36FC-8EB7-828466E8C1BB>
(857.8): /System/Library/PrivateFrameworks/
UIFoundation.framework/Versions/A/UIFoundation
98: 0x000000019086f000 - 0x0000000190884fff
UniformTypeIdentifiers (arm64e) <596A3FBC-D5D2-3DB4-9403-92A5E54DB8C5> (709): /System/Library/
Frameworks/UniformTypeIdentifiers.framework/Versions/A/
UniformTypeIdentifiers
99: 0x0000000190885000 - 0x0000000190a5cfff
DesktopServicesPriv (arm64e) <0F8D0F9B-9548-3BC7-84F0-E81A8F553DD0> (1564.6.3): /System/Library/
PrivateFrameworks/DesktopServicesPriv.framework/Versions/
A/DesktopServicesPriv
100: 0x0000000190a75000 - 0x0000000190c94fff CoreDuet
(arm64e) <D600ACE1-D634-398D-A4E5-1814E3D6E3BF> (1): /
System/Library/PrivateFrameworks/CoreDuet.framework/

Versions/A/CoreDuet

101: 0x0000000190c95000 - 0x0000000190d59ffa
libboringssl.dylib (arm64e) <372BF26A-6507-3213-B03B-3D8E409FB28F> (unknown version): /usr/lib/
libboringssl.dylib

102: 0x0000000190d5a000 - 0x0000000190d5dfff
libnetwork.dylib (arm64e) <382524E1-B330-3274-8E75-849EAEAE6F6C> (unknown version): /usr/lib/
libnetwork.dylib

103: 0x0000000190d5e000 - 0x0000000191121fff CFNetwork
(arm64e) <04A706DA-657F-3EBB-9ABF-EF94DB024AE8>
(1410.0.1): /System/Library/Frameworks/
CFNetwork.framework/Versions/A/CFNetwork

104: 0x0000000191122000 - 0x000000019113aff7
libsystem_networkextension.dylib (arm64e)
<073F2A49-1EAB-3317-814C-015CC2A9C770> (unknown
version): /usr/lib/system/
libsystem_networkextension.dylib

105: 0x000000019113b000 - 0x000000019113cfff
libenergytrace.dylib (arm64e) <132EE891-3808-3C62-BC19-91137868B089> (unknown version): /usr/lib/
libenergytrace.dylib

106: 0x000000019113d000 - 0x00000001911a3fff
libMobileGestalt.dylib (arm64e) <25C4CB44-808E-3F2B-BA02-A09A2DFA6E28> (unknown version): /usr/lib/
libMobileGestalt.dylib

107: 0x00000001911a4000 - 0x00000001911bbffb
libsystem_asl.dylib (arm64e) <6FE3341C-91CF-3119-AB04-F8B28F58FE92> (unknown version): /usr/lib/system/
libsystem_asl.dylib

108: 0x00000001911bc000 - 0x00000001911d9ff5 TCC (arm64e)
<B3DDB05C-BEF5-302C-B747-0D0B7FD67890> (1): /System/
Library/PrivateFrameworks/TCC.framework/Versions/A/TCC

109: 0x00000001911da000 - 0x0000000191605fff SkyLight
(arm64e) <00C15FCA-103B-33D1-B94E-E3CA1E357785>
(1.600.0): /System/Library/PrivateFrameworks/
SkyLight.framework/Versions/A/SkyLight

110: 0x0000000191606000 - 0x0000000191c4cfff CoreGraphics
(arm64e) <CA7619D4-2571-331C-8B10-AB4CD5B18CDA>
(1690.6.1): /System/Library/Frameworks/
CoreGraphics.framework/Versions/A/CoreGraphics

111: 0x0000000191c4d000 - 0x0000000191d3eff7 ColorSync
(arm64e) <6251148E-4CA8-36D8-8CB3-F2E24B0DF35C>
(3644.5.2): /System/Library/Frameworks/

ColorSync.framework/Versions/A/ColorSync
112: 0x0000000191d3f000 - 0x0000000191da2fff HIServices
(arm64e) <AA82796D-4878-3597-8588-D9DA7ED2666D> (1.22): /
System/Library/Frameworks/ApplicationServices.framework/
Versions/A/Frameworks/HIServices.framework/Versions/A/
HIServices
113: 0x0000000191da3000 - 0x0000000191de5fff
libAWDSupport.dylib (arm64e)
<8DF421F1-9679-3BD0-9FAE-6FB0BFE47EA6> (unknown
version): /System/Library/PrivateFrameworks/
WirelessDiagnostics.framework/Versions/A/Libraries/
libAWDSupport.dylib
114: 0x0000000191de6000 - 0x0000000191e49fff
libprotobuf.dylib (arm64e) <7B823FFA-D9D8-3F43-AAC5-
CF2F4FDA576B> (unknown version): /System/Library/
PrivateFrameworks/WirelessDiagnostics.framework/Versions/
A/Libraries/libprotobuf.dylib
115: 0x0000000191e4a000 - 0x0000000191e5dff7 libprotobuf-
lite.dylib (arm64e) <D2595C7F-B0DA-3E39-
B9E7-351C46CCD253> (unknown version): /System/Library/
PrivateFrameworks/WirelessDiagnostics.framework/Versions/
A/Libraries/libprotobuf-lite.dylib
116: 0x0000000191e5e000 - 0x0000000191ea3fff
WirelessDiagnostics (arm64e) <FB19E790-5D48-358B-8E6F-
E973785C9297> (980): /System/Library/PrivateFrameworks/
WirelessDiagnostics.framework/Versions/A/
WirelessDiagnostics
117: 0x0000000191ea4000 - 0x00000001920c4fff Montreal
(arm64e) <9093F0EA-1F40-396D-A5B4-E00B953630A0>
(174.1): /System/Library/PrivateFrameworks/
Montreal.framework/Versions/A/Montreal
118: 0x00000001920c5000 - 0x00000001921bbfff NLP (arm64e)
<583E8BBD-8486-3352-945D-9CA4CF62418B> (233): /System/
Library/PrivateFrameworks/NLP.framework/Versions/A/NLP
119: 0x00000001921bc000 - 0x0000000192582fff CoreData
(arm64e) <11523558-7E57-3AAF-A420-A2C594B09BD9>
(1251.8): /System/Library/Frameworks/CoreData.framework/
Versions/A/CoreData
120: 0x0000000192583000 - 0x000000019259cfff
ProtocolBuffer (arm64e) <461DB96D-76F1-3925-
A47D-00E29B26885B> (294.20.6.7.2): /System/Library/
PrivateFrameworks/ProtocolBuffer.framework/Versions/A/
ProtocolBuffer
121: 0x000000019259d000 - 0x0000000192734fff

libsqlite3.dylib (arm64e) <AB447288-47E6-30D9-BD4C-BDFDAE0CBBC3> (unknown version): /usr/lib/
libsqlite3.dylib
122: 0x0000000192735000 - 0x00000001927b1fff Accounts
(arm64e) <17CA6FC6-1A1E-365C-B958-C9A451CC7759> (113): /
System/Library/Frameworks/Accounts.framework/Versions/A/
Accounts
123: 0x00000001927b2000 - 0x00000001927cbfff
CommonUtilities (arm64e)
<2BB3E769-5E88-35D5-929B-3C427F1506D6> (900): /System/
Library/PrivateFrameworks/CommonUtilities.framework/
Versions/A/CommonUtilities
124: 0x00000001927cc000 - 0x000000019288efff BaseBoard
(arm64e) <33AB8536-D9F3-37AB-848C-324210AE7CB1>
(617.107): /System/Library/PrivateFrameworks/
BaseBoard.framework/Versions/A/BaseBoard
125: 0x000000019288f000 - 0x00000001928edfff
RunningBoardServices (arm64e) <730C301A-
B7CC-3EBD-983A-7A831FC54846> (803.120.4): /System/
Library/PrivateFrameworks/RunningBoardServices.framework/
Versions/A/RunningBoardServices
126: 0x00000001928ee000 - 0x0000000192961ff7 AE (arm64e)
<0AE3F66C-88F0-3ECD-8E6B-A216E1E6AD41> (944): /System/
Library/Frameworks/CoreServices.framework/Versions/A/
Frameworks/AE.framework/Versions/A/AE
127: 0x0000000192962000 - 0x000000019296bffc
libdns_services.dylib (arm64e)
<9FCC45EC-62B5-3B72-83B8-52F2F76F4007> (unknown
version): /usr/lib/libdns_services.dylib
128: 0x000000019296c000 - 0x0000000192974ff3
libsystem_symptoms.dylib (arm64e) <43F054BC-E062-3974-
AB20-08BF7278FA72> (unknown version): /usr/lib/system/
libsystem_symptoms.dylib
129: 0x0000000192975000 - 0x00000001935fcfff Network
(arm64e) <F1F2E245-0785-3DAD-A2E6-93FFCD42FFED> (1): /
System/Library/Frameworks/Network.framework/Versions/A/
Network
130: 0x00000001935fd000 - 0x000000019362afff
CoreAnalytics (arm64e) <C4DA6A43-1FBB-3ED9-
A63C-1F040BF49E35> (1): /System/Library/
PrivateFrameworks/CoreAnalytics.framework/Versions/A/
CoreAnalytics
131: 0x000000019362b000 - 0x000000019362cfff
libDiagnosticMessagesClient.dylib (arm64e)

<7587DA15-06B8-3AEF-AE9A-AEC49EBBDBFD> (unknown
version): /usr/lib/libDiagnosticMessagesClient.dylib
132: 0x000000019362d000 - 0x000000019366efff
MetadataUtilities (arm64e)
<1AE813E2-0A0F-37D4-99A4-7FFD8D80CF79> (2230.24): /
System/Library/PrivateFrameworks/
MetadataUtilities.framework/Versions/A/MetadataUtilities
133: 0x000000019366f000 - 0x0000000193706fff Metadata
(arm64e) <607C1598-0390-32CC-9EEA-D60B5DBB5706>
(2230.24): /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/
Metadata.framework/Versions/A/Metadata
134: 0x0000000193707000 - 0x000000019370ffff
DiskArbitration (arm64e) <3038DDFF-E46A-3C3E-
BCF7-9C7266D151A6> (2.7): /System/Library/Frameworks/
DiskArbitration.framework/Versions/A/DiskArbitration
135: 0x0000000193710000 - 0x0000000193ab8fdf vImage
(arm64e) <4791031C-55BE-3377-BF6B-A4FE85FC95A3> (8.1): /
System/Library/Frameworks/Accelerate.framework/Versions/
A/Frameworks/vImage.framework/Versions/A/vImage
136: 0x0000000193ab9000 - 0x0000000193e36fff QuartzCore
(arm64e) <E4B0AC21-D054-3E61-843B-2474A12160CF>
(1045.17): /System/Library/Frameworks/
QuartzCore.framework/Versions/A/QuartzCore
137: 0x0000000193e37000 - 0x0000000193e88fff
libFontRegistry.dylib (arm64e)
<A086CBD7-9EE0-36AF-96D7-70DF11508CAC> (unknown
version): /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/
ATS.framework/Versions/A/Resources/libFontRegistry.dylib
138: 0x0000000193e89000 - 0x0000000193fcefff CoreUI
(arm64e) <D1A47E15-E5E3-3FAE-A609-F7A07C4435B5> (805): /
System/Library/PrivateFrameworks/CoreUI.framework/
Versions/A/CoreUI
139: 0x0000000193fcf000 - 0x00000001940d6fff ViewBridge
(arm64e) <98067133-39DF-349D-844B-E448EDC88685>
(695.2.2): /System/Library/PrivateFrameworks/
ViewBridge.framework/Versions/A/ViewBridge
140: 0x00000001940d7000 - 0x00000001940e2fff
PerformanceAnalysis (arm64e) <A3D213D7-492B-37B8-9B71-
EEA635AF6821> (332): /System/Library/PrivateFrameworks/
PerformanceAnalysis.framework/Versions/A/
PerformanceAnalysis
141: 0x00000001940e3000 - 0x00000001940f2fff

OpenDirectory (arm64e) <76FEAD4B-B467-3979-A9BA-3CBF75FFB5C6> (237): /System/Library/Frameworks/OpenDirectory.framework/Versions/A/OpenDirectory
142: 0x00000001940f3000 - 0x0000000194112fff
CFOpenDirectory (arm64e) <DFE70D1C-3D4E-302D-A519-676AB78BED62> (237): /System/Library/Frameworks/OpenDirectory.framework/Versions/A/Frameworks/CFOpenDirectory.framework/Versions/A/CFOpenDirectory
143: 0x0000000194113000 - 0x000000019411ffff FSEvents (arm64e) <5FF82D7C-2300-399D-B859-B110523AB171> (1358.100.2): /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/FSEvents.framework/Versions/A/FSEvents
144: 0x0000000194120000 - 0x0000000194149fff
SharedFileList (arm64e) <64586154-4BEF-3C30-A663-488F77F30833> (225): /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SharedFileList.framework/Versions/A/SharedFileList
145: 0x000000019414a000 - 0x0000000194150fff
libapp_launch_measurement.dylib (arm64e) <FD4DB005-1353-3426-B7C1-0914F792A8A5> (unknown version): /usr/lib/libapp_launch_measurement.dylib
146: 0x0000000194151000 - 0x000000019419afff
CoreAutoLayout (arm64e) <9A325922-75C2-3DAC-8C53-EDA9FC75F439> (29.5.1): /System/Library/PrivateFrameworks/CoreAutoLayout.framework/Versions/A/CoreAutoLayout
147: 0x000000019419b000 - 0x0000000194283ffb
libxml2.2.dylib (arm64e) <9147A340-96FB-3F08-80D5-FAF9B4FA7E28> (unknown version): /usr/lib/libxml2.2.dylib
148: 0x0000000194284000 - 0x00000001942e5fff CoreVideo (arm64e) <770E8B4E-C53E-3FB5-BBF0-A8D11FDD528C> (560.1): /System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo
149: 0x00000001942e6000 - 0x00000001942e8ffb loginsupport (arm64e) <00F8C993-6F04-3283-98B8-62B00936E3FE> (3.0): /System/Library/PrivateFrameworks/login.framework/Versions/A/Frameworks/loginsupport.framework/Versions/A/loginsupport
150: 0x00000001942e9000 - 0x0000000194321fff
ApplePushService (arm64e) <810CEB14-F96E-3000-B16A-96FCD27CEE84> (4.0): /System/Library/PrivateFrameworks/ApplePushService.framework/Versions/A/ApplePushService

151: 0x0000000194322000 - 0x000000019434cfff
UserManagement (arm64e) <3C785A3D-493F-3C81-
A282-4DCDA5A56643> (1): /System/Library/
PrivateFrameworks/UserManagement.framework/Versions/A/
UserManagement
152: 0x000000019434d000 - 0x000000019461ffff CloudKit
(arm64e) <8C1DA00F-0340-3182-83D2-DEB7BDCFCB07>
(2060.11): /System/Library/Frameworks/CloudKit.framework/
Versions/A/CloudKit
153: 0x0000000194620000 - 0x00000001946f8fff CloudDocs
(arm64e) <CE24E89E-333E-3D7F-9703-3E0B4332E2C7>
(1553.140.5.0.1): /System/Library/PrivateFrameworks/
CloudDocs.framework/Versions/A/CloudDocs
154: 0x00000001946f9000 - 0x0000000194d41fff CoreML
(arm64e) <C1428D4D-3E77-32BB-9961-DAD961A26EAF>
(1436.140.1.0.1): /System/Library/Frameworks/
CoreML.framework/Versions/A/CoreML
155: 0x0000000194d42000 - 0x0000000195829f3f
libwebRTC.dylib (arm64e) <65475BDD-5FA8-341F-AECA-
EA0CCA3ED6CA> (unknown version): /System/Library/
Frameworks/WebKit.framework/Versions/A/Frameworks/
WebCore.framework/Versions/A/Frameworks/libwebRTC.dylib
156: 0x000000019582a000 - 0x00000001958eefff CoreLocation
(arm64e) <3EA3C5C5-CE17-38E2-8D16-FF878E2717A8>
(2787.0.2): /System/Library/Frameworks/
CoreLocation.framework/Versions/A/CoreLocation
157: 0x00000001958ef000 - 0x0000000195920fff
libsystem_containermanager.dylib (arm64e)
<26EB2B5B-154A-3087-B9F0-F34652785B80> (unknown
version): /usr/lib/system/
libsystem_containermanager.dylib
158: 0x0000000195921000 - 0x0000000195938fff IOSurface
(arm64e) <7EB1F8E9-0A02-37DA-BE5F-FF0E18888A06>
(336.60.1): /System/Library/Frameworks/
IOSurface.framework/Versions/A/IOSurface
159: 0x0000000195939000 - 0x0000000195942fff
IOAccelerator (arm64e) <1179BC04-
F059-3360-8573-788217FED5DF> (475.40.6): /System/Library/
PrivateFrameworks/IOAccelerator.framework/Versions/A/
IOAccelerator
160: 0x0000000195943000 - 0x0000000195b2bfff Metal
(arm64e) <3AE7419B-976D-3ECA-9527-C0FC9D1F3724>
(306.7.4): /System/Library/Frameworks/Metal.framework/
Versions/A/Metal

161: 0x0000000195b2c000 - 0x0000000195b54fff caulk
(arm64e) <F3001B66-8BF6-36A6-80E9-FDA6189C8C4D> (1.0): /
System/Library/PrivateFrameworks/caulk.framework/
Versions/A/caulk
162: 0x0000000195b55000 - 0x0000000195d45fff CoreMedia
(arm64e) <8507B0B4-D0AC-3CEA-B99F-90A1A4213802>
(3030.3.1): /System/Library/Frameworks/
CoreMedia.framework/Versions/A/CoreMedia
163: 0x0000000195d46000 - 0x0000000195eb8fff
libFontParser.dylib (arm64e) <0606C922-6A83-3A40-8A05-
DFB8819C6103> (unknown version): /System/Library/
PrivateFrameworks/FontServices.framework/
libFontParser.dylib
164: 0x0000000195eb9000 - 0x00000001961ecfff HIToolbox
(arm64e) <02B2A6F0-8D5E-351D-805C-E4E1146753F3>
(2.1.1): /System/Library/Frameworks/Carbon.framework/
Versions/A/Frameworks/HIToolbox.framework/Versions/A/
HIToolbox
165: 0x00000001961ed000 - 0x0000000196204fff
DFRFoundation (arm64e) <E04D6502-
D2AB-3302-8EDD-4E4FE6CF9511> (282.1): /System/Library/
PrivateFrameworks/DFRFoundation.framework/Versions/A/
DFRFoundation
166: 0x0000000196205000 - 0x000000019620afff
XCTTargetBootstrap (arm64e) <0722564E-A052-3F11-BD9E-
CA51010644B2> (21772): /System/Library/PrivateFrameworks/
XCTTargetBootstrap.framework/Versions/A/
XCTTargetBootstrap
167: 0x000000019620b000 - 0x0000000196242fff CoreSVG
(arm64e) <DA7870C7-730F-3A24-83A5-33F80195C4CF>
(232.5.1): /System/Library/PrivateFrameworks/
CoreSVG.framework/Versions/A/CoreSVG
168: 0x0000000196243000 - 0x0000000196546fff ImageIO
(arm64e) <F2EC5F37-B984-3D10-8D1A-6E203B0A9ED4>
(2387.7.1): /System/Library/Frameworks/ImageIO.framework/
Versions/A/ImageIO
169: 0x0000000196547000 - 0x00000001968a4fff CoreImage
(arm64e) <C51B3E56-BEF4-3598-9248-BC6036EF7E81>
(1340.9): /System/Library/Frameworks/CoreImage.framework/
Versions/A/CoreImage
170: 0x00000001968a5000 - 0x0000000196920fff MPSCore
(arm64e) <DE7CE729-964B-3A1A-9704-B8EF4351E34E> (1): /
System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/Frameworks/

MPSCore.framework/Versions/A/MPSCore
171: 0x0000000196921000 - 0x0000000196925fff
libsystem_configuration.dylib (arm64e)
<45F673F4-20B4-31BD-9A77-F10EDFA5F355> (unknown
version): /usr/lib/system/libsystem_configuration.dylib
172: 0x0000000196926000 - 0x000000019692bfff
libsystem_sandbox.dylib (arm64e) <3D33F6CD-E140-36F1-
AF53-44ED962085AE> (unknown version): /usr/lib/system/
libsystem_sandbox.dylib
173: 0x000000019692c000 - 0x000000019692dfff
AggregateDictionary (arm64e) <52FA1BE5-2E0C-319D-
A419-360A9BFF0FCF> (1): /System/Library/
PrivateFrameworks/AggregateDictionary.framework/Versions/
A/AggregateDictionary
174: 0x000000019692e000 - 0x0000000196931fff
AppleSystemInfo (arm64e) <CD67E2C3-
DDC1-30FA-9E0C-6D137F27E6D7> (3.1.5): /System/Library/
PrivateFrameworks/AppleSystemInfo.framework/Versions/A/
AppleSystemInfo
175: 0x0000000196932000 - 0x0000000196933fff
liblangid.dylib (arm64e) <80A68E29-8D43-3595-9FAA-
C9AF01A78BB7> (unknown version): /usr/lib/liblangid.dylib
176: 0x0000000196934000 - 0x0000000196a22fff CoreNLP
(arm64e) <E968D8C3-FFF6-3E01-B3A5-15771F0ACADF> (304): /
System/Library/PrivateFrameworks/CoreNLP.framework/
Versions/A/CoreNLP
177: 0x0000000196a23000 - 0x0000000196a28fff
LinguisticData (arm64e) <05C4D9C3-AA83-3628-
BA8C-38CC2CE77A6A> (483.10): /System/Library/
PrivateFrameworks/LinguisticData.framework/Versions/A/
LinguisticData
178: 0x0000000196a29000 - 0x00000001970e3fff
libBNNS.dylib (arm64e) <FA6B86B2-BCD8-3A60-
AECF-6416744992A5> (vecLib 3.11): /System/Library/
Frameworks/Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libBNNS.dylib
179: 0x00000001970e4000 - 0x00000001971d1f87
libvDSP.dylib (arm64e) <C4361EE2-C38C-32A3-
B3F6-0CEEFB2F4674> (vecLib 3.11): /System/Library/
Frameworks/Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libvDSP.dylib
180: 0x00000001971d2000 - 0x00000001971e4fff CoreEmoji
(arm64e) <CB348D1B-F66E-3508-8E01-545D7DE34C8A>
(170.209): /System/Library/PrivateFrameworks/

CoreEmoji.framework/Versions/A/CoreEmoji
181: 0x00000001971e5000 - 0x00000001971f2fff
IOMobileFramebuffer (arm64e) <96D61754-
EFAB-36F3-921B-35BACD737ADD> (343.0.0): /System/Library/
PrivateFrameworks/IOMobileFramebuffer.framework/Versions/
A/IOMobileFramebuffer
182: 0x00000001971f3000 - 0x0000000197270fff CoreWLAN
(arm64e) <4503E6C4-D191-3D09-87D5-327ED2301603> (1657): /
System/Library/Frameworks/CoreWLAN.framework/Versions/A/
CoreWLAN
183: 0x0000000197271000 - 0x00000001973e9fff CoreUtils
(arm64e) <7EEC5CA2-066E-37B8-BBC9-DB2454F80335>
(710.18.2): /System/Library/PrivateFrameworks/
CoreUtils.framework/Versions/A/CoreUtils
184: 0x00000001973ea000 - 0x0000000197411fff MobileKeyBag
(arm64e) <30B70DAD-78AF-3843-8735-58632909658D> (1.0): /
System/Library/PrivateFrameworks/MobileKeyBag.framework/
Versions/A/MobileKeyBag
185: 0x0000000197412000 - 0x000000019741ffff
AssertionServices (arm64e)
<9626775D-2F65-3C28-9A28-81741B4D9A94> (803.120.4): /
System/Library/PrivateFrameworks/
AssertionServices.framework/Versions/A/AssertionServices
186: 0x0000000197420000 - 0x00000001974b1fff
SecurityFoundation (arm64e) <83110E16-4585-3092-AFDF-
DDB292EA5C8D> (55260.100.9): /System/Library/Frameworks/
SecurityFoundation.framework/Versions/A/
SecurityFoundation
187: 0x00000001974b2000 - 0x00000001974d6fff
BackgroundTaskManagement (arm64e) <FC1D412A-
F752-3B9C-8903-DB410189FDAE> (104): /System/Library/
PrivateFrameworks/BackgroundTaskManagement.framework/
Versions/A/BackgroundTaskManagement
188: 0x00000001974d7000 - 0x00000001974e1fff
ServiceManagement (arm64e) <B269EE54-
B192-3143-9E87-060BD974458F> (1): /System/Library/
Frameworks/ServiceManagement.framework/Versions/A/
ServiceManagement
189: 0x00000001974e2000 - 0x00000001974e4fff
libquarantine.dylib (arm64e) <EE6FFE3B-AE7B-3B8D-ADE8-
EE37DC324C55> (unknown version): /usr/lib/system/
libquarantine.dylib
190: 0x00000001974e5000 - 0x00000001974f0fff
libCheckFix.dylib (arm64e) <6E7A1BD5-9990-3AB9-

A089-1C845F05368F> (unknown version): /usr/lib/
libCheckFix.dylib
191: 0x00000001974f1000 - 0x0000000197508fff
libcoretls.dylib (arm64e) <9D4590A2-
E589-36A3-8D22-2C3B81871C02> (unknown version): /usr/lib/
libcoretls.dylib
192: 0x0000000197509000 - 0x000000019751aff3
libbsm.0.dylib (arm64e) <5C1387BE-F621-3B9F-80B0-
A4DBE5105AA9> (unknown version): /usr/lib/libbsm.0.dylib
193: 0x000000019751b000 - 0x0000000197576fff
libmecab.dylib (arm64e) <4D3087BC-A939-3AB6-BC55-
BEE05347D729> (unknown version): /usr/lib/libmecab.dylib
194: 0x0000000197577000 - 0x0000000197579ffb
libgermantok.dylib (arm64e) <1FDD63AB-6D31-3248-
BFAF-1B39074AED9A> (unknown version): /usr/lib/
libgermantok.dylib
195: 0x000000019757a000 - 0x000000019758efff
libLinearAlgebra.dylib (arm64e) <C3955BE0-96D1-34D4-
BA54-88154F161299> (vecLib 3.11): /System/Library/
Frameworks/Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libLinearAlgebra.dylib
196: 0x000000019758f000 - 0x0000000197788fff
MPSNeuralNetwork (arm64e) <4A3291C8-
D7E5-389E-91CF-5970985AA304> (1): /System/Library/
Frameworks/MetalPerformanceShaders.framework/Versions/A/
Frameworks/MPSNeuralNetwork.framework/Versions/A/
MPSNeuralNetwork
197: 0x0000000197789000 - 0x00000001977d9fff
MPSRayIntersector (arm64e) <E0D288B1-4940-3D94-
BF75-9B4BD4935B23> (1): /System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/Frameworks/
MPSRayIntersector.framework/Versions/A/MPSRayIntersector
198: 0x00000001977da000 - 0x0000000197976fff MLCompute
(arm64e) <C6B9D7FE-E739-334B-A71F-0DE5314F90B6> (1): /
System/Library/Frameworks/MLCompute.framework/Versions/A/
MLCompute
199: 0x0000000197977000 - 0x00000001979a5fff MPSMatrix
(arm64e) <D1AAD278-4C38-3866-AED5-1CD58FC4FE4B> (1): /
System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/Frameworks/
MPSMatrix.framework/Versions/A/MPSMatrix
200: 0x00000001979a6000 - 0x0000000197a74fff MPSNDArray
(arm64e) <CD5E31A1-FE0B-3C9A-A869-0C7FAFD03AB4> (1): /
System/Library/Frameworks/

MetalPerformanceShaders.framework/Versions/A/Frameworks/
MPSNDArray.framework/Versions/A/MPSNDArray
201: 0x0000000197a75000 - 0x0000000197afefff MPSImage
(arm64e) <C6D78623-CBB1-3880-8472-DE235DC6F9FB> (1): /
System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/Frameworks/
MPSImage.framework/Versions/A/MPSImage
202: 0x0000000197aff000 - 0x0000000197bc3fef
AppleFSCompression (arm64e) <CC4E3C53-218D-3E11-8263-
FB274965927C> (1.0): /System/Library/PrivateFrameworks/
AppleFSCompression.framework/Versions/A/
AppleFSCompression
203: 0x0000000197bc4000 - 0x0000000197bd0fff
libbz2.1.0.dylib (arm64e) <2DBE0C23-1373-3769-
AB54-44D397AAED41> (unknown version): /usr/lib/
libbz2.1.0.dylib
204: 0x0000000197bd1000 - 0x0000000197bd6fff
libsystem_coreservices.dylib (arm64e) <0D71568F-
D2FA-3CD2-9E87-0585C31DA3E8> (unknown version): /usr/lib/
system/libsystem_coreservices.dylib
205: 0x0000000197bd7000 - 0x0000000197c09fff OSServices
(arm64e) <77150CE1-736B-3966-B030-4EAB53D4AE86>
(1141.1): /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/
OSServices.framework/Versions/A/OSServices
206: 0x0000000197c0a000 - 0x0000000197d76fff AuthKit
(arm64e) <B6E112FB-5E97-3DAE-B675-1854606CF1C1> (1): /
System/Library/PrivateFrameworks/AuthKit.framework/
Versions/A/AuthKit
207: 0x0000000197d77000 - 0x0000000197dbefff
UserNotifications (arm64e) <30821133-F9DB-3AA8-
A042-3FA0C9AC7A99> (1.0): /System/Library/Frameworks/
UserNotifications.framework/Versions/A/UserNotifications
208: 0x0000000197dbf000 - 0x0000000197e92fff
CoreSpotlight (arm64e) <CBC68AB8-5AF8-3059-84E6-
DD257FA8BB56> (2230.24): /System/Library/Frameworks/
CoreSpotlight.framework/Versions/A/CoreSpotlight
209: 0x0000000197e93000 - 0x0000000197ea4fff libz.1.dylib
(arm64e) <5EBBC515-34F1-3A95-B963-69052AF36396> (unknown
version): /usr/lib/libz.1.dylib
210: 0x0000000197ea5000 - 0x0000000197edbfef
libsystem_m.dylib (arm64e) <B0244DAD-A2F1-330A-910A-
F1FEDE2A7777> (unknown version): /usr/lib/system/
libsystem_m.dylib

211: 0x0000000197edc000 - 0x0000000197edcfff
libcharset.1.dylib (arm64e) <CCC1A1F5-AA69-321E-9F97-071E0E1B313A> (unknown version): /usr/lib/
libcharset.1.dylib
212: 0x0000000197edd000 - 0x0000000197ee2ffb
libmacho.dylib (arm64e)
<45525F3F-54F2-37DA-9830-358809313235> (unknown
version): /usr/lib/system/libmacho.dylib
213: 0x0000000197ee3000 - 0x0000000197f02fff
libkxld.dylib (arm64e) <0E41E18F-2A34-35A5-BCD5-6D4199B0BC3B> (unknown version): /usr/lib/system/
libkxld.dylib
214: 0x0000000197f03000 - 0x0000000197f10fff
libcommonCrypto.dylib (arm64e)
<8455E979-36FA-3686-9944-4213F52C4040> (unknown
version): /usr/lib/system/libcommonCrypto.dylib
215: 0x0000000197f11000 - 0x0000000197f1bfff
libunwind.dylib (arm64e)
<F10C5B1C-4B40-3DDE-8AC3-38B4E01A674F> (unknown
version): /usr/lib/system/libunwind.dylib
216: 0x0000000197f1c000 - 0x0000000197f23ffb liboah.dylib
(arm64e) <AF6B228E-26B1-32B8-82EF-B4D72EB8E79C> (unknown
version): /usr/lib/liboah.dylib
217: 0x0000000197f24000 - 0x0000000197f2dff7
libcopyfile.dylib (arm64e) <E2CADFE9-EA7B-3AB2-9162-A9D1777AD8DB> (unknown version): /usr/lib/system/
libcopyfile.dylib
218: 0x0000000197f2e000 - 0x0000000197f31fff
libcompiler_rt.dylib (arm64e)
<DDCD2226-93A5-324C-853D-5CDFECC21E45> (unknown
version): /usr/lib/system/libcompiler_rt.dylib
219: 0x0000000197f32000 - 0x0000000197f36fff
libsystem_collections.dylib (arm64e) <0FD1E086-125E-3F0C-AA7B-D2E17633FFF9> (unknown version): /usr/lib/system/
libsystem_collections.dylib
220: 0x0000000197f37000 - 0x0000000197f39ffb
libsystem_secinit.dylib (arm64e) <FEED0B5D-51F9-34E4-A9C7-922C38BDEC5A> (unknown version): /usr/lib/system/
libsystem_secinit.dylib
221: 0x0000000197f3a000 - 0x0000000197f3cffb
libremovefile.dylib (arm64e) <1676275A-62D9-3B0E-829D-C069BC60B76A> (unknown version): /usr/lib/system/
libremovefile.dylib
222: 0x0000000197f3d000 - 0x0000000197f3dfffb

libkeymgr.dylib (arm64e) <BB4E667D-25B4-3AC1-B1C8-5A1C4717BE95> (unknown version): /usr/lib/system/libkeymgr.dylib
223: 0x0000000197f3e000 - 0x0000000197f46fff
libsystem_dnssd.dylib (arm64e) <0177153A-D45C-34AD-8F8E-1AAACB3F3D43> (unknown version): /usr/lib/system/libsystem_dnssd.dylib
224: 0x0000000197f47000 - 0x0000000197f4cfff
libcache.dylib (arm64e) <B04438DD-E258-3C7E-8105-C65E23880964> (unknown version): /usr/lib/system/libcache.dylib
225: 0x0000000197f4d000 - 0x0000000197f4efff
libSystem.B.dylib (arm64e) <A481041E-985D-3604-BC62-E36D1C4E1372> (unknown version): /usr/lib/libSystem.B.dylib
226: 0x0000000197f4f000 - 0x0000000197f52fff
libfakelink.dylib (arm64e) <1845898B-734F-315E-AA03-FF6034A79981> (unknown version): /usr/lib/libfakelink.dylib
227: 0x0000000197f53000 - 0x0000000197f53ffb SoftLinking (arm64e) <0AEFBBD5-7793-3B81-9C16-83DEA2DAD792> (46): /System/Library/PrivateFrameworks/SoftLinking.framework/Versions/A/SoftLinking
228: 0x0000000197f54000 - 0x0000000197f88fff
libpcap.A.dylib (arm64e) <E0E47FD3-5CEE-3EFC-A16B-9107F5EB3653> (unknown version): /usr/lib/libpcap.A.dylib
229: 0x0000000197f89000 - 0x000000019807afff
libiconv.2.dylib (arm64e) <A8F077FB-C4EE-309B-BCC5-C736B6E28CB2> (unknown version): /usr/lib/libiconv.2.dylib
230: 0x000000019807b000 - 0x000000019808cfff
libcmph.dylib (arm64e) <B5619052-F184-3D8A-A00E-867E6C30D31C> (unknown version): /usr/lib/libcmph.dylib
231: 0x000000019808d000 - 0x0000000198114ffb
libarchive.2.dylib (arm64e) <C01705A8-1881-3BB7-A4D6-1047798F8953> (unknown version): /usr/lib/libarchive.2.dylib
232: 0x0000000198115000 - 0x000000019818bff3 SearchKit (arm64e) <A23136CE-541C-3E49-B355-70D753E32378> (1.4.1): /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/Versions/A/SearchKit

233: 0x000000019818c000 - 0x000000019818dff7
libThaiTokenizer.dylib (arm64e) <3F550E84-7668-36B5-A6AF-006F94A69118> (unknown version): /usr/lib/
libThaiTokenizer.dylib
234: 0x000000019818e000 - 0x00000001981b2ff7 AppleSauce
(arm64e) <CE210D90-F0EC-3D94-91DD-B6D92ED061ED> (1.0): /
System/Library/PrivateFrameworks/AppleSauce.framework/
Versions/A/AppleSauce
235: 0x00000001981b3000 - 0x00000001981cdfb
libapple_nghttp2.dylib (arm64e)
<8640719A-4960-3199-9196-8362D91A7232> (unknown
version): /usr/lib/libapple_nghttp2.dylib
236: 0x00000001981ce000 - 0x00000001981e0ff7
libSparseBLAS.dylib (arm64e) <971D6042-D3AE-3C64-A28E-
DDCC9F108B62> (vecLib 3.11): /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libSparseBLAS.dylib
237: 0x00000001981e1000 - 0x00000001981e2fff
MetalPerformanceShaders (arm64e) <649724DC-114A-3494-
ACA7-41573521A107> (1): /System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/
MetalPerformanceShaders
238: 0x00000001981e3000 - 0x00000001981e8fff
libpam.2.dylib (arm64e)
<4B68892F-69C8-384F-9897-9CE5324F14B7> (unknown
version): /usr/lib/libpam.2.dylib
239: 0x00000001981e9000 - 0x00000001982b8fdf
libcompression.dylib (arm64e) <5754E62B-CF46-3C47-BC13-
DC231CA7F86B> (unknown version): /usr/lib/
libcompression.dylib
240: 0x00000001982b9000 - 0x00000001982bdffb
libQuadrature.dylib (arm64e) <A7E971A8-1A2E-3DB0-B265-
BE26BA175364> (vecLib 3.11): /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libQuadrature.dylib
241: 0x00000001982be000 - 0x00000001993ddfe7
libLAPACK.dylib (arm64e) <2C6D4F7F-EA89-32E4-
A233-1B0137C117C9> (vecLib 3.11): /System/Library/
Frameworks/Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libLAPACK.dylib
242: 0x00000001993de000 - 0x0000000199434fff
DictionaryServices (arm64e) <C982B5C8-F581-31C9-B120-
CD6CEDB55EF0> (355): /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/

DictionaryServices.framework/Versions/A/
DictionaryServices
243: 0x00000001199435000 - 0x0000000119944dffb
liblzma.5.dylib (arm64e)
<74E42B0E-3EA5-3864-8EFB-11AFAC20E184> (unknown
version): /usr/lib/liblzma.5.dylib
244: 0x0000000119944e000 - 0x0000000119944ffffb
libcoretls_cfhelpers.dylib (arm64e)
<82701E9E-95E5-38D5-8E1C-44A5EA5CDE86> (unknown
version): /usr/lib/libcoretls_cfhelpers.dylib
245: 0x00000001199450000 - 0x000000011994b9ffb APFS
(arm64e) <E8952A9D-F1D4-36B5-9E35-790032FC92C6>
(2142.140.2): /System/Library/PrivateFrameworks/
APFS.framework/Versions/A/APFS
246: 0x000000011994ba000 - 0x000000011994c8ffb
libxar.1.dylib (arm64e) <B5D4130F-DEC5-3513-
B49B-6BB955E0A3C2> (unknown version): /usr/lib/
libxar.1.dylib
247: 0x000000011994c9000 - 0x000000011994ccffb
libutil.dylib (arm64e) <EA558870-4515-3935-
B339-7C0A1E7EB0DE> (unknown version): /usr/lib/
libutil.dylib
248: 0x000000011994cd000 - 0x000000011994f7ffb
libxslt.1.dylib (arm64e) <20C256D5-EC0C-34B3-8E8B-
AE6CB4EBA86C> (unknown version): /usr/lib/libxslt.1.dylib
249: 0x000000011994f8000 - 0x000000011994ffff7
libChineseTokenizer.dylib (arm64e) <1E3D5D23-66D8-3E7F-
B813-42310A4E8255> (unknown version): /usr/lib/
libChineseTokenizer.dylib
250: 0x00000001199500000 - 0x0000000119957bfef
libvMisc.dylib (arm64e) <653BA435-6DBE-3053-9F1B-
F2E75D369287> (vecLib 3.11): /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libvMisc.dylib
251: 0x0000000119957c000 - 0x00000001199610fff libate.dylib
(arm64e) <ADB938AE-0CBE-3D9A-A9DB-C8792A411375> (unknown
version): /usr/lib/libate.dylib
252: 0x00000001199611000 - 0x00000001199619ffb
libIOReport.dylib (arm64e) <17BC6F0C-BA31-3BFA-A646-
B255305D8E4F> (unknown version): /usr/lib/
libIOReport.dylib
253: 0x0000000119961a000 - 0x0000000119962dfff
CrashReporterSupport (arm64e) <AC3584D6-6CF3-3F89-AA73-
D1B5D75C8A16> (15110): /System/Library/PrivateFrameworks/

CrashReporterSupport.framework/Versions/A/
CrashReporterSupport
254: 0x000000019962e000 - 0x000000019964cfff AppSSOCore
(arm64e) <E0EDD6C4-7FCC-36C6-A1EE-D8E28887EE85> (1): /
System/Library/PrivateFrameworks/AppSSOCore.framework/
Versions/A/AppSSOCore
255: 0x000000019964d000 - 0x0000000199734fff CVNLP
(arm64e) <AAFD1CE8-38F1-3F01-AB85-4A63E847B4B3> (119): /
System/Library/PrivateFrameworks/CVNLP.framework/
Versions/A/CVNLP
256: 0x0000000199735000 - 0x0000000199758fff
SharedWebCredentials (arm64e) <CD64C0AF-A38D-30BA-BA51-
AC376C6856E5> (1006.2): /System/Library/
PrivateFrameworks/SharedWebCredentials.framework/
Versions/A/SharedWebCredentials
257: 0x0000000199759000 - 0x0000000199795fff PlugInKit
(arm64e) <486191A3-92DE-3938-B7EC-1263836D2453> (1): /
System/Library/PrivateFrameworks/PlugInKit.framework/
Versions/A/PlugInKit
258: 0x0000000199796000 - 0x000000019979dffb
libMatch.1.dylib (arm64e) <5E28FDB7-DED5-3626-87CF-
F709B7212A00> (unknown version): /usr/lib/
libMatch.1.dylib
259: 0x000000019979e000 - 0x0000000199821ffb
libCoreStorage.dylib (arm64e) <DE3297B0-7A31-368D-
A3AC-703182DBC5E7> (unknown version): /usr/lib/
libCoreStorage.dylib
260: 0x0000000199822000 - 0x000000019986dff3 AppleVA
(arm64e) <02E8D492-8042-34D5-80FA-D10BA209EA03>
(6.1.3): /System/Library/PrivateFrameworks/
AppleVA.framework/Versions/A/AppleVA
261: 0x000000019986e000 - 0x0000000199888fff
libexpat.1.dylib (arm64e) <F7A7DB46-
AE26-38E7-801E-40B31C6B8E1B> (unknown version): /usr/lib/
libexpat.1.dylib
262: 0x0000000199889000 - 0x0000000199893fff libheimdal-
asn1.dylib (arm64e)
<AF914535-7C54-339B-87FB-1C0722403BE2> (unknown
version): /usr/lib/libheimdal-asn1.dylib
263: 0x0000000199894000 - 0x00000001998aefff
IconFoundation (arm64e) <FD97387A-4F90-336E-
BDDC-402B21EA3AC4> (552): /System/Library/
PrivateFrameworks/IconFoundation.framework/Versions/A/
IconFoundation

264: 0x00000001998af000 - 0x0000000199923fff IconServices
(arm64e) <43E08174-7991-32C4-ABA3-CDA11648FE5D> (552): /
System/Library/PrivateFrameworks/IconServices.framework/
Versions/A/IconServices

265: 0x0000000199924000 - 0x00000001999c8fff
MediaExperience (arm64e) <ACA5A884-
AF3D-3846-9F64-4662E85DF2C0> (1): /System/Library/
PrivateFrameworks/MediaExperience.framework/Versions/A/
MediaExperience

266: 0x00000001999c9000 - 0x00000001999f3fff
PersistentConnection (arm64e)
<8B5694A4-9B13-372E-8697-06CC5D2012DB> (1.0): /System/
Library/PrivateFrameworks/PersistentConnection.framework/
Versions/A/PersistentConnection

267: 0x00000001999f4000 - 0x00000001999fffff
GraphVisualizer (arm64e) <01AC47C2-F3C5-356A-
A979-37B3AA154D4E> (100.1): /System/Library/
PrivateFrameworks/GraphVisualizer.framework/Versions/A/
GraphVisualizer

268: 0x0000000199e14000 - 0x0000000199e55fff OTSVG
(arm64e) <C16F328B-256E-3889-8B91-54B366D4B654> (1.0): /
System/Library/PrivateFrameworks/OTSVG.framework/
Versions/A/OTSVG

269: 0x0000000199e56000 - 0x0000000199e5ffff
AppServerSupport (arm64e) <6954ED90-20EC-3715-882E-
D8DB9E2B891A> (2462.140.2): /System/Library/
PrivateFrameworks/AppServerSupport.framework/Versions/A/
AppServerSupport

270: 0x0000000199e60000 - 0x0000000199e6afff libhvf.dylib
(arm64e) <35A2C001-8F52-3DA6-AA69-2B06356626FA> (unknown
version): /System/Library/PrivateFrameworks/
FontServices.framework/libhvf.dylib

271: 0x0000000199e6b000 - 0x0000000199e6ffff
libspindump.dylib (arm64e) <55A41889-6E43-384F-
BC95-5555B41BA211> (unknown version): /usr/lib/
libspindump.dylib

272: 0x0000000199e70000 - 0x0000000199f42fff Heimdal
(arm64e) <D1B036E2-F05F-34A2-A23E-55FE36A3EFE7> (2.0): /
System/Library/PrivateFrameworks/Heimdal.framework/
Versions/A/Heimdal

273: 0x0000000199f43000 - 0x0000000199f62fff login
(arm64e) <2E5CE829-D975-393C-929B-DE282814B641> (3.0): /
System/Library/PrivateFrameworks/login.framework/
Versions/A/login

274: 0x0000000199f63000 - 0x000000019a059fff
CoreBrightness (arm64e) <736F300F-B4AE-32A4-8431-97C7E4F7E522> (1): /System/Library/PrivateFrameworks/CoreBrightness.framework/Versions/A/CoreBrightness
275: 0x000000019a05a000 - 0x000000019a101fff Backup
(arm64e) <0AE4EF41-302C-344C-BB0B-3054FB346A9B> (1564.6.2): /System/Library/PrivateFrameworks/Backup.framework/Versions/A/Backup
276: 0x000000019a102000 - 0x000000019a105fff
libodfde.dylib (arm64e) <61D3A463-9862-3119-AECC-8698715AEC41> (unknown version): /usr/lib/libodfde.dylib
277: 0x000000019a106000 - 0x000000019a170ff3 Bom (arm64e) <72E21E64-6C19-328B-AD4F-2F64EB6D489B> (244.1): /System/Library/PrivateFrameworks/Bom.framework/Versions/A/Bom
278: 0x000000019a171000 - 0x000000019a1b6ffb AppleJPEG
(arm64e) <885BAD98-AFA7-339C-B065-F7DBC786392C> (1): /System/Library/PrivateFrameworks/AppleJPEG.framework/Versions/A/AppleJPEG
279: 0x000000019a1b7000 - 0x000000019a2a7ff7 libJP2.dylib
(arm64e) <6E5D7929-2426-3CCF-AB4C-6A03151E0CEE> (unknown version): /System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJP2.dylib
280: 0x000000019a2a8000 - 0x000000019a2abfff
WatchdogClient (arm64e) <29061A34-CF44-3E30-8CA7-99EEDF695F5B> (222.100.6): /System/Library/PrivateFrameworks/WatchdogClient.framework/Versions/A/WatchdogClient
281: 0x000000019a2ac000 - 0x000000019a2e8fff
MultitouchSupport (arm64e) <90B4C250-4C6D-39D8-BFB1-28F04B30855F> (6440.7): /System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport
282: 0x000000019a2e9000 - 0x000000019a780fff VideoToolbox
(arm64e) <C53B473B-A3EE-35A2-BF12-3A12E83315A5> (3030.3.1): /System/Library/Frameworks/VideoToolbox.framework/Versions/A/VideoToolbox
283: 0x000000019a781000 - 0x000000019a7b3fff
libAudioToolboxUtility.dylib (arm64e) <F6D29B79-FD99-3011-A24D-848B05E1A557> (unknown version): /usr/lib/libAudioToolboxUtility.dylib
284: 0x000000019a7b4000 - 0x000000019a7defff libPng.dylib
(arm64e) <EE9082F6-114A-3FDE-B8A8-F882247DA9F4> (unknown

version): /System/Library/Frameworks/ImageIO.framework/
Versions/A/Resources/libPng.dylib
285: 0x000000019a7df000 - 0x000000019a83dffb
libTIFF.dylib (arm64e) <DCE95B2B-3FCB-3A78-9D6C-
D7A0BE5BF288> (unknown version): /System/Library/
Frameworks/ImageIO.framework/Versions/A/Resources/
libTIFF.dylib
286: 0x000000019a83e000 - 0x000000019a85dfff
IOPresentment (arm64e) <07893710-744D-3BFD-
A4C7-866B8BB97DAB> (37): /System/Library/
PrivateFrameworks/IOPresentment.framework/Versions/A/
IOPresentment
287: 0x000000019a85e000 - 0x000000019a862fff GPUWrangler
(arm64e) <51959D5A-57E0-3D5E-B167-5892863822EB>
(7.1.18): /System/Library/PrivateFrameworks/
GPUWrangler.framework/Versions/A/GPUWrangler
288: 0x000000019a863000 - 0x000000019a865fff
libRadiance.dylib (arm64e) <2D5028E9-D3B3-3511-90AA-
D2BC78378B64> (unknown version): /System/Library/
Frameworks/ImageIO.framework/Versions/A/Resources/
libRadiance.dylib
289: 0x000000019a866000 - 0x000000019a86bffb
DSEExternalDisplay (arm64e) <782D7DA4-9261-3060-
B9DA-8266DADD9C20> (380): /System/Library/
PrivateFrameworks/DSEExternalDisplay.framework/Versions/A/
DSEExternalDisplay
290: 0x000000019a86c000 - 0x000000019a896fc7
libJPEG.dylib (arm64e)
<23D97B85-33FB-34CA-9FA0-351200801BB4> (unknown
version): /System/Library/Frameworks/ImageIO.framework/
Versions/A/Resources/libJPEG.dylib
291: 0x000000019a897000 - 0x000000019a8c6ffb ATSUI
(arm64e) <AA376402-023C-3FED-84C8-FDD02D9DA830> (1): /
System/Library/Frameworks/ApplicationServices.framework/
Versions/A/Frameworks/ATSUI.framework/Versions/A/ATSUI
292: 0x000000019a8c7000 - 0x000000019a8ccffb libGIF.dylib
(arm64e) <BAC6C9CA-7204-3E4B-B6E5-E7C0BEA39A32> (unknown
version): /System/Library/Frameworks/ImageIO.framework/
Versions/A/Resources/libGIF.dylib
293: 0x000000019a8cd000 - 0x000000019a8d8fff
CMCaptureCore (arm64e) <61CBC9CF-BE51-348E-B5B6-
CC98F145EE12> (331.4): /System/Library/PrivateFrameworks/
CMCaptureCore.framework/Versions/A/CMCaptureCore
294: 0x000000019a8d9000 - 0x000000019a950fff PrintCore

(arm64e) <F8446953-FD72-3ABC-A2BA-3B90428344F3>
(572.1): /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/
PrintCore.framework/Versions/A/PrintCore
295: 0x000000019a951000 - 0x000000019a9f5fff TextureIO
(arm64e) <4E2A9152-8125-38CB-998F-19E329F02EB9>
(3.10.10): /System/Library/PrivateFrameworks/
TextureIO.framework/Versions/A/TextureIO
296: 0x000000019a9f6000 - 0x000000019aa00fff
InternationalSupport (arm64e) <F9692434-D029-378E-
A500-7EFD1D9B44BA> (74): /System/Library/
PrivateFrameworks/InternationalSupport.framework/
Versions/A/InternationalSupport
297: 0x000000019aa01000 - 0x000000019aa7cfff
DataDetectorsCore (arm64e) <B7D6EFBC-DC9F-321D-BCF5-
C8EE8D23506B> (727.0): /System/Library/PrivateFrameworks/
DataDetectorsCore.framework/Versions/A/DataDetectorsCore
298: 0x000000019aa7d000 - 0x000000019aae8fff UserActivity
(arm64e) <49DAD562-E8AF-3443-B868-ECD2F43CAFB0> (551): /
System/Library/PrivateFrameworks/UserActivity.framework/
Versions/A/UserActivity
299: 0x000000019aae9000 - 0x000000019b748fff MediaToolbox
(arm64e) <28B6312D-FE1F-384E-BB2D-E194A38236A6>
(3030.3.1): /System/Library/Frameworks/
MediaToolbox.framework/Versions/A/MediaToolbox
300: 0x000000019b749000 - 0x000000019b7b3fff
libusrtcp.dylib (arm64e) <F3E6D5F3-1055-33FD-
A687-5DDEDD87A1F7> (unknown version): /usr/lib/
libusrtcp.dylib
301: 0x000000019b7b4000 - 0x000000019bcecff
libswiftCore.dylib (arm64e) <7F8A7A99-922F-332C-
B8B4-4428BF68AF47> (unknown version): /usr/lib/swift/
libswiftCore.dylib
302: 0x000000019bced000 - 0x000000019bd65fff IMFoundation
(arm64e) <EDCA9F5A-41BE-3C50-BD88-D11D292FFBB2> (1000): /
System/Library/PrivateFrameworks/IMFoundation.framework/
Versions/A/IMFoundation
303: 0x000000019bd66000 - 0x000000019bd9afff
LocationSupport (arm64e) <8B9FCE97-F296-3AE4-9596-
A0DE2CA01C82> (2787.0.2): /System/Library/
PrivateFrameworks/LocationSupport.framework/Versions/A/
LocationSupport
304: 0x000000019bd9b000 - 0x000000019bdd4fff
libSessionUtility.dylib (arm64e)

<5633F1B9-6CA0-3CDD-97F4-CC6B5B551E83> (unknown version): /System/Library/PrivateFrameworks/AudioSession.framework/libSessionUtility.dylib
305: 0x000000019bdd5000 - 0x000000019befafff AudioToolbox (arm64e) <47830E7D-BB6C-3D1D-AE5D-34094275340A> (1.14): /System/Library/Frameworks/AudioToolbox.framework/Versions/A/AudioToolbox
306: 0x000000019befb000 - 0x000000019bf6efff AudioSession (arm64e) <DC7F0BBA-8CC6-3B2C-B65C-ADFCE888D992> (1.0): /System/Library/PrivateFrameworks/AudioSession.framework/Versions/A/AudioSession
307: 0x000000019bf6f000 - 0x000000019bf82fff libAudioStatistics.dylib (arm64e) <BFF3610D-4CA3-36A8-A1BF-13E720136A00> (unknown version): /usr/lib/libAudioStatistics.dylib
308: 0x000000019bf83000 - 0x000000019bfaefff SpeechSynthesis (arm64e) <6F76B960-8E9E-31E7-B63D-B1E84D812551> (9.2.22): /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/SpeechSynthesis.framework/Versions/A/SpeechSynthesis
309: 0x000000019bfaf000 - 0x000000019c020ff7 ATS (arm64e) <1D8C6829-2375-329C-B2CB-ABA2192C8329> (377): /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/ATS
310: 0x000000019c021000 - 0x000000019c039fff libresolv.9.dylib (arm64e) <0570B00B-22EC-36CB-9BC9-F86BB593BDA7> (unknown version): /usr/lib/libresolv.9.dylib
311: 0x000000019c03a000 - 0x000000019c04dfff libsasl2.2.dylib (arm64e) <E1070B99-0FEF-3DDD-8101-5262CD146B0C> (unknown version): /usr/lib/libsasl2.2.dylib
312: 0x000000019c04e000 - 0x000000019c05dfff MultiverseSupport (arm64e) <B548258E-C275-368D-A2BC-E353DEF798DE> (114): /System/Library/PrivateFrameworks/MultiverseSupport.framework/Versions/A/MultiverseSupport
313: 0x000000019c05e000 - 0x000000019c0c5fd7 libParallelCompression.dylib (arm64e) <8B500F3B-DF79-33F4-B0FC-38DC2949D3AF> (unknown version): /usr/lib/libParallelCompression.dylib
314: 0x000000019c0c6000 - 0x000000019c0fdfff SecurityInterface (arm64e) <DEEE932E-D936-31EF-BA9C-00D8AB05F09D> (55164.120.2.0.1): /System/Library/Frameworks/SecurityInterface.framework/Versions/A/

SecurityInterface

315: 0x000000019c0fe000 - 0x000000019c11dfff CoreFollowUp
(arm64e) <DFA1B67D-97D3-364D-BB64-EDAFF931DE68> (1): /
System/Library/PrivateFrameworks/CoreFollowUp.framework/
Versions/A/CoreFollowUp

316: 0x000000019c11e000 - 0x000000019c20efff CoreMediaIO
(arm64e) <F51A5E1F-8A47-378C-9486-E7FEE3A2F7DF>
(5430.15.2): /System/Library/Frameworks/
CoreMediaIO.framework/Versions/A/CoreMediaIO

317: 0x000000019c20f000 - 0x000000019c2eefff libSMC.dylib
(arm64e) <B817DAF2-8D1D-354D-8C75-C259BE3FC2A6> (unknown
version): /usr/lib/libSMC.dylib

318: 0x000000019c2ef000 - 0x000000019c34eff3
libcups.2.dylib (arm64e) <FF2FCB80-606E-3442-
B3BA-2864483AB3AF> (unknown version): /usr/lib/
libcups.2.dylib

319: 0x000000019c34f000 - 0x000000019c35bffb NetAuth
(arm64e) <9F479752-BEA6-32A0-AD77-381DE7B7C050> (6.2): /
System/Library/PrivateFrameworks/NetAuth.framework/
Versions/A/NetAuth

320: 0x000000019c35c000 - 0x000000019c367fff
ColorSyncLegacy (arm64e) <5E5F242D-7BB1-306C-B35F-
A360753DD51E> (1): /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/
ColorSyncLegacy.framework/Versions/A/ColorSyncLegacy

321: 0x000000019c368000 - 0x000000019c373ffb QD (arm64e)
<B74BD5A5-DC3F-3D2F-A135-61FBFA8E9EE4> (451): /System/
Library/Frameworks/ApplicationServices.framework/
Versions/A/Frameworks/QD.framework/Versions/A/QD

322: 0x000000019c374000 - 0x000000019c6b7fff
AudioResourceArbitration (arm64e) <3CFF4BCE-
D1E7-3D27-9687-152CDBBDF940> (1): /System/Library/
PrivateFrameworks/AudioResourceArbitration.framework/
Versions/A/AudioResourceArbitration

323: 0x000000019c6b8000 - 0x000000019c6c5fff perfdata
(arm64e) <5EC9F00C-13E3-3747-8B6A-CF46A07E40E4> (108): /
System/Library/PrivateFrameworks/perfdata.framework/
Versions/A/perfdata

324: 0x000000019c6c6000 - 0x000000019c6d3fff
libperfcheck.dylib (arm64e) <A79C0D68-553E-3D9E-
A6FC-416B851DD467> (unknown version): /usr/lib/
libperfcheck.dylib

325: 0x000000019c6d4000 - 0x000000019c6e4fff Kerberos
(arm64e) <A685DB49-C277-3A44-AD55-515BB9CAA725> (1): /

System/Library/Frameworks/Kerberos.framework/Versions/A/
Kerberos
326: 0x000000019c6e5000 - 0x000000019c73cfff GSS (arm64e)
<7C44A486-CBB8-361E-9B8F-64E2D297D86D> (2.0): /System/
Library/Frameworks/GSS.framework/Versions/A/GSS
327: 0x000000019c73d000 - 0x000000019c74ffff CommonAuth
(arm64e) <0BBDEA04-0EF8-31C2-B08F-B67B47AE1D1C> (2.0): /
System/Library/PrivateFrameworks/CommonAuth.framework/
Versions/A/CommonAuth
328: 0x000000019c750000 - 0x000000019c7c9fff MobileAsset
(arm64e) <FFABD44F-D475-3D8B-981D-09D982CF09B6>
(868.140.8): /System/Library/PrivateFrameworks/
MobileAsset.framework/Versions/A/MobileAsset
329: 0x000000019c7ca000 - 0x000000019c812fff CacheDelete
(arm64e) <82586B6B-A277-3947-BC50-E385AD8175C7> (1): /
System/Library/PrivateFrameworks/CacheDelete.framework/
Versions/A/CacheDelete
330: 0x000000019c813000 - 0x000000019c83afff
KeychainCircle (arm64e) <7976E0AB-E2D4-3493-9BD1-
DA3A2E113E86> (1): /System/Library/PrivateFrameworks/
KeychainCircle.framework/Versions/A/KeychainCircle
331: 0x000000019c83b000 - 0x000000019c844fff
CorePhoneNumbers (arm64e) <5E471E5E-93A9-31FC-
AC58-246BFF468E02> (1): /System/Library/
PrivateFrameworks/CorePhoneNumbers.framework/Versions/A/
CorePhoneNumbers
332: 0x000000019c845000 - 0x000000019c8d0fff
libTelephonyUtilDynamic.dylib (arm64e)
<B5031EA4-7960-3904-B551-8691DB3BCBF2> (unknown
version): /usr/lib/libTelephonyUtilDynamic.dylib
333: 0x000000019cd54000 - 0x000000019cf7afff
NetworkExtension (arm64e) <64CE31DB-9D60-310E-
A4E6-8579EB3057E5> (1): /System/Library/Frameworks/
NetworkExtension.framework/Versions/A/NetworkExtension
334: 0x000000019cf7b000 - 0x000000019d101fff IDS (arm64e)
<8BF8BF69-D025-3A5B-8188-97529B429BA7> (1000): /System/
Library/PrivateFrameworks/IDS.framework/Versions/A/IDS
335: 0x000000019d102000 - 0x000000019d327fff
IDSFoundation (arm64e) <B79BAC67-18B4-387C-
A8E6-1F1A36AE7814> (1000): /System/Library/
PrivateFrameworks/IDSFoundation.framework/Versions/A/
IDSFoundation
336: 0x000000019d328000 - 0x000000019d4b4fff Sharing
(arm64e) <AB5D7B12-87BA-31C5-828F-425FC4699632> (1887): /

System/Library/PrivateFrameworks/Sharing.framework/
Versions/A/Sharing
337: 0x000000019d4b5000 - 0x000000019d574fff IOBluetooth
(arm64e) <0181E2E6-6E71-30F9-8E1A-887C19255CA8> (1): /
System/Library/Frameworks/IOBluetooth.framework/Versions/
A/IOBluetooth
338: 0x000000019d575000 - 0x000000019d589fff AppContainer
(arm64e) <BCBC2891-FD7C-3BF3-B719-12340C2F1316>
(621.140.1): /System/Library/PrivateFrameworks/
AppContainer.framework/Versions/A/AppContainer
339: 0x000000019d58a000 - 0x000000019d58dfff
SecCodeWrapper (arm64e) <67311C90-B8AB-3C2E-8148-
DDEDC8757B87> (621.140.1): /System/Library/
PrivateFrameworks/SecCodeWrapper.framework/Versions/A/
SecCodeWrapper
340: 0x000000019d58e000 - 0x000000019d5eafff
ProtectedCloudStorage (arm64e) <E18A6B57-2E39-3033-8139-
EF9CC64D537F> (1): /System/Library/PrivateFrameworks/
ProtectedCloudStorage.framework/Versions/A/
ProtectedCloudStorage
341: 0x000000019d5eb000 - 0x000000019d656fff QuickLook
(arm64e) <95351D29-6AA5-35CE-92D8-83AB8376C136>
(965.6): /System/Library/Frameworks/QuickLook.framework/
Versions/A/QuickLook
342: 0x000000019d657000 - 0x000000019d676fff MetalKit
(arm64e) <77012319-91FE-3EC4-B8EF-0DDF2AB5585E> (159): /
System/Library/Frameworks/MetalKit.framework/Versions/A/
MetalKit
343: 0x000000019d677000 - 0x000000019d67bfff
libxcselect.dylib (arm64e) <90313A10-9E51-319C-
BB30-43212F4787CC> (unknown version): /usr/lib/
libxcselect.dylib
344: 0x000000019d6fc000 - 0x000000019d702fff
libdscsym.dylib (arm64e) <79AEF728-7661-3DD2-A129-
DE1E61B883E0> (unknown version): /usr/lib/libdscsym.dylib
345: 0x000000019d703000 - 0x000000019d84dfff Combine
(arm64e) <ADC89670-E0F6-326A-8749-CF647743B286> (310): /
System/Library/Frameworks/Combine.framework/Versions/A/
Combine
346: 0x000000019d84e000 - 0x000000019f391fff GeoServices
(arm64e) <8D917C5B-9033-3032-8E32-0071C6D8E3C8>
(1889.26.4.20.2): /System/Library/PrivateFrameworks/
GeoServices.framework/Versions/A/GeoServices
347: 0x000000019f392000 - 0x000000019f39dfff

DirectoryService (arm64e)
<0F5B7999-0EDD-3B69-9509-2C8FB3E718A6> (237): /System/
Library/Frameworks/DirectoryService.framework/Versions/A/
DirectoryService
348: 0x000000019f39e000 - 0x000000019f3c9fff
RemoteViewServices (arm64e) <49755C23-35BB-3CD4-
ACFD-01324C908AFA> (173): /System/Library/
PrivateFrameworks/RemoteViewServices.framework/Versions/
A/RemoteViewServices
349: 0x000000019f3ca000 - 0x000000019f3ddffb
SpeechRecognitionCore (arm64e)
<F79F478B-2861-36F3-9DC1-257CB58D8BD9> (6.2.53.4): /
System/Library/PrivateFrameworks/
SpeechRecognitionCore.framework/Versions/A/
SpeechRecognitionCore
350: 0x000000019f3de000 - 0x000000019f3e5fff
SpeechRecognition (arm64e)
<2B957D5A-8CB2-33FC-9EDB-943EB3E292A4> (6.0.4): /System/
Library/Frameworks/Carbon.framework/Versions/A/
Frameworks/SpeechRecognition.framework/Versions/A/
SpeechRecognition
351: 0x000000019f3e6000 - 0x000000019f3f7ffa AppleLDAP
(arm64e) <63AD1F9A-3D8B-33A0-B4F6-C77576E05822> (61): /
System/Library/PrivateFrameworks/AppleLDAP.framework/
Versions/A/AppleLDAP
352: 0x000000019f6e0000 - 0x000000019f70bfff GLKit
(arm64e) <424831D1-DBC0-3DD5-839E-FD70C27B9DC0> (126): /
System/Library/Frameworks/GLKit.framework/Versions/A/
GLKit
353: 0x000000019f720000 - 0x000000019f744ff7
libnetworkextension.dylib (arm64e) <840907BF-DDA8-3751-
A648-92EB853920DC> (unknown version): /usr/lib/
libnetworkextension.dylib
354: 0x000000019f745000 - 0x000000019f75dfff
Accessibility (arm64e)
<D7CC76D7-4A15-377B-9FE4-423691A588AB> (1): /System/
Library/Frameworks/Accessibility.framework/Versions/A/
Accessibility
355: 0x000000019f7a0000 - 0x000000019f7a0fff vecLib
(arm64e) <DF988085-1F50-331A-87EB-80CF090CF6C5> (vecLib
3.11): /System/Library/Frameworks/Accelerate.framework/
Versions/A/Frameworks/vecLib.framework/Versions/A/vecLib
356: 0x000000019f7c9000 - 0x000000019f7c9fff CoreServices
(arm64e) <09149A2D-B94B-3941-BA3F-B704940308EC> (1228): /

System/Library/Frameworks/CoreServices.framework/
Versions/A/CoreServices
357: 0x000000019fa7a000 - 0x000000019fa7afff Accelerate
(arm64e) <94CC129B-26C2-341C-A526-731414806B32>
(Accelerate 1.11): /System/Library/Frameworks/
Accelerate.framework/Versions/A/Accelerate
358: 0x000000019faa5000 - 0x000000019fac4fff
AssetCacheServices (arm64e) <51ED1D5C-9B32-320F-9F3E-
AED754F3A750> (127): /System/Library/PrivateFrameworks/
AssetCacheServices.framework/Versions/A/
AssetCacheServices
359: 0x000000019fac5000 - 0x000000019fad5fff
MediaAccessibility (arm64e) <3D3441F0-
A0D6-3365-8AD2-53DAD60730BB> (153): /System/Library/
Frameworks/MediaAccessibility.framework/Versions/A/
MediaAccessibility
360: 0x000000019fafc000 - 0x000000019fb3bfff
SystemAdministration (arm64e)
<85DC4C65-0122-3B8A-87B8-6316AEE2EC97> (1.0): /System/
Library/PrivateFrameworks/SystemAdministration.framework/
Versions/A/SystemAdministration
361: 0x000000019fb3c000 - 0x000000019fe66fff Vision
(arm64e) <31A2AF50-0BB4-343D-B507-F2C0AD53F9F2>
(6.0.52): /System/Library/Frameworks/Vision.framework/
Versions/A/Vision
362: 0x000000019fe67000 - 0x000000019fe67ffd
libswiftFoundation.dylib (arm64e)
<B7D355FC-2E89-3BE1-876A-5035F1AB7F78> (unknown
version): /usr/lib/swift/libswiftFoundation.dylib
363: 0x000000019fe68000 - 0x000000019ff22fff
ContactsFoundation (arm64e) <73EBE5F2-E7B4-3486-AA12-
C9E704D0EF99> (1209.8): /System/Library/
PrivateFrameworks/ContactsFoundation.framework/Versions/
A/ContactsFoundation
364: 0x000000019ff23000 - 0x000000019ff9ffff
ContactsPersistence (arm64e) <9F4CBB1E-528C-3429-9B0F-
D55B1F81CB29> (3582.11): /System/Library/
PrivateFrameworks/ContactsPersistence.framework/Versions/
A/ContactsPersistence
365: 0x000000019ffa0000 - 0x00000001a00fefff
AddressBookCore (arm64e) <91AB5399-3EFD-3530-B72D-
E667D45CE630> (2539.10): /System/Library/
PrivateFrameworks/AddressBookCore.framework/Versions/A/
AddressBookCore

366: 0x00000001a00ff000 - 0x00000001a02c1fff Contacts
(arm64e) <8652FC44-8F18-33D4-B4F8-95DA4639C38F>
(3582.11): /System/Library/Frameworks/Contacts.framework/
Versions/A/Contacts
367: 0x00000001a02c2000 - 0x00000001a02d2fff PersonaKit
(arm64e) <32ED8D83-DE14-30F4-8221-C0F2DCD4C934> (1): /
System/Library/PrivateFrameworks/PersonaKit.framework/
Versions/A/PersonaKit
368: 0x00000001a02d3000 - 0x00000001a02d7fff
CommunicationsFilter (arm64e) <9947DCF5-A471-31B7-
AFB3-628B7C187B65> (1000): /System/Library/
PrivateFrameworks/CommunicationsFilter.framework/
Versions/A/CommunicationsFilter
369: 0x00000001a02d8000 - 0x00000001a031afff FamilyCircle
(arm64e) <92E176C1-0489-33E6-A088-53840C538DB0> (1.0): /
System/Library/PrivateFrameworks/FamilyCircle.framework/
Versions/A/FamilyCircle
370: 0x00000001a031b000 - 0x00000001a03cffff
CoreBluetooth (arm64e) <8B6587B7-5A19-3BFC-8F08-
CCC42BAFB17A> (1): /System/Library/Frameworks/
CoreBluetooth.framework/Versions/A/CoreBluetooth
371: 0x00000001a03d0000 - 0x00000001a03dbfff
SymptomDiagnosticReporter (arm64e) <1E315BA0-F90C-3FC0-
BBD4-D25C98FDCA21> (1.0): /System/Library/
PrivateFrameworks/SymptomDiagnosticReporter.framework/
Versions/A/SymptomDiagnosticReporter
372: 0x00000001a03dc000 - 0x00000001a0403fff PowerLog
(arm64e) <DAE9F96F-A93A-3479-9F53-0C5480916237> (1): /
System/Library/PrivateFrameworks/PowerLog.framework/
Versions/A/PowerLog
373: 0x00000001a0404000 - 0x00000001a0410fff
AppleIDAuthSupport (arm64e) <050AB4FB-8006-3E9D-9E64-
CEBE5CB41D36> (1): /System/Library/PrivateFrameworks/
AppleIDAuthSupport.framework/Versions/A/
AppleIDAuthSupport
374: 0x00000001a0411000 - 0x00000001a04c8fff
DiscRecording (arm64e) <D6E13740-5730-387A-AB05-
A53EA50B290D> (9030.4.5): /System/Library/Frameworks/
DiscRecording.framework/Versions/A/DiscRecording
375: 0x00000001a04c9000 - 0x00000001a04fcff3 MediaKit
(arm64e) <D626FD28-D027-31D7-91FF-ED7EB386EC82> (936): /
System/Library/PrivateFrameworks/MediaKit.framework/
Versions/A/MediaKit
376: 0x00000001a04fd000 - 0x00000001a05e8fff

DiskManagement (arm64e) <22CB317D-4AF0-3B65-9772-A66BCDB7ED61> (747.140.2): /System/Library/PrivateFrameworks/DiskManagement.framework/Versions/A/DiskManagement
377: 0x00000001a05e9000 - 0x00000001a05f4fff CoreAUC (arm64e) <67843ACB-D6B8-36F2-8DB3-ECBE79713E27> (455.4): /System/Library/PrivateFrameworks/CoreAUC.framework/Versions/A/CoreAUC
378: 0x00000001a05f5000 - 0x00000001a05f8fff Mangrove (arm64e) <E03D0C02-119A-340F-BA4D-A9DCE54B2668> (25): /System/Library/PrivateFrameworks/Mangrove.framework/Versions/A/Mangrove
379: 0x00000001a05f9000 - 0x00000001a062cff3 CoreAVCHD (arm64e) <7DC3E3D6-44F7-3329-BE87-45616370E2E8> (6132.4.1): /System/Library/PrivateFrameworks/CoreAVCHD.framework/Versions/A/CoreAVCHD
380: 0x00000001a062d000 - 0x00000001a07c3fff FileProvider (arm64e) <EFA555EB-F3A7-32EF-BBA2-5D1941A0498E> (855.140.5): /System/Library/Frameworks/FileProvider.framework/Versions/A/FileProvider
381: 0x00000001a07c4000 - 0x00000001a07e9fff GenerationalStorage (arm64e) <E1106FB7-E534-318C-81F0-7E0F2BAD298F> (339.120.2): /System/Library/PrivateFrameworks/GenerationalStorage.framework/Versions/A/GenerationalStorage
382: 0x00000001a07ea000 - 0x00000001a0815fff OctagonTrust (arm64e) <073E5ECA-3CC9-398A-B1D0-92EEC0BB77F3> (1): /System/Library/PrivateFrameworks/OctagonTrust.framework/Versions/A/OctagonTrust
383: 0x00000001a0816000 - 0x00000001a0832fff CPAnalytics (arm64e) <AC02CD7B-917F-3952-8366-C147E369A992> (551.0.140): /System/Library/PrivateFrameworks/CPAnalytics.framework/Versions/A/CPAnalytics
384: 0x00000001a0bfff000 - 0x00000001a0d08fff CoreTelephony (arm64e) <6BAC257F-2F0D-3F5F-9AAF-4EFA322A2115> (10306): /System/Library/Frameworks/CoreTelephony.framework/Versions/A/CoreTelephony
385: 0x00000001a0d17000 - 0x00000001a0d2ffff libswiftDispatch.dylib (arm64e) <E8C52427-ED98-3402-8305-D4220418BE81> (unknown version): /usr/lib/swift/libswiftDispatch.dylib
386: 0x00000001a0d30000 - 0x00000001a0fc0fff AVFCore (arm64e) <FA179E02-3EBF-38DC-9DC3-7F50F45B25FB>

(2165.3.1): /System/Library/PrivateFrameworks/
AVFCore.framework/Versions/A/AVFCore
387: 0x00000001a0fc1000 - 0x00000001a105dfff
FrontBoardServices (arm64e) <41A93D9E-24F1-31F6-
A2F5-223DB480CD6C> (812.108): /System/Library/
PrivateFrameworks/FrontBoardServices.framework/Versions/
A/FrontBoardServices
388: 0x00000001a105e000 - 0x00000001a10b9fff
BoardServices (arm64e) <4646A42D-4889-3F82-
B55D-8420138CF36C> (617.107): /System/Library/
PrivateFrameworks/BoardServices.framework/Versions/A/
BoardServices
389: 0x00000001a10ba000 - 0x00000001a10f4fff vCard
(arm64e) <5F8BF79B-0B0D-3671-8245-185F28EE2545>
(3582.11): /System/Library/PrivateFrameworks/
vCard.framework/Versions/A/vCard
390: 0x00000001a1109000 - 0x00000001a1167fff
CryptoTokenKit (arm64e) <030D913D-4965-372E-B72C-
AA8328112675> (1): /System/Library/Frameworks/
CryptoTokenKit.framework/Versions/A/CryptoTokenKit
391: 0x00000001a1168000 - 0x00000001a11b1fff
LocalAuthentication (arm64e) <DB29C5B6-
B719-3264-90AD-84532E56F932> (1132.140.5): /System/
Library/Frameworks/LocalAuthentication.framework/
Versions/A/LocalAuthentication
392: 0x00000001a11b2000 - 0x00000001a11e2fff SharedUtils
(arm64e) <F5829251-3FB1-3A42-A994-A30CA947369A>
(1132.140.5): /System/Library/Frameworks/
LocalAuthentication.framework/Support/
SharedUtils.framework/Versions/A/SharedUtils
393: 0x00000001a11e3000 - 0x00000001a1296fff
AVFoundationCF (arm64e) <4C8DB75C-65AD-3620-BDBE-
F19840E8AC6C> (550.4.3.1): /System/Library/
PrivateFrameworks/AVFoundationCF.framework/Versions/A/
AVFoundationCF
394: 0x00000001a134b000 - 0x00000001a1407fff SAObjects
(arm64e) <4CA4935B-61AA-346F-8B7C-3DC93D6E2EDD> (1): /
System/Library/PrivateFrameworks/SAObjects.framework/
Versions/A/SAObjects
395: 0x00000001a1408000 - 0x00000001a144cff8 DebugSymbols
(arm64e) <C3268B41-725C-3F37-8914-5A1C648DB478>
(195.1): /System/Library/PrivateFrameworks/
DebugSymbols.framework/Versions/A/DebugSymbols
396: 0x00000001a144d000 - 0x00000001a1534fff

CoreSymbolication (arm64e) <5C68074D-EE46-306E-82E8-1B4D55888B42> (64559.83.2): /System/Library/PrivateFrameworks/CoreSymbolication.framework/Versions/A/CoreSymbolication
397: 0x00000001a1535000 - 0x00000001a153efff CoreTime (arm64e) <268040BC-39E9-3EFD-AE16-82EC74C3D356> (311.0.1): /System/Library/PrivateFrameworks/CoreTime.framework/Versions/A/CoreTime
398: 0x00000001a153f000 - 0x00000001a15d5fff Rapport (arm64e) <A99007B4-FAEC-380B-AF90-5435A6CDC98E> (440.10): /System/Library/PrivateFrameworks/Rapport.framework/Versions/A/Rapport
399: 0x00000001a15d6000 - 0x00000001a2128fff EmbeddedAcousticRecognition (arm64e) <8AF58207-2F43-3B22-85C7-773761A0047D> (1): /System/Library/PrivateFrameworks/EmbeddedAcousticRecognition.framework/Versions/A/EmbeddedAcousticRecognition
400: 0x00000001a217d000 - 0x00000001a277dfff Intents (arm64e) <363A913E-8294-3373-AACF-05F9F259FE1D> (1): /System/Library/Frameworks/Intents.framework/Versions/A/Intents
401: 0x00000001a277e000 - 0x00000001a2781fff Apple80211 (arm64e) <64636C04-EBE6-3E4B-AA18-F86DC658F1CA> (1728): /System/Library/PrivateFrameworks/Apple80211.framework/Versions/A/Apple80211
402: 0x00000001a2782000 - 0x00000001a2923fff CoreWiFi (arm64e) <9F4E015E-8FEB-3ED9-B4DF-71570AB24A2F> (kCoreWiFiProjectVersion): /System/Library/PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi
403: 0x00000001a2924000 - 0x00000001a2946fff BackBoardServices (arm64e) <59F140FD-E528-3D44-BFEC-4846575BCDD6> (1.0): /System/Library/PrivateFrameworks/BackBoardServices.framework/Versions/A/BackBoardServices
404: 0x00000001a2947000 - 0x00000001a2986ff7 LDAP (arm64e) <4008AAF9-D4ED-371C-B994-31766EC4D151> (194.5): /System/Library/Frameworks/LDAP.framework/Versions/A/LDAP
405: 0x00000001a2987000 - 0x00000001a2988ffb TrustEvaluationAgent (arm64e) <6AAC6B08-7006-3061-9B1E-BEAE2F86C058> (38): /System/Library/PrivateFrameworks/TrustEvaluationAgent.framework/Versions/A/TrustEvaluationAgent

406: 0x00000001a2ab5000 - 0x00000001a2b74fff DiskImages
(arm64e) <F838C05C-2E6F-3C49-87B5-6AE90ED78C5F>
(628.100.8): /System/Library/PrivateFrameworks/
DiskImages.framework/Versions/A/DiskImages
407: 0x00000001a2b75000 - 0x00000001a2bacff7 EAP8021X
(arm64e) <B14578DD-8541-36ED-9DE0-58559FFDDFDA> (14.0): /
System/Library/PrivateFrameworks/EAP8021X.framework/
Versions/A/EAP8021X
408: 0x00000001a2bad000 - 0x00000001a2bc0fff
RemoteServiceDiscovery (arm64e) <0A037BB5-512C-3304-
A984-904832EB8950> (103.120.4): /System/Library/
PrivateFrameworks/RemoteServiceDiscovery.framework/
Versions/A/RemoteServiceDiscovery
409: 0x00000001a2bc1000 - 0x00000001a2bd8fff RemoteXPC
(arm64e) <1A58BA59-74FA-3D20-9C34-A7DFDDE5E9A8>
(2462.140.2): /System/Library/PrivateFrameworks/
RemoteXPC.framework/Versions/A/RemoteXPC
410: 0x00000001a2c1d000 - 0x00000001a2c20fff Help
(arm64e) <3D2FDCF2-F0BE-3E22-946C-B30E28223875> (74): /
System/Library/Frameworks/Carbon.framework/Versions/A/
Frameworks/Help.framework/Versions/A/Help
411: 0x00000001a2c21000 - 0x00000001a2c28fff EFILogin
(arm64e) <32BB33D0-797E-32E9-9595-FFD7B3AF09CC> (2): /
System/Library/PrivateFrameworks/EFILogin.framework/
Versions/A/EFILogin
412: 0x00000001a2c29000 - 0x00000001a2c34fff
libcsfde.dylib (arm64e) <C0E21B79-2D9C-330C-
BA2D-137F7E575D0E> (unknown version): /usr/lib/
libcsfde.dylib
413: 0x00000001a2c35000 - 0x00000001a2ca6fff
libcurl.4.dylib (arm64e) <2180F35F-EBC0-3A44-B9F3-
D63FCF604C26> (unknown version): /usr/lib/libcurl.4.dylib
414: 0x00000001a2ca7000 - 0x00000001a2caefff LoginUICore
(arm64e) <83B624EA-18A2-326C-A8F9-0ADD0CE71055> (4.0): /
System/Library/PrivateFrameworks/LoginUIKit.framework/
Versions/A/Frameworks/LoginUICore.framework/Versions/A/
LoginUICore
415: 0x00000001a2caf000 - 0x00000001a2cf2fff AppSupport
(arm64e) <C0015744-78B4-3169-A1E7-B62C93D70E1E> (29): /
System/Library/PrivateFrameworks/AppSupport.framework/
Versions/A/AppSupport
416: 0x00000001a2cf3000 - 0x00000001a2d2cfff AppSSO
(arm64e) <D67E04D5-12CE-38D3-9C3A-7AD5CAD6660E> (1): /
System/Library/PrivateFrameworks/AppSSO.framework/

Versions/A/AppSSO
417: 0x00000001a2ef9000 - 0x00000001a2ef9fff
ApplicationServices (arm64e) <1B3BB25A-FC45-3BCA-9A3B-9A51E6A8AD9A> (61): /System/Library/Frameworks/ApplicationServices.framework/Versions/A/ApplicationServices
418: 0x00000001a2efa000 - 0x00000001a2efdfff
InternationalTextSearch (arm64e)
<4C1D9716-14D2-3191-8E7E-2FC2A07328FD> (1): /System/Library/PrivateFrameworks/InternationalTextSearch.framework/Versions/A/InternationalTextSearch
419: 0x00000001a2efe000 - 0x00000001a2fbbfff ClassKit (arm64e) <19AA1608-240C-31F4-8340-11EF3854F14F> (148.5): /System/Library/Frameworks/ClassKit.framework/Versions/A/ClassKit
420: 0x00000001a2fbc000 - 0x00000001a3114fff AppleAccount (arm64e) <B68F0CE5-79BD-394C-ABCF-AB5EC4CFECCF> (1.0): /System/Library/PrivateFrameworks/AppleAccount.framework/Versions/A/AppleAccount
421: 0x00000001a3115000 - 0x00000001a314cfff
AppleIDSSOAuthentication (arm64e) <68BC1652-4DCB-3C6B-B893-D64AA05CC72A> (1): /System/Library/PrivateFrameworks/AppleIDSSOAuthentication.framework/Versions/A/AppleIDSSOAuthentication
422: 0x00000001a314d000 - 0x00000001a31a6fff
CorePrediction (arm64e)
<0B20C56C-8213-3F24-81EC-675A9FF9E406> (1): /System/Library/PrivateFrameworks/CorePrediction.framework/Versions/A/CorePrediction
423: 0x00000001a31a7000 - 0x00000001a3276fff AuthKitUI (arm64e) <07727900-C7BA-3A1D-85AF-C44B2856CD72> (1): /System/Library/PrivateFrameworks/AuthKitUI.framework/Versions/A/AuthKitUI
424: 0x00000001a32ab000 - 0x00000001a32b0fff
CryptoKitCBridging (arm64e) <D118F30A-79CD-3324-83C2-F1CB577579EF> (1): /System/Library/PrivateFrameworks/CryptoKitCBridging.framework/Versions/A/CryptoKitCBridging
425: 0x00000001a32b1000 - 0x00000001a32b1fff
libHeimdalProxy.dylib (arm64e) <4A5BB1DE-B87B-38E8-9D91-21AF7EAD382A> (unknown version): /System/Library/Frameworks/Kerberos.framework/Versions/A/Libraries/libHeimdalProxy.dylib

426: 0x00000001a32b2000 - 0x00000001a32b2fff AudioUnit
(arm64e) <9F50F800-04A6-3DB9-BDFC-4A0827985321> (1.14): /
System/Library/Frameworks/AudioUnit.framework/Versions/A/
AudioUnit

427: 0x00000001a32d8000 - 0x00000001a3302fff StreamingZip
(arm64e) <390081C0-496B-30E4-8E6B-80281A4360F1> (1): /
System/Library/PrivateFrameworks/StreamingZip.framework/
Versions/A/StreamingZip

428: 0x00000001a332f000 - 0x00000001a3332fff
libswiftObjectiveC.dylib (arm64e) <C5902876-
C575-30CB-9E78-C41A1771FCE2> (unknown version): /usr/lib/
swift/libswiftObjectiveC.dylib

429: 0x00000001a3333000 - 0x00000001a334cfff
libswiftos.dylib (arm64e) <4C09C74F-1B3A-324E-9C93-
D7809FA1CC7C> (unknown version): /usr/lib/swift/
libswiftos.dylib

430: 0x00000001a334d000 - 0x00000001a335dfff
IntentsFoundation (arm64e) <E5780C03-D29A-36BF-
A311-00F9C5C201A4> (1): /System/Library/
PrivateFrameworks/IntentsFoundation.framework/Versions/A/
IntentsFoundation

431: 0x00000001a335e000 - 0x00000001a3366fff PushKit
(arm64e) <61A95448-32F2-3951-9550-4C36061A32A8> (1): /
System/Library/Frameworks/PushKit.framework/Versions/A/
PushKit

432: 0x00000001a3367000 - 0x00000001a33affff C2 (arm64e)
<9FAAE0C3-F507-3656-95F8-DC4F80B669A7> (2050.13.1.1): /
System/Library/PrivateFrameworks/C2.framework/Versions/A/
C2

433: 0x00000001a33b0000 - 0x00000001a33eefff
QuickLookThumbnails (arm64e)
<6CB44580-7D84-353C-890B-26D30E68FD55> (172.4): /System/
Library/Frameworks/QuickLookThumbnails.framework/
Versions/A/QuickLookThumbnails

434: 0x00000001a33ef000 - 0x00000001a4005fff Espresso
(arm64e) <8FE3C7D9-E437-343C-96FF-72EEF26E6AB1>
(357.4.12): /System/Library/PrivateFrameworks/
Espresso.framework/Versions/A/Espresso

435: 0x00000001a4006000 - 0x00000001a4025fff ANEServices
(arm64e) <37BDFE4E-9D59-3D5C-A9A4-28E2B826C928>
(6.600): /System/Library/PrivateFrameworks/
ANEServices.framework/Versions/A/ANEServices

436: 0x00000001a4026000 - 0x00000001a40aefff
ProactiveSupport (arm64e) <DE226BAB-8467-36B4-

A3DE-0D2D6599A099> (365.10): /System/Library/
PrivateFrameworks/ProactiveSupport.framework/Versions/A/
ProactiveSupport
437: 0x00000001a40af000 - 0x00000001a40befff CoreRecents
(arm64e) <C45EBACF-65D7-3BEA-AD7E-AEADA2E1E895> (1): /
System/Library/PrivateFrameworks/CoreRecents.framework/
Versions/A/CoreRecents
438: 0x00000001a4197000 - 0x00000001a4197ffb
CoreDuetDaemonProtocol (arm64e)
<A78245EB-1627-3763-9F4E-9BA0AA39DC6B> (1): /System/
Library/PrivateFrameworks/
CoreDuetDaemonProtocol.framework/Versions/A/
CoreDuetDaemonProtocol
439: 0x00000001a4198000 - 0x00000001a419ffff
ASEProcessing (arm64e) <F8D0866B-6446-3DED-96B7-
C5989942E4EC> (1.31.0): /System/Library/
PrivateFrameworks/ASEProcessing.framework/Versions/A/
ASEProcessing
440: 0x00000001a4839000 - 0x00000001a488ffff
ChunkingLibrary (arm64e) <FD46D479-CF4F-32EA-9B3F-
A9670F5B327A> (2050): /System/Library/PrivateFrameworks/
ChunkingLibrary.framework/Versions/A/ChunkingLibrary
441: 0x00000001a4a2e000 - 0x00000001a4aebfff
CoreSuggestions (arm64e)
<137BA295-9EA7-3779-949E-8E031A62D1D8> (1193.32): /
System/Library/PrivateFrameworks/
CoreSuggestions.framework/Versions/A/CoreSuggestions
442: 0x00000001a4c89000 - 0x00000001a4cb3fff RTCReporting
(arm64e) <45DB2651-DDBB-3946-949E-D962066A9C59> (36.2): /
System/Library/PrivateFrameworks/RTCReporting.framework/
Versions/A/RTCReporting
443: 0x00000001a4cb4000 - 0x00000001a4e73fff WebKitLegacy
(arm64e) <CEDE3B30-5725-3B46-917C-C8A6FA0162A9>
(18615.3.5.11.2): /System/Library/Frameworks/
WebKit.framework/Versions/A/Frameworks/
WebKitLegacy.framework/Versions/A/WebKitLegacy
444: 0x00000001a4eb4000 - 0x00000001a4ee7fff
AppleNeuralEngine (arm64e) <765FB830-
B392-399F-86D8-18ACEC18D9CC> (1): /System/Library/
PrivateFrameworks/AppleNeuralEngine.framework/Versions/A/
AppleNeuralEngine
445: 0x00000001a4fa0000 - 0x00000001a5012fff CoreMIDI
(arm64e) <8C6BCA8E-1D2C-3E34-9487-A9280DE7A680> (88): /
System/Library/Frameworks/CoreMIDI.framework/Versions/A/

CoreMIDI

446: 0x00000001a50d7000 - 0x00000001a50dafff Cocoa
(arm64e) <FC33E8B2-B155-3B01-8D4D-1BCD5E8AB801> (23): /
System/Library/Frameworks/Cocoa.framework/Versions/A/
Cocoa

447: 0x00000001a511b000 - 0x00000001a5881fff
AppleMediaServices (arm64e) <8077E8DC-2CD8-3970-9C85-
AC59F7C806CB> (1): /System/Library/PrivateFrameworks/
AppleMediaServices.framework/Versions/A/
AppleMediaServices

448: 0x00000001a5882000 - 0x00000001a5885fff
IOSurfaceAccelerator (arm64e) <60F4D901-02EA-3383-B800-
DE7878F26985> (1.0.0): /System/Library/PrivateFrameworks/
IOSurfaceAccelerator.framework/Versions/A/
IOSurfaceAccelerator

449: 0x00000001a58be000 - 0x00000001a5e01fff MediaRemote
(arm64e) <43F0AB94-1ECA-3B21-845C-205AFEB67720> (1): /
System/Library/PrivateFrameworks/MediaRemote.framework/
Versions/A/MediaRemote

450: 0x00000001a5e02000 - 0x00000001a6051fff
AssistantServices (arm64e)
<DC0E0AAD-0D78-3FA6-9254-0D545460858D> (1): /System/
Library/PrivateFrameworks/AssistantServices.framework/
Versions/A/AssistantServices

451: 0x00000001a6052000 - 0x00000001a605dfff
PhotoFoundation (arm64e) <BE424954-7F68-3681-
A361-0715C581B7B3> (551.0.140): /System/Library/
PrivateFrameworks/PhotoFoundation.framework/Versions/A/
PhotoFoundation

452: 0x00000001a61ac000 - 0x00000001a61b3fff
DisplayServices (arm64e) <C9222123-E9FD-32FA-B49C-
A94DAA12C144> (380): /System/Library/PrivateFrameworks/
DisplayServices.framework/Versions/A/DisplayServices

453: 0x00000001a696c000 - 0x00000001a6cfefff
libAWDSupportFramework.dylib (arm64e) <2C9FA14F-
F5A2-32AC-BC00-38FE690D03DC> (unknown version): /System/
Library/PrivateFrameworks/WirelessDiagnostics.framework/
Versions/A/Libraries/libAWDSupportFramework.dylib

454: 0x00000001a6d77000 - 0x00000001a6da9fff
libtidy.A.dylib (arm64e) <A056729E-
D7AA-330A-932F-68B37FA95762> (unknown version): /usr/lib/
libtidy.A.dylib

455: 0x00000001a6daa000 - 0x00000001a6dd5fff MarkupUI
(arm64e) <FC2AF9B7-9631-3172-A6F0-435942E52914>

(476.2): /System/Library/PrivateFrameworks/
MarkupUI.framework/Versions/A/MarkupUI
456: 0x00000001a6dd6000 - 0x00000001a6dedfff Engram
(arm64e) <E0E58B31-8CCE-31BC-AA13-29D662650FFA> (1): /
System/Library/PrivateFrameworks/Engram.framework/
Versions/A/Engram
457: 0x00000001a6dee000 - 0x00000001a6e0dfff
OpenScripting (arm64e) <5E2294AB-24A9-398B-A6F5-
AB6E434F1008> (1.7): /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/
OpenScripting.framework/Versions/A/OpenScripting
458: 0x00000001a6e0e000 - 0x00000001a6e11ffb SecurityHI
(arm64e) <AC365366-F2F8-3AC8-9488-8296DC82FEB5>
(55008): /System/Library/Frameworks/Carbon.framework/
Versions/A/Frameworks/SecurityHI.framework/Versions/A/
SecurityHI
459: 0x00000001a6e12000 - 0x00000001a6e15fff Ink (arm64e)
<2EB50496-4A83-3168-B466-F3BF2E8225E6> (227): /System/
Library/Frameworks/Carbon.framework/Versions/A/
Frameworks/Ink.framework/Versions/A/Ink
460: 0x00000001a6e16000 - 0x00000001a6e19fff CommonPanels
(arm64e) <FEBC4390-A5CC-3AE6-B72D-A823C2945313> (105): /
System/Library/Frameworks/Carbon.framework/Versions/A/
Frameworks/CommonPanels.framework/Versions/A/CommonPanels
461: 0x00000001a6e1a000 - 0x00000001a6e1dfff ImageCapture
(arm64e) <F966C71E-F1B2-3946-ADB2-160BF60C6EAC>
(1830.7.1): /System/Library/Frameworks/Carbon.framework/
Versions/A/Frameworks/ImageCapture.framework/Versions/A/
ImageCapture
462: 0x00000001a6e1e000 - 0x00000001a8531fff
JavaScriptCore (arm64e) <ACE1156E-9EC1-3FDD-
BD87-8914DA465F84> (18615.3.5.11.2): /System/Library/
Frameworks/JavaScriptCore.framework/Versions/A/
JavaScriptCore
463: 0x00000001a85e4000 - 0x00000001a85effff
SetupAssistantFramework (arm64e)
<B1FDEBBB-0DA4-3B08-9CEE-BCAA860E97DA> (1): /System/
Library/PrivateFrameworks/
SetupAssistantFramework.framework/Versions/A/
SetupAssistantFramework
464: 0x00000001a85f0000 - 0x00000001a8768fff AVFCapture
(arm64e) <B933D19C-BB94-376A-AAC7-12BEC6E49EF1>
(331.4): /System/Library/PrivateFrameworks/
AVFCapture.framework/Versions/A/AVFCapture

465: 0x00000001a8769000 - 0x00000001a8853fff Quagga
(arm64e) <94F4E2E7-831E-3FC6-BDC1-3FFBDA34FFB3>
(127.2): /System/Library/PrivateFrameworks/
Quagga.framework/Versions/A/Quagga
466: 0x00000001a8854000 - 0x00000001a8c81fff CMCapture
(arm64e) <C55D6B55-A573-3E84-8884-033F023956FA> (1.0): /
System/Library/PrivateFrameworks/CMCapture.framework/
Versions/A/CMCapture
467: 0x00000001a8c82000 - 0x00000001a8d45fff RenderBox
(arm64e) <D24CC279-9290-3B25-8433-2C2A942BB1C7>
(4.4.17.1): /System/Library/PrivateFrameworks/
RenderBox.framework/Versions/A/RenderBox
468: 0x00000001a9832000 - 0x00000001a9845fff HID (arm64e)
<0F585B76-70EE-3801-A9FE-148B7FE1399B> (1): /System/
Library/PrivateFrameworks/HID.framework/Versions/A/HID
469: 0x00000001a9846000 - 0x00000001a987efff IOGPU
(arm64e) <F423FD5B-9798-372B-B61A-E5AEBA9D7128>
(65.40.15): /System/Library/PrivateFrameworks/
IOGPU.framework/Versions/A/IOGPU
470: 0x00000001a9e51000 - 0x00000001a9ec7fff
MediaServices (arm64e) <B1E5D21D-C9FF-36CC-A053-
C4C72463595E> (4022.700.1): /System/Library/
PrivateFrameworks/MediaServices.framework/Versions/A/
MediaServices
471: 0x00000001a9ec8000 - 0x00000001a9ef3fff IASUtilities
(arm64e) <8FA4065E-2B33-302A-97AC-048DE21D24B6>
(642.140.1): /System/Library/PrivateFrameworks/
IASUtilities.framework/Versions/A/IASUtilities
472: 0x00000001a9f80000 - 0x00000001a9f80fff Marco
(arm64e) <B8E2CCA6-6652-314C-B371-7E15FF016530> (1000): /
System/Library/PrivateFrameworks/Marco.framework/
Versions/A/Marco
473: 0x00000001aa051000 - 0x00000001aa0e2fff
ContactsUICore (arm64e) <C5E3A65A-E1CE-304A-904F-
B9DC68A00B88> (3474.6): /System/Library/
PrivateFrameworks/ContactsUICore.framework/Versions/A/
ContactsUICore
474: 0x00000001aa2dd000 - 0x00000001aa303fff
ProactiveEventTracker (arm64e) <E4538E5B-0B2B-3607-8560-
F72D587F3036> (365.10): /System/Library/
PrivateFrameworks/ProactiveEventTracker.framework/
Versions/A/ProactiveEventTracker
475: 0x00000001aa804000 - 0x00000001aa80ffff
OSAServicesClient (arm64e) <4C4D0322-4CC7-3AEF-948A-

A879D8E67FCC> (1): /System/Library/PrivateFrameworks/
OSAServicesClient.framework/Versions/A/OSAServicesClient
476: 0x00000001aa848000 - 0x00000001aa849fff PhoneNumbers
(arm64e) <CC82D2FD-9509-32F4-8ADB-11D9BB00C6F5> (1): /
System/Library/PrivateFrameworks/PhoneNumbers.framework/
Versions/A/PhoneNumbers
477: 0x00000001aa84a000 - 0x00000001aa852fff
URLFormatting (arm64e) <DF32834D-1F81-3D15-BF6A-
D9BB957A27E2> (213.13): /System/Library/
PrivateFrameworks/URLFormatting.framework/Versions/A/
URLFormatting
478: 0x00000001aa853000 - 0x00000001aa875fff
AXCoreUtilities (arm64e) <62A77E03-292E-3210-BD52-
CA053EAAAC952> (1): /System/Library/PrivateFrameworks/
AXCoreUtilities.framework/Versions/A/AXCoreUtilities
479: 0x00000001aa876000 - 0x00000001aa8a2fff
libAccessibility.dylib (arm64e)
<E2BE6FDA-1539-3C16-9BE7-0CA2E039F762> (unknown
version): /usr/lib/libAccessibility.dylib
480: 0x00000001aa8a3000 - 0x00000001ad0defdf WebCore
(arm64e) <FE0EF1B7-5FFE-3424-B745-3C02F80BAE96>
(18615.3.5.11.2): /System/Library/Frameworks/
WebKit.framework/Versions/A/Frameworks/WebCore.framework/
Versions/A/WebCore
481: 0x00000001ad19f000 - 0x00000001ad1aefff NetFS
(arm64e) <91E57F7B-C5A8-3B7F-B10F-8EDE50FD6427> (4.0): /
System/Library/Frameworks/NetFS.framework/Versions/A/
NetFS
482: 0x00000001ad355000 - 0x00000001ad385fff
QuickLookSupport (arm64e) <CD9338C3-F30E-3380-B5EA-
E120A52E2C69> (172.4): /System/Library/PrivateFrameworks/
QuickLookSupport.framework/Versions/A/QuickLookSupport
483: 0x00000001ad386000 - 0x00000001ad465ff7 AirPlaySync
(arm64e) <DCDCC412-6A9E-3CF4-B427-204B91260240> (1.0): /
System/Library/PrivateFrameworks/AirPlaySync.framework/
Versions/A/AirPlaySync
484: 0x00000001ad71a000 - 0x00000001ad720fff
libswiftCoreGraphics.dylib (arm64e)
<8FB6D35C-8484-3FEA-8519-48E2CFCC9180> (unknown
version): /usr/lib/swift/libswiftCoreGraphics.dylib
485: 0x00000001ad721000 - 0x00000001ad72aff7
libswiftDarwin.dylib (arm64e) <D343BDBE-
EDB9-325B-8656-91BE4427CCCD> (unknown version): /usr/lib/
swift/libswiftDarwin.dylib

486: 0x00000001ad799000 - 0x00000001ad79cfff
ExceptionHandling (arm64e)
<4113AEC3-4753-36A7-9429-716B7E376237> (14): /System/
Library/Frameworks/ExceptionHandling.framework/Versions/
A/ExceptionHandling
487: 0x00000001ad79d000 - 0x00000001ad7fffff
SafariSafeBrowsing (arm64e)
<3CD2D30F-403B-3B25-9DFB-51931DC1739C> (615.3.5.11.2): /
System/Library/PrivateFrameworks/
SafariSafeBrowsing.framework/Versions/A/
SafariSafeBrowsing
488: 0x00000001ad800000 - 0x00000001ae31ffff WebKit
(arm64e) <92798706-2993-3896-9781-2EC7742C71E6>
(18615.3.5.11.2): /System/Library/Frameworks/
WebKit.framework/Versions/A/WebKit
489: 0x00000001ae538000 - 0x00000001ae5c3fff CorePDF
(arm64e) <C6CE775F-5C35-358F-9E4D-39415922C55E>
(551.6.1): /System/Library/PrivateFrameworks/
CorePDF.framework/Versions/A/CorePDF
490: 0x00000001ae5c4000 - 0x00000001ae5c7fff Print
(arm64e) <952CAC02-EA35-37C1-8FBD-CCB2494E9BFB> (271): /
System/Library/Frameworks/Carbon.framework/Versions/A/
Frameworks/Print.framework/Versions/A/Print
491: 0x00000001ae5c8000 - 0x00000001ae5cbfff Carbon
(arm64e) <794968F8-C620-3055-85B7-BB06AF51AD73> (169): /
System/Library/Frameworks/Carbon.framework/Versions/A/
Carbon
492: 0x00000001ae9d4000 - 0x00000001ae9d4fff AVFoundation
(arm64e) <A4853106-64BC-3764-91FA-681E385F125D>
(2165.3.1): /System/Library/Frameworks/
AVFoundation.framework/Versions/A/AVFoundation
493: 0x00000001ae9d5000 - 0x00000001aeaf8fff AVKit
(arm64e) <15723BD5-6BFD-3F74-80C5-5FDBCBD75D42>
(1048.4.6): /System/Library/Frameworks/AVKit.framework/
Versions/A/AVKit
494: 0x00000001aeaf9000 - 0x00000001aebc4fff
libquic.dylib (arm64e)
<CD955417-638B-31EC-8FE8-518E8A0415B3> (unknown
version): /usr/lib/libquic.dylib
495: 0x00000001aebc8000 - 0x00000001aebcfff3
EmbeddedOSSupportHost (arm64e)
<24D14FB1-7793-3FA4-8E60-3B734FF639EF> (1): /System/
Library/PrivateFrameworks/
EmbeddedOSSupportHost.framework/Versions/A/

EmbeddedOSSupportHost
496: 0x00000001aebd0000 - 0x00000001aebf3fff SystemPolicy
(arm64e) <51D75C07-AEF8-3092-A0CF-7F8455360B5A> (1): /
System/Library/PrivateFrameworks/SystemPolicy.framework/
Versions/A/SystemPolicy
497: 0x00000001aada000 - 0x00000001aedbcfff
SymptomAnalytics (arm64e) <5E5D141B-4BD4-3B10-980E-
B5CF9A37673B> (1732.120.3): /System/Library/
PrivateFrameworks/Symptoms.framework/Frameworks/
SymptomAnalytics.framework/Versions/A/SymptomAnalytics
498: 0x00000001aee29000 - 0x00000001aee4dfff SidecarCore
(arm64e) <4531BC98-0081-3EAC-A3D0-AC1EB4CA180A>
(280.4): /System/Library/PrivateFrameworks/
SidecarCore.framework/Versions/A/SidecarCore
499: 0x00000001aee4e000 - 0x00000001aee55fff
QuickLookNonBaseSystem (arm64e) <5310E27E-3F24-33E0-973E-
F593CCDD266C> (1): /System/Library/PrivateFrameworks/
QuickLookNonBaseSystem.framework/Versions/A/
QuickLookNonBaseSystem
500: 0x00000001aee56000 - 0x00000001aee91fff
DataDetectors (arm64e)
<EABB4013-92BB-36D7-8E1F-7C809C8F88CD> (445): /System/
Library/PrivateFrameworks/DataDetectors.framework/
Versions/A/DataDetectors
501: 0x00000001af086000 - 0x00000001af0a8fff MediaStream
(arm64e) <849A5914-36BC-3B0E-B5A6-7A583D4CE7D0>
(551.0.140): /System/Library/PrivateFrameworks/
MediaStream.framework/Versions/A/MediaStream
502: 0x00000001af331000 - 0x00000001af335fff
CoreOptimization (arm64e) <DE7D22C2-
BF8E-3543-9037-1E5615A95116> (1): /System/Library/
PrivateFrameworks/CoreOptimization.framework/Versions/A/
CoreOptimization
503: 0x00000001af336000 - 0x00000001af348fff
FeatureFlagsSupport (arm64e)
<4807EDAD-35E5-32B0-9371-0D802399CEE7> (74): /System/
Library/PrivateFrameworks/FeatureFlagsSupport.framework/
Versions/A/FeatureFlagsSupport
504: 0x00000001af34f000 - 0x00000001af39ffff FTServices
(arm64e) <B6EB88ED-8F81-3A57-BD81-128BB7924BEC> (1000): /
System/Library/PrivateFrameworks/FTServices.framework/
Versions/A/FTServices
505: 0x00000001af462000 - 0x00000001af4b5fff
NaturalLanguage (arm64e) <BD23DE6D-6313-3428-

A7F6-75E8E0B32E37> (108): /System/Library/Frameworks/
NaturalLanguage.framework/Versions/A/NaturalLanguage
506: 0x00000001af4b6000 - 0x00000001af4d5fff
SafariServices (arm64e) <3BD122E3-6C82-37E3-802C-
C374AA5FA587> (18615.3.5.11.2): /System/Library/
Frameworks/SafariServices.framework/Versions/A/
SafariServices
507: 0x00000001af56e000 - 0x00000001af5a5fff DaemonUtils
(arm64e) <17DE557F-0502-35B5-B168-26EA4187A29A>
(1132.140.5): /System/Library/Frameworks/
LocalAuthentication.framework/Support/
DaemonUtils.framework/Versions/A/DaemonUtils
508: 0x00000001af6ec000 - 0x00000001af75afff
LoggingSupport (arm64e)
<1B563349-84FE-3BE2-82AE-5874BCFFA669>
(1431.140.1.0.1): /System/Library/PrivateFrameworks/
LoggingSupport.framework/Versions/A/LoggingSupport
509: 0x00000001af75b000 - 0x00000001af766fff
MallocStackLogging (arm64e) <8546DF39-46C5-3A21-892E-
CC2CFC3F0113> (64559.91.2): /System/Library/
PrivateFrameworks/MallocStackLogging.framework/Versions/
A/MallocStackLogging
510: 0x00000001af767000 - 0x00000001af769fff
liblog_network.dylib (arm64e)
<5FA98B07-6655-3175-91AD-1C38DC3CD435> (unknown
version): /usr/lib/log/liblog_network.dylib
511: 0x00000001af78a000 - 0x00000001af79cfff libmis.dylib
(arm64e) <2A4E0377-96C6-3AB7-836D-1064DD7BAB72> (unknown
version): /usr/lib/libmis.dylib
512: 0x00000001af79d000 - 0x00000001af7a0fff
GPURawCounter (arm64e) <E0B1F7F6-ADF5-33C7-
AC8B-34BC59EB9459> (12.0): /System/Library/
PrivateFrameworks/GPURawCounter.framework/Versions/A/
GPURawCounter
513: 0x00000001af7a1000 - 0x00000001af7a9fff
libswiftCoreAudio.dylib (arm64e)
<F7B0945F-825A-38CA-8D75-0DDD0DFFEB8C> (unknown
version): /usr/lib/swift/libswiftCoreAudio.dylib
514: 0x00000001af7aa000 - 0x00000001af7b1fff
libswiftCoreFoundation.dylib (arm64e)
<2BB3889C-654E-39DF-947A-B43190448569> (unknown
version): /usr/lib/swift/libswiftCoreFoundation.dylib
515: 0x00000001af7b2000 - 0x00000001af7bdfff
libswiftIntents.dylib (arm64e) <0469072B-4EAF-3445-B348-

D66E9F81B7C3> (unknown version): /usr/lib/swift/
libswiftIntents.dylib
516: 0x00000001af7be000 - 0x00000001af7c9fff
libswiftXPC.dylib (arm64e) <D8EF72DE-0D3E-35CC-
AA6A-58BDA59155C3> (unknown version): /usr/lib/swift/
libswiftXPC.dylib
517: 0x00000001af7ca000 - 0x00000001af7cafff
libswiftCoreImage.dylib (arm64e) <4AE94EC5-EC3F-397D-
B0BA-FF143C140A46> (unknown version): /usr/lib/swift/
libswiftCoreImage.dylib
518: 0x00000001af7cb000 - 0x00000001af7cbfff
libswiftIOKit.dylib (arm64e) <ADAFDC6D-
A675-3085-9B04-56943D1B0244> (unknown version): /usr/lib/
swift/libswiftIOKit.dylib
519: 0x00000001af7cc000 - 0x00000001af9aefff
CoreHandwriting (arm64e) <8483C4AC-1062-3182-
AC1C-81FB973CE982> (1.2): /System/Library/
PrivateFrameworks/CoreHandwriting.framework/Versions/A/
CoreHandwriting
520: 0x00000001af9af000 - 0x00000001afbf2fff ImageKit
(arm64e) <5EBD933E-ADD4-3F94-9F23-46C8FD82AEB7>
(1128.1): /System/Library/Frameworks/Quartz.framework/
Versions/A/Frameworks/ImageKit.framework/Versions/A/
ImageKit
521: 0x00000001afbf3000 - 0x00000001afd72fff PencilKit
(arm64e) <484BF11C-1763-3C36-AA0F-E9C8738AB336> (1): /
System/Library/Frameworks/PencilKit.framework/Versions/A/
PencilKit
522: 0x00000001afd73000 - 0x00000001afd8afff SidecarUI
(arm64e) <FBB2885C-5E2D-3CE7-BDA9-90FD7D6309B0>
(280.4): /System/Library/PrivateFrameworks/
SidecarUI.framework/Versions/A/SidecarUI
523: 0x00000001afd98000 - 0x00000001afd9bfff
WebInspectorUI (arm64e) <AEE51588-3E60-3DF2-
B149-753D403C6CE1> (18615.3.5.11.2): /System/Library/
PrivateFrameworks/WebInspectorUI.framework/Versions/A/
WebInspectorUI
524: 0x00000001afd9c000 - 0x00000001afdcffff
OnBoardingKit (arm64e)
<5DB7F811-312C-3AE9-92FA-28EC2A0F9FF3> (1): /System/
Library/PrivateFrameworks/OnBoardingKit.framework/
Versions/A/OnBoardingKit
525: 0x00000001afee7000 - 0x00000001afef6fff CoreKDL
(arm64e) <3C01E395-41BB-3711-AC4F-AA8C05B133E0> (1): /

System/Library/PrivateFrameworks/CoreKDL.framework/
Versions/A/CoreKDL
526: 0x00000001afef7000 - 0x00000001aff72fff TrialProto
(arm64e) <2968EBBD-22FA-3316-8CA4-5DFDC371D5FA>
(361.11.2): /System/Library/PrivateFrameworks/
TrialProto.framework/Versions/A/TrialProto
527: 0x00000001aff73000 - 0x00000001affeafff Trial
(arm64e) <7DF08DBA-47E3-33BF-9ED2-237D78102A95>
(361.11.2): /System/Library/PrivateFrameworks/
Trial.framework/Versions/A/Trial
528: 0x00000001b024d000 - 0x00000001b054bfff Photos
(arm64e) <ACD42392-05CB-3724-AA17-8BDC77CADB99>
(551.0.140): /System/Library/Frameworks/Photos.framework/
Versions/A/Photos
529: 0x00000001b054c000 - 0x00000001b05c0fff
ImageCaptureCore (arm64e) <5F6265B2-F4FD-37C3-8435-
A93249332447> (1830.7.1): /System/Library/Frameworks/
ImageCaptureCore.framework/Versions/A/ImageCaptureCore
530: 0x00000001b05c1000 - 0x00000001b05ecfff
QuartzFilters (arm64e) <8E68FD63-
FCD2-3760-984E-81D212A09D22> (103): /System/Library/
Frameworks/Quartz.framework/Versions/A/Frameworks/
QuartzFilters.framework/Versions/A/QuartzFilters
531: 0x00000001b05ed000 - 0x00000001b0613fff
SymptomPresentationFeed (arm64e) <665E0657-D789-3985-
A986-82EB4EE71E3A> (1732.120.3): /System/Library/
PrivateFrameworks/Symptoms.framework/Frameworks/
SymptomPresentationFeed.framework/Versions/A/
SymptomPresentationFeed
532: 0x00000001b0614000 - 0x00000001b064ffff
IntlPreferences (arm64e) <FF510B4D-3578-3646-B692-
DBB2CF4A51A7> (398.60): /System/Library/
PrivateFrameworks/IntlPreferences.framework/Versions/A/
IntlPreferences
533: 0x00000001b0650000 - 0x00000001b0685fff ToneLibrary
(arm64e) <D97479D8-81BC-351F-BD45-7FD9EAAE8CEA> (1): /
System/Library/PrivateFrameworks/ToneLibrary.framework/
Versions/A/ToneLibrary
534: 0x00000001b0870000 - 0x00000001b0951fff SafariCore
(arm64e) <6A2F346E-D7C9-37E8-B1BE-3C1B0C116670>
(18615.3.5.11.2): /System/Library/PrivateFrameworks/
SafariCore.framework/Versions/A/SafariCore
535: 0x00000001b0f54000 - 0x00000001b0fabfff
libbootpolicy.dylib (arm64e) <E1E3F09B-9292-3C3B-

BB6F-43BA0A97A510> (unknown version): /usr/lib/
libbootpolicy.dylib
536: 0x00000001b0fac000 - 0x00000001b10ebfff
AnnotationKit (arm64e) <0ABBE9D0-C079-3912-AE0F-
D69537B001A9> (476.2): /System/Library/PrivateFrameworks/
AnnotationKit.framework/Versions/A/AnnotationKit
537: 0x00000001b10ec000 - 0x00000001b15cbfff
QuartzComposer (arm64e) <C22E94F6-531C-3071-9C98-
A9681AD63F84> (385): /System/Library/Frameworks/
Quartz.framework/Versions/A/Frameworks/
QuartzComposer.framework/Versions/A/QuartzComposer
538: 0x00000001b15cc000 - 0x00000001b16dbfff PDFKit
(arm64e) <E1BCD7FD-7211-3B0E-AA8D-8AA63B845168>
(1158.5.5): /System/Library/Frameworks/PDFKit.framework/
Versions/A/PDFKit
539: 0x00000001b16dc000 - 0x00000001b1d4ffff SceneKit
(arm64e) <642B52FA-9531-3426-B78E-D0FE45AAD492>
(581.401): /System/Library/Frameworks/SceneKit.framework/
Versions/A/SceneKit
540: 0x00000001b1fab000 - 0x00000001b1fb6fff BridgeXPC
(arm64e) <4C2753FE-1B63-3021-82EC-E894E963E101> (38): /
System/Library/PrivateFrameworks/BridgeXPC.framework/
Versions/A/BridgeXPC
541: 0x00000001b1fb7000 - 0x00000001b1fcbfff
FeedbackLogger (arm64e) <F5F5E39D-E9FA-3624-A50B-
C44DBAE8502D> (1): /System/Library/PrivateFrameworks/
FeedbackLogger.framework/Versions/A/FeedbackLogger
542: 0x00000001b2687000 - 0x00000001b269fff7
libswiftsimd.dylib (arm64e) <6DD335E6-55E7-3361-9C3B-
D3D2F5F9FC12> (unknown version): /usr/lib/swift/
libswiftsimd.dylib
543: 0x00000001b26ee000 - 0x00000001b2711fff
MobileInstallation (arm64e) <D96D4530-5880-3A5C-ABB1-
EACFFCA8268F> (1.0): /System/Library/PrivateFrameworks/
MobileInstallation.framework/Versions/A/
MobileInstallation
544: 0x00000001b2721000 - 0x00000001b27d7fff TextInput
(arm64e) <4D35D7A9-8913-3F47-863B-3EF8CB931A77> (1.0): /
System/Library/PrivateFrameworks/TextInput.framework/
Versions/A/TextInput
545: 0x00000001b2973000 - 0x00000001b3185fff
PhotoLibraryServices (arm64e) <03C6DD5C-A969-300A-A1AA-
B1DEF04BB43D> (551.0.140): /System/Library/
PrivateFrameworks/PhotoLibraryServices.framework/

Versions/A/PhotoLibraryServices
546: 0x00000001b3312000 - 0x00000001b331efff
CaptiveNetwork (arm64e) <9417CFEF-D78E-386D-8F25-A6F97C80C343> (1): /System/Library/PrivateFrameworks/
CaptiveNetwork.framework/Versions/A/CaptiveNetwork
547: 0x00000001b34b3000 - 0x00000001b3714ff7
libmorphun.dylib (arm64e)
<B71F93F3-0B70-3A30-9B33-1F214CB548B6> (unknown
version): /usr/lib/libmorphun.dylib
548: 0x00000001b3719000 - 0x00000001b3734fff Lookup
(arm64e) <FDA824DA-14C5-3633-87FA-F5265CF38376> (306): /
System/Library/PrivateFrameworks/Lookup.framework/
Versions/A/Lookup
549: 0x00000001b3735000 - 0x00000001b3765fff
libncurses.5.4.dylib (arm64e) <396A6A4D-9C2F-3829-B455-78FB6A802801> (unknown version): /usr/lib/
libncurses.5.4.dylib
550: 0x00000001b37d4000 - 0x00000001b37d7fff Quartz
(arm64e) <A42FDDA8-EF80-3EF3-B32B-E273C9AA3452> (26): /
System/Library/Frameworks/Quartz.framework/Versions/A/
Quartz
551: 0x00000001b3b09000 - 0x00000001b421bfff
SiriInstrumentation (arm64e) <F04A96EA-C3C9-3D81-B538-5504AF68D31E> (1): /System/Library/
PrivateFrameworks/SiriInstrumentation.framework/Versions/
A/SiriInstrumentation
552: 0x00000001b421c000 - 0x00000001b4235fff
libCGInterfaces.dylib (arm64e) <F4EFDEF8-E1E4-368A-86CD-A31180623461> (unknown version): /System/Library/
Frameworks/Accelerate.framework/Versions/A/Frameworks/
vImage.framework/Versions/A/Libraries/
libCGInterfaces.dylib
553: 0x00000001b4236000 - 0x00000001b4238ff5
libswiftCoreLocation.dylib (arm64e) <68812865-DF9D-3F20-B4E1-3EFF9E62F909> (unknown version): /usr/lib/swift/
libswiftCoreLocation.dylib
554: 0x00000001b4239000 - 0x00000001b4242fff
libswiftCoreMIDI.dylib (arm64e) <3CA2055C-BA2B-3DFE-817B-7431BF7CCE80> (unknown version): /usr/lib/
swift/libswiftCoreMIDI.dylib
555: 0x00000001b4435000 - 0x00000001b4470fff
LocalAuthenticationUI (arm64e) <A78675FB-F0F3-33F8-96A9-60E72F57CD54> (1132.140.5): /System/
Library/PrivateFrameworks/

LocalAuthenticationUI.framework/Versions/A/
LocalAuthenticationUI
556: 0x00000001b4525000 - 0x00000001b46a4fff AddressBook
(arm64e) <3BA68584-7FE0-35D9-B0BB-02F1418C05FC>
(2539.10): /System/Library/Frameworks/
AddressBook.framework/Versions/A/AddressBook
557: 0x00000001b46a5000 - 0x00000001b46c4fff ToneKit
(arm64e) <D96B6C1D-F676-3E90-8192-4FA79B91876D> (1): /
System/Library/PrivateFrameworks/ToneKit.framework/
Versions/A/ToneKit
558: 0x00000001b46c5000 - 0x00000001b474efff
AppStoreDaemon (arm64e) <5F9BBD71-3BA1-3B41-88AE-
E3CD3D0E4D7C> (1): /System/Library/PrivateFrameworks/
AppStoreDaemon.framework/Versions/A/AppStoreDaemon
559: 0x00000001b4841000 - 0x00000001b4848fff
MSUDataAccessor (arm64e) <016DFD0F-ED58-36E5-A525-
A117AB99E20A> (1): /System/Library/PrivateFrameworks/
MSUDataAccessor.framework/Versions/A/MSUDataAccessor
560: 0x00000001b4b5c000 - 0x00000001b4bbbfff
SoftwareUpdateCoreSupport (arm64e) <512C3765-7295-3F35-
B59C-B071434CA898> (1): /System/Library/
PrivateFrameworks/SoftwareUpdateCoreSupport.framework/
Versions/A/SoftwareUpdateCoreSupport
561: 0x00000001b4e5d000 - 0x00000001b4e81fff
libtailspin.dylib (arm64e) <3655372B-1CF2-382A-B086-
C39DA45576CE> (unknown version): /usr/lib/
libtailspin.dylib
562: 0x00000001b4e82000 - 0x00000001b6719fff SwiftUI
(arm64e) <0A049724-98AF-33EE-A5C2-0E6A7A3B2D61>
(4.5.6.2.402): /System/Library/Frameworks/
SwiftUI.framework/Versions/A/SwiftUI
563: 0x00000001b671a000 - 0x00000001b675bfff
AttributeGraph (arm64e) <838B85F7-31E2-36BD-9535-
F426F54E3FF1> (4.0.28): /System/Library/
PrivateFrameworks/AttributeGraph.framework/Versions/A/
AttributeGraph
564: 0x00000001b675c000 - 0x00000001b679efff
EmojiFoundation (arm64e) <7B462CDE-
EB9B-388A-8649-9EF210EC553F> (120.203): /System/Library/
PrivateFrameworks/EmojiFoundation.framework/Versions/A/
EmojiFoundation
565: 0x00000001b681f000 - 0x00000001b70a6fff
libfaceCore.dylib (arm64e) <9F7E5961-B843-398E-
BA3A-56703E3AA352> (unknown version): /System/Library/

Frameworks/Vision.framework/libfaceCore.dylib
566: 0x00000001b70a7000 - 0x00000001b7210fff
TextRecognition (arm64e) <09079873-8B77-3479-B173-0E63C0213638> (157): /System/Library/PrivateFrameworks/TextRecognition.framework/Versions/A/TextRecognition
567: 0x00000001b7211000 - 0x00000001b7229fff Futhark (arm64e) <47F55E4E-5DA6-33E6-9BBF-19FBC279D496> (1): /System/Library/PrivateFrameworks/Futhark.framework/Versions/A/Futhark
568: 0x00000001b722a000 - 0x00000001b72a3fff DifferentialPrivacy (arm64e) <C6E0B3F9-2BDF-3B84-AEAB-7E01CF343A4B> (1): /System/Library/PrivateFrameworks/DifferentialPrivacy.framework/Versions/A/DifferentialPrivacy
569: 0x00000001b72a4000 - 0x00000001b72cdfff SafariFoundation (arm64e) <D3852039-5B89-313B-B5FE-D74FBA004C69> (18615.3.5.11.2): /System/Library/PrivateFrameworks/SafariFoundation.framework/Versions/A/SafariFoundation
570: 0x00000001b72d7000 - 0x00000001b751ffff RawCamera (arm64e) <687CA9B2-3941-3B8C-B10D-89B8BD2CDF4C> (1650.2): /System/Library/CoreServices/RawCamera.bundle/Contents/MacOS/RawCamera
571: 0x00000001b7744000 - 0x00000001b77b3fff AuthenticationServices (arm64e) <3540A9DC-83F6-328A-B90A-A8DE9D4F7B0B> (18615.3.5.11.2): /System/Library/Frameworks/AuthenticationServices.framework/Versions/A/AuthenticationServices
572: 0x00000001b80ac000 - 0x00000001b80bafff BiomeFoundation (arm64e) <7C4F25F8-6B8A-3A5A-B182-9708EEAB4746> (100.16.0.1): /System/Library/PrivateFrameworks/BioeFoundation.framework/Versions/A/BioeFoundation
573: 0x00000001b9d11000 - 0x00000001b9db8fff MMCS (arm64e) <6651C813-B4E7-3324-93EC-69D6417E29FD> (2050.13.1.1): /System/Library/PrivateFrameworks/MMCS.framework/Versions/A/MMCS
574: 0x00000001b9db9000 - 0x00000001b9e24fff InertiaCam (arm64e) <DC68DCF3-E2F4-348A-8404-71D2CB2351F0> (1): /System/Library/PrivateFrameworks/InertiaCam.framework/Versions/A/InertiaCam
575: 0x00000001b9fcf000 - 0x00000001b9fd6ffc libswiftMetal.dylib (arm64e)

<D68AC97F-391B-347B-9554-441E501F31F3> (unknown version): /usr/lib/swift/libswiftMetal.dylib
576: 0x00000001b9fd7000 - 0x00000001b9fddff7
libswiftCompression.dylib (arm64e)
<743D836A-17F5-389E-9984-8C2D79E35EDA> (unknown version): /usr/lib/swift/libswiftCompression.dylib
577: 0x00000001b9ff6000 - 0x00000001ba0aafff
SoundAnalysis (arm64e) <0821E4B5-3DDB-3BD6-AAB5-62E65FDAB399> (1): /System/Library/Frameworks/SoundAnalysis.framework/Versions/A/SoundAnalysis
578: 0x00000001ba551000 - 0x00000001ba56ffff FTAWD (arm64e) <1B8ECAE8-8FDC-36A0-AD8F-6866BF111E35> (900): /System/Library/PrivateFrameworks/FTAWD.framework/Versions/A/FTAWD
579: 0x00000001ba911000 - 0x00000001baa5afff BiomeStreams (arm64e) <ECE9CD04-F623-3468-9720-13876A251BC1> (100.16.0.1): /System/Library/PrivateFrameworks/BiomeStreams.framework/Versions/A/BiomeStreams
580: 0x00000001bacb6000 - 0x00000001bacc9fff SoftwareUpdateCoreConnect (arm64e) <92D5749D-816E-3678-96DC-C11A4AAC7E69> (1): /System/Library/PrivateFrameworks/SoftwareUpdateCoreConnect.framework/Versions/A/SoftwareUpdateCoreConnect
581: 0x00000001bbc39000 - 0x00000001bbe59fff Translation (arm64e) <8571B022-7B72-3743-94B7-52E7BD1656EE> (218.7): /System/Library/PrivateFrameworks/Translation.framework/Versions/A/Translation
582: 0x00000001bcb83000 - 0x00000001bcbccfff OSAnalytics (arm64e) <6C644F49-7686-3434-A4D3-69EF599B2411> (1): /System/Library/PrivateFrameworks/OSAnalytics.framework/Versions/A/OSAnalytics
583: 0x00000001bcd0000 - 0x00000001bcfd1fff CloudPhotoLibrary (arm64e) <978B4C0B-BCF5-3DDC-8655-35684BE36B3F> (551.0.140): /System/Library/PrivateFrameworks/CloudPhotoLibrary.framework/Versions/A/CloudPhotoLibrary
584: 0x00000001bcffa000 - 0x00000001bd38ffff SDAPI (arm64e) <263AC2AF-D946-3775-851B-FD9B3233C351> (1): /System/Library/PrivateFrameworks/SDAPI.framework/Versions/A/SDAPI
585: 0x00000001bd4f0000 - 0x00000001bd514fff libswiftAppKit.dylib (arm64e) <1C307777-A2EB-3686-81AB-9EEBE7569D58> (unknown version): /usr/lib/

swift/libswiftAppKit.dylib
586: 0x00000001bd515000 - 0x00000001bd516ff9
libswiftQuartzCore.dylib (arm64e) <236D4BCA-
FF32-30B8-8B0B-7351661092FD> (unknown version): /usr/lib/
swift/libswiftQuartzCore.dylib
587: 0x00000001bd879000 - 0x00000001bd87eff3 kperf
(arm64e) <BFE3E8BD-C82A-32AB-A0B4-2BD26E18F4F4> (1): /
System/Library/PrivateFrameworks/kperf.framework/
Versions/A/kperf
588: 0x00000001bd87f000 - 0x00000001bd94dfff ktrace
(arm64e) <0188ADDC-C360-3254-9C49-33DAB0D2DDA3>
(557.120.4): /System/Library/PrivateFrameworks/
ktrace.framework/Versions/A/ktrace
589: 0x00000001bd956000 - 0x00000001bd95cfff
AppStoreFoundation (arm64e) <91C57837-
F4E4-3082-96B0-3151EBC35F6C> (1): /System/Library/
PrivateFrameworks/AppStoreFoundation.framework/Versions/
A/AppStoreFoundation
590: 0x00000001bd95d000 - 0x00000001bd964fff
MobileSystemServices (arm64e) <EF788056-5388-3D02-
B1BE-167B4F62D4AB> (1): /System/Library/
PrivateFrameworks/MobileSystemServices.framework/
Versions/A/MobileSystemServices
591: 0x00000001bdf5a000 - 0x00000001bdf90fff
MediaConversionService (arm64e) <EBEDFC90-CE24-3872-
B7A6-3C351F3A9074> (551.0.140): /System/Library/
PrivateFrameworks/MediaConversionService.framework/
Versions/A/MediaConversionService
592: 0x00000001bdfc9000 - 0x00000001be026fff
SignpostSupport (arm64e) <3C7EC17C-
A81C-32B6-8681-9621051D3E6C> (100): /System/Library/
PrivateFrameworks/SignpostSupport.framework/Versions/A/
SignpostSupport
593: 0x00000001be027000 - 0x00000001be1eefff ModelIO
(arm64e) <538CDCB7-02B5-3770-BC72-E67A230997F3>
(264.5.2): /System/Library/Frameworks/ModelIO.framework/
Versions/A/ModelIO
594: 0x00000001be218000 - 0x00000001be32dfff
SampleAnalysis (arm64e) <C206EB09-67D8-3FDC-B4A4-
F775F32DD973> (332): /System/Library/PrivateFrameworks/
SampleAnalysis.framework/Versions/A/SampleAnalysis
595: 0x00000001be41e000 - 0x00000001be638fff NeutrinoCore
(arm64e) <D4027C5F-A686-3F3B-BF83-CA842F8AEAD4>
(551.0.140): /System/Library/PrivateFrameworks/

NeutrinoCore.framework/Versions/A/NeutrinoCore
596: 0x00000001bef50000 - 0x00000001bef8efff BiomePubSub
(arm64e) <0B6487FC-48BD-30F7-83AC-2A35B058B011>
(100.16.0.1): /System/Library/PrivateFrameworks/
BiomePubSub.framework/Versions/A/BiomePubSub
597: 0x00000001bef8f000 - 0x00000001befcafff BiomeStorage
(arm64e) <F503D95B-9EA3-39C8-9C17-478822E96D28>
(100.16.0.1): /System/Library/PrivateFrameworks/
BiomeStorage.framework/Versions/A/BiomeStorage
598: 0x00000001bf87b000 - 0x00000001bf984fff
PhotosFormats (arm64e) <00FD3A67-5947-3D06-
BB89-180895A02C89> (551.0.140): /System/Library/
PrivateFrameworks/PhotosFormats.framework/Versions/A/
PhotosFormats
599: 0x00000001bf985000 - 0x00000001bf98cfff PIP (arm64e)
<6C225932-F7C5-378C-8EF2-A75747C0FE29> (116.1): /System/
Library/PrivateFrameworks/PIP.framework/Versions/A/PIP
600: 0x00000001c131e000 - 0x00000001c1321fff
FinderSyncPriv (arm64e) <EFDA35AD-1FB6-3C43-
BCEC-09C382398FF1> (1564.6.2): /System/Library/
PrivateFrameworks/FinderSyncPriv.framework/Versions/A/
FinderSyncPriv
601: 0x00000001c1322000 - 0x00000001c1436fff
CoreMediaStream (arm64e) <89DA1481-456A-34E0-
AEC9-649401DF7CA5> (551.0.140): /System/Library/
PrivateFrameworks/CoreMediaStream.framework/Versions/A/
CoreMediaStream
602: 0x00000001c1437000 - 0x00000001c1445ff1
libswiftUniformTypeIdentifiers.dylib (arm64e)
<F532C60F-74B4-3479-AAA7-5A66F5280E2F> (unknown
version): /usr/lib/swift/
libswiftUniformTypeIdentifiers.dylib
603: 0x00000001c1446000 - 0x00000001c1518fff
libswiftAccelerate.dylib (arm64e) <CCC57C3B-F4BB-310A-
B8B3-2141915AB482> (unknown version): /usr/lib/swift/
libswiftAccelerate.dylib
604: 0x00000001c1609000 - 0x00000001c161cfff
libpartition2_dynamic.dylib (arm64e) <85D1A4BD-40DC-30B8-
BDCD-E37CB28C2E7C> (unknown version): /usr/lib/
libpartition2_dynamic.dylib
605: 0x00000001c3457000 - 0x00000001c361afff PhotoImaging
(arm64e) <8725E632-0ABC-304D-92AB-ACA0C63D41C3>
(551.0.140): /System/Library/PrivateFrameworks/
PhotoImaging.framework/Versions/A/PhotoImaging

606: 0x00000001c41de000 - 0x00000001c421cfff
PhotosImagingFoundation (arm64e) <A42CB5FD-AB0D-34F6-BDD1-7A292CA727A5> (551.0.140): /System/Library/PrivateFrameworks/PhotosImagingFoundation.framework/Versions/A/PhotosImagingFoundation

607: 0x00000001c421d000 - 0x00000001c4229fff
CloudPhotoServices (arm64e) <A5E7A225-73D1-3FEE-A043-7CD6CC7E66BB> (551.0.140): /System/Library/PrivateFrameworks/CloudPhotoServices.framework/Versions/A/CloudPhotoServices

608: 0x00000001c422a000 - 0x00000001c4284fff AutoLoop (arm64e) <330D07B3-7ABB-3C9A-8402-A65CAFEC6707> (1): /System/Library/PrivateFrameworks/AutoLoop.framework/Versions/A/AutoLoop

609: 0x00000001c432d000 - 0x00000001c4520fff Osprey (arm64e) <9FC4BFFD-1B8D-3084-A074-CE6FE0131182> (1): /System/Library/PrivateFrameworks/Osprey.framework/Versions/A/Osprey

610: 0x00000001c4856000 - 0x00000001c4857fff
libswiftCryptoTokenKit.dylib (arm64e) <A173CF9C-9E0D-3AFC-ADEE-857CDB2BEBBA> (unknown version): /usr/lib/swift/libswiftCryptoTokenKit.dylib

611: 0x00000001c4858000 - 0x00000001c488fff2
libswiftCoreMedia.dylib (arm64e) <0922FF1B-D206-369E-8402-4B128B8FEFA3> (unknown version): /usr/lib/swift/libswiftCoreMedia.dylib

612: 0x00000001c5848000 - 0x00000001c5850fff3 kperfddata (arm64e) <7C5A3DA1-B019-308A-80BA-47FC7E0BDF41> (1): /System/Library/PrivateFrameworks/kperfddata.framework/Versions/A/kperfddata

613: 0x00000001c585f000 - 0x00000001c586afff Reveal (arm64e) <4BE3B587-33FC-3D7C-B9A1-402C7E6C787F> (33.3): /System/Library/PrivateFrameworks/Reveal.framework/Versions/A/Reveal

614: 0x00000001c586b000 - 0x00000001c5871fff RevealCore (arm64e) <301CA5BE-E427-354C-A17A-CD7F6DCBFD43> (33.3): /System/Library/PrivateFrameworks/RevealCore.framework/Versions/A/RevealCore

615: 0x00000001c5aad000 - 0x00000001c5abcbfff
BulkSymbolication (arm64e) <DA1A2126-C2FB-3D21-BBA7-489BD183ABD3> (332): /System/Library/PrivateFrameworks/BulkSymbolication.framework/Versions/A/BulkSymbolication

616: 0x00000001c5abd000 - 0x00000001c5abeffb

libswiftOSLog.dylib (arm64e) <A8D5EE99-D744-3585-8FF4-81D7E1CCCECE> (unknown version): /usr/lib/swift/libswiftOSLog.dylib
617: 0x00000001c5d5f000 - 0x00000001c5d7eff6
libswiftAVFoundation.dylib (arm64e) <503C7120-C740-3D0D-9817-8A4B4C0E3404> (unknown version): /usr/lib/swift/libswiftAVFoundation.dylib
618: 0x00000001c8b87000 - 0x00000001c8bd2fff PhysicsKit (arm64e) <8E05F10F-255C-3F4E-8305-CBA0C7F3B678> (1): /System/Library/PrivateFrameworks/PhysicsKit.framework/Versions/A/PhysicsKit
619: 0x00000001c8c27000 - 0x00000001c8ceefff Symbolication (arm64e) <C4CAFA91-97B9-38DC-89D4-25957B3088F3> (64559.91.2): /System/Library/PrivateFrameworks/Symbolication.framework/Versions/A/Symbolication
620: 0x00000001c9144000 - 0x00000001c9166fff CoreMaterial (arm64e) <DCBABA83-CAE2-3FCE-9DCA-5FCB1D192AD1> (1): /System/Library/PrivateFrameworks/CoreMaterial.framework/Versions/A/CoreMaterial
621: 0x00000001cbca0000 - 0x00000001cbcaffff OSLog (arm64e) <8A402573-4F88-317D-BB21-EFE84AE0B071> (1431.140.1.0.1): /System/Library/Frameworks/OSLog.framework/Versions/A/OSLog
622: 0x00000001cbe26000 - 0x00000001cbe3dfff ScriptingBridge (arm64e) <21B68C23-8B93-3F1A-B5F7-237D2E616033> (86): /System/Library/Frameworks/ScriptingBridge.framework/Versions/A/ScriptingBridge
623: 0x00000001cbec2000 - 0x00000001cbffa0 InternalSwiftProtobuf (arm64e) <0315C9B5-5351-32C1-A485-F7C677B49A1B> (1.20.2): /System/Library/PrivateFrameworks/InternalSwiftProtobuf.framework/Versions/A/InternalSwiftProtobuf
624: 0x00000001cc118000 - 0x00000001cc1fffff StoreKit (arm64e) <C5F785EF-AF43-31B9-A8C8-FA63F5F39B2E> (1): /System/Library/Frameworks/StoreKit.framework/Versions/A/StoreKit
625: 0x00000001cc200000 - 0x00000001cc207fff StoreKitUIMac (arm64e) <797A573E-86D0-3F23-81B5-7C7623BA2C15> (1): /System/Library/PrivateFrameworks/StoreKitUIMac.framework/Versions/A/StoreKitUIMac
626: 0x00000001cdb27000 - 0x00000001cdbabff1
libswiftNetwork.dylib (arm64e) <70E193FE-2395-35E6-

```
ABDB-3D15041F4FF1> (unknown version): /usr/lib/swift/
libswiftNetwork.dylib
627: 0x00000001cdd2a000 - 0x00000001cdd88ff0 CryptoKit
(arm64e) <05471EC8-9DED-3CB7-8A6F-8796A3A14C4A> (1): /
System/Library/Frameworks/CryptoKit.framework/Versions/A/
CryptoKit
628: 0x00000001d0876000 - 0x00000001d0893ffb
libedit.3.dylib (arm64e) <C618770C-CF4E-32C6-A00F-
B6F3AC506AAD> (unknown version): /usr/lib/libedit.3.dylib
629: 0x00000001d08a9000 - 0x00000001d08f8ffb
libswiftDemangle.dylib (arm64e) <4ED08E5D-03DA-3965-93BD-
F7D865559990> (unknown version): /usr/lib/swift/
libswiftDemangle.dylib
630: 0x00000001d2123000 - 0x00000001d2123ffb FeatureFlags
(arm64e) <46200717-EE4E-3490-BB64-0AADB49D188B> (74): /
System/Library/PrivateFrameworks/FeatureFlags.framework/
Versions/A/FeatureFlags
631: 0x00000001d21b0000 - 0x00000001d21dbfff
WiFiPeerToPeer (arm64e)
<034CA395-67A1-3747-9A01-73C15B106976> (517.2): /System/
Library/PrivateFrameworks/WiFiPeerToPeer.framework/
Versions/A/WiFiPeerToPeer
632: 0x00000001d8ea8000 - 0x00000001d8eabfff
ConfigProfileHelper (arm64e) <2C4B5B09-
E757-3F1B-96B4-31876DD0DAF1> (1531): /System/Library/
PrivateFrameworks/ConfigProfileHelper.framework/Versions/
A/ConfigProfileHelper
633: 0x00000001d9485000 - 0x00000001d9a90fff ANECompiler
(arm64e) <AB0133C4-E967-3CAA-97CA-F2C4BAE0BBF8>
(6.9.3): /System/Library/PrivateFrameworks/
ANECompiler.framework/Versions/A/ANECompiler
634: 0x00000001f16f3000 - 0x00000001f16f9fff
libCoreFSCache.dylib (arm64e) <FDD95E31-01E4-39B1-
AC1D-541DC793FBE5> (unknown version): /System/Library/
Frameworks/OpenGL.framework/Versions/A/Libraries/
libCoreFSCache.dylib
635: 0x00000001f16fa000 - 0x00000001f16ffffb
libCoreVMClient.dylib (arm64e)
<627957C5-2136-32E0-8799-16F759AA6714> (unknown
version): /System/Library/Frameworks/OpenGL.framework/
Versions/A/Libraries/libCoreVMClient.dylib
636: 0x00000001f1700000 - 0x00000001f1710ffb OpenGL
(arm64e) <BF7B1AAC-6FE4-3C10-BA45-E25381FD4EDE>
(20.5.2): /System/Library/Frameworks/OpenGL.framework/
```

Versions/A/OpenGL

637: 0x00000001f1711000 - 0x00000001f1713fff
libCVMSPuginSupport.dylib (arm64e) <9D26C111-
C43C-3C6F-9BEE-61E213FAD1DF> (unknown version): /System/
Library/Frameworks/OpenGL.framework/Versions/A/Libraries/
libCVMSPuginSupport.dylib
638: 0x00000001f1714000 - 0x00000001f171cfff
libGFXShared.dylib (arm64e) <22E2BCD4-F5C5-3DFA-
A3F8-9D932E219496> (unknown version): /System/Library/
Frameworks/OpenGL.framework/Versions/A/Libraries/
libGFXShared.dylib
639: 0x00000001f171d000 - 0x00000001f1754fff
libGLImage.dylib (arm64e) <71D5CF1D-BC82-3F2D-A32C-
A6B4EAFB8481> (unknown version): /System/Library/
Frameworks/OpenGL.framework/Versions/A/Libraries/
libGLImage.dylib
640: 0x00000001f1755000 - 0x00000001f178eff7 libGLU.dylib
(arm64e) <4A0E9BCA-64AF-3CD5-ADF2-CBF20A23A21F> (unknown
version): /System/Library/Frameworks/OpenGL.framework/
Versions/A/Libraries/libGLU.dylib
641: 0x00000001f18ef000 - 0x00000001f18f8fff libGL.dylib
(arm64e) <47BC1E4E-ACF0-3074-AE9E-75E676595D50> (unknown
version): /System/Library/Frameworks/OpenGL.framework/
Versions/A/Libraries/libGL.dylib
642: 0x00000001f1a90000 - 0x00000001f1afffff OpenCL
(arm64e) <90539BAA-8757-38AE-A6FC-E9F49E3AA7B1> (5.3): /
System/Library/Frameworks/OpenCL.framework/Versions/A/
OpenCL
643: 0x00000001f1b65000 - 0x00000001f2239fff AGXMetal13_3
(arm64e) <F2346C75-21E5-386C-AB46-2DAC6105DBDA>
(227.7.10): /System/Library/Extensions/
AGXMetal13_3.bundle/Contents/MacOS/AGXMetal13_3
644: 0x00000001f328e000 - 0x00000001f33a8fff AVFAudio
(arm64e) <A416E511-F696-3CD1-86B8-0FFD8F97D4EB> (1.0): /
System/Library/Frameworks/AVFAudio.framework/Versions/A/
AVFAudio
645: 0x00000001f3d8b000 - 0x00000001f3dc8fff
CoreTransferable (arm64e)
<24D5BA0A-0506-3C02-9FD0-8F445B9FE01A> (1): /System/
Library/Frameworks/CoreTransferable.framework/Versions/A/
CoreTransferable
646: 0x00000001f4082000 - 0x00000001f40ecfff
ExtensionFoundation (arm64e) <0B804FDB-5732-3464-9598-
EDA9BED6B0E9> (97): /System/Library/Frameworks/

ExtensionFoundation.framework/Versions/A/
ExtensionFoundation
647: 0x00000001f5556000 - 0x00000001f5569fff MPSFunctions
(arm64e) <AC9A6724-06F8-3647-AE3D-A2DF1F1853E0> (1): /
System/Library/Frameworks/
MetalPerformanceShaders.framework/Versions/A/Frameworks/
MPSFunctions.framework/Versions/A/MPSFunctions
648: 0x00000001f556a000 - 0x00000001f61e7fff
MetalPerformanceShadersGraph (arm64e)
<774051BA-5856-3CB8-98A0-3FDDE9AA5753> (1): /System/
Library/Frameworks/
MetalPerformanceShadersGraph.framework/Versions/A/
MetalPerformanceShadersGraph
649: 0x00000001f6a8f000 - 0x00000001f6aaeff7 OpenAL
(arm64e) <7DABD84C-6DFE-3886-9498-2AD572A7DADF> (1.8): /
System/Library/Frameworks/OpenAL.framework/Versions/A/
OpenAL
650: 0x00000001f6d61000 - 0x00000001f6e90fff QuickLookUI
(arm64e) <527ACD14-49D7-3711-9EF6-145749A926CF>
(965.6): /System/Library/Frameworks/
QuickLookUI.framework/Versions/A/QuickLookUI
651: 0x00000001f75d7000 - 0x00000001f75f2fff
SharedWithYouCore (arm64e)
<AF7CF0DF-1190-34BD-845B-4BD0FDCF4724> (1): /System/
Library/Frameworks/SharedWithYouCore.framework/Versions/
A/SharedWithYouCore
652: 0x00000001f767b000 - 0x00000001f77e6fff SpriteKit
(arm64e) <669113B6-5C29-33A6-BA95-921495B47B28> (1): /
System/Library/Frameworks/SpriteKit.framework/Versions/A/
SpriteKit
653: 0x00000001f7ef3000 - 0x00000001f82bafff libANGLE-
shared.dylib (arm64e) <E0E8E807-7504-31BA-9732-
BEAB32960FA7> (unknown version): /System/Library/
Frameworks/WebKit.framework/Versions/A/Frameworks/
WebCore.framework/Versions/A/Frameworks/libANGLE-
shared.dylib
654: 0x00000001f8528000 - 0x00000001f853bfff
AAAFoundation (arm64e) <2F0B8197-
B195-3D88-9B0B-79ECA26052A5> (1): /System/Library/
PrivateFrameworks/AAAFoundation.framework/Versions/A/
AAAFoundation
655: 0x00000001f853c000 - 0x00000001f858dff7
AAAFoundationSwift (arm64e) <9B9534E8-8CE8-37A5-8E01-
A6451853D825> (1): /System/Library/PrivateFrameworks/

AAAFoundationSwift.framework/Versions/A/
AAAFoundationSwift
656: 0x00000001f8b97000 - 0x00000001f8be2fff AVKitCore
(arm64e) <C0F11EC5-A2F6-39F8-9106-9447AF326193>
(1048.4.6): /System/Library/PrivateFrameworks/
AVKitCore.framework/Versions/A/AVKitCore
657: 0x00000001f8ca7000 - 0x00000001f8cb2fff
AccessibilityBundles (arm64e) <737C076E-6608-38B6-A155-
DC33561E3B98> (221.6.7): /System/Library/
PrivateFrameworks/AccessibilityBundles.framework/
Versions/A/AccessibilityBundles
658: 0x00000001f9ecb000 - 0x00000001f9f5efff AppleDepth
(arm64e) <55D3FC56-BCBE-39BF-B996-416CBF2B42EC> (82.0): /
System/Library/PrivateFrameworks/AppleDepth.framework/
Versions/A/AppleDepth
659: 0x00000001f9f5f000 - 0x00000001f9fbafff
AppleDepthCore (arm64e)
<7F6EE107-0E81-34DC-8D84-0A486D83BF03> (82.0): /System/
Library/PrivateFrameworks/AppleDepthCore.framework/
Versions/A/AppleDepthCore
660: 0x00000001fa087000 - 0x00000001fa096fff
AppleMobileFileIntegrity (arm64e)
<09B63DC2-50D6-3E8A-8523-F4C21CE37866> (1): /System/
Library/PrivateFrameworks/
AppleMobileFileIntegrity.framework/Versions/A/
AppleMobileFileIntegrity
661: 0x00000001fa441000 - 0x00000001fa4b6fff
AuthenticationServicesCore (arm64e) <407396F1-F503-3389-
B4C5-2CA8662A854D> (18615.3.5.11.2): /System/Library/
PrivateFrameworks/AuthenticationServicesCore.framework/
Versions/A/AuthenticationServicesCore
662: 0x00000001fa5d1000 - 0x00000001fa5eafff BiomeDSL
(arm64e) <41E12FC6-B9C5-3AF7-BAAA-5DDBDAFA9F83>
(100.16.0.1): /System/Library/PrivateFrameworks/
BiomeDSL.framework/Versions/A/BiomeDSL
663: 0x00000001fa5eb000 - 0x00000001fa607fff
BiomeFlexibleStorage (arm64e) <7118C1EC-
E00A-395E-89ED-2A8D1C6A7CE0> (100.16.0.1): /System/
Library/PrivateFrameworks/BiomeFlexibleStorage.framework/
Versions/A/BiomeFlexibleStorage
664: 0x00000001fa7a3000 - 0x00000001fa7bcfff
BiomeSequence (arm64e) <2E3258B7-E427-3054-
A3EF-5965280BCD28> (100.16.0.1): /System/Library/
PrivateFrameworks/BiomeSequence.framework/Versions/A/

BiomeSequence

665: 0x00000001fab40000 - 0x00000001fab71fff CBORLibrary
(arm64e) <EA9F0EE3-3CD6-3CC8-9E5E-1DFC10641DC9> (1): /
System/Library/PrivateFrameworks/CBORLibrary.framework/
Versions/A/CBORLibrary

666: 0x00000001fac02000 - 0x00000001fac30fff CMImaging
(arm64e) <F0823D9D-B5AE-389D-A319-DDC4FC960526> (1.0): /
System/Library/PrivateFrameworks/CMImaging.framework/
Versions/A/CMImaging

667: 0x00000001fac31000 - 0x00000001facffffff CMPPhoto
(arm64e) <3BE0AE6B-92BE-37D5-81A2-BEDE04B66BF1> (1): /
System/Library/PrivateFrameworks/CMPPhoto.framework/
Versions/A/CMPPhoto

668: 0x00000001faf5e000 - 0x00000001faf80ffb Chirp
(arm64e) <EDFA29F1-A01D-3B46-B30E-EDB6DA085D24> (1): /
System/Library/PrivateFrameworks/Chirp.framework/
Versions/A/Chirp

669: 0x00000001faf96000 - 0x00000001fb0c0fff
CloudKitDistributedSync (arm64e)
<311D9FE5-7DBE-3033-9484-433CA960B9F0> (2060.11): /
System/Library/PrivateFrameworks/
CloudKitDistributedSync.framework/Versions/A/
CloudKitDistributedSync

670: 0x00000001fb6d1000 - 0x00000001fb6e2fff
CollectionViewCore (arm64e) <08BE87F3-
A389-3FB2-94E6-35B65E6A2D28> (1): /System/Library/
PrivateFrameworks/CollectionViewCore.framework/Versions/
A/CollectionViewCore

671: 0x00000001fb7e8000 - 0x00000001fb7ebfff
ContactsMetrics (arm64e) <1E6BE375-0FDA-3CBD-8F40-
F37FD7A3AC0E> (13): /System/Library/PrivateFrameworks/
ContactsMetrics.framework/Versions/A/ContactsMetrics

672: 0x00000001fc164000 - 0x00000001fc18aff3 CoreGlyphs
(arm64e) <3C9BAA46-8916-3CB3-A3D9-8656D2376B6F>
(101.4.0.2): /System/Library/PrivateFrameworks/
CoreGlyphs.framework/Versions/A/CoreGlyphs

673: 0x00000001fel63000 - 0x00000001fel80fff
CoreUtilsExtras (arm64e) <6A9EECC6-FE8F-32BE-
B3DC-397D4E8D1440> (710.18.2): /System/Library/
PrivateFrameworks/CoreUtilsExtras.framework/Versions/A/
CoreUtilsExtras

674: 0x00000001fe25a000 - 0x00000001fe261fff Darwinup
(arm64e) <5D46E1F0-8DB4-3525-9591-C19DA64D304D>
(239.60.2): /System/Library/PrivateFrameworks/

Darwinup.framework/Versions/A/Darwinup
675: 0x00000001ff88c000 - 0x00000001ff88cffb FontServices
(arm64e) <87BA498B-0622-36C7-AEA1-85D00C2693BA> (1): /
System/Library/PrivateFrameworks/FontServices.framework/
Versions/A/FontServices
676: 0x00000001ff88d000 - 0x00000001ff91afff
libXTFontStaticRegistryData.dylib (arm64e) <9F92F33F-
B988-3FF0-A63A-501154D04BD5> (unknown version): /System/
Library/PrivateFrameworks/FontServices.framework/
libXTFontStaticRegistryData.dylib
677: 0x00000001ff91f000 - 0x00000001ff96afff
FusionTracker (arm64e)
<DD9A365C-8BE7-3A8E-8CC6-45A952667F57> (1): /System/
Library/PrivateFrameworks/FusionTracker.framework/
Versions/A/FusionTracker
678: 0x00000001ff96b000 - 0x00000001ff96efff
libGPUCompilerUtils.dylib (arm64e) <BA02F5C2-C517-3A0B-
B4AE-E18E31183389> (unknown version): /System/Library/
PrivateFrameworks/GPUCompiler.framework/Versions/31001/
Libraries/libGPUCompilerUtils.dylib
679: 0x00000001ff96f000 - 0x00000001ff9b6ff7 libllvm-
flatbuffers.dylib (arm64e) <00066F5A-AF1B-384C-
A86E-790540938D64> (unknown version): /System/Library/
PrivateFrameworks/GPUCompiler.framework/Versions/31001/
Libraries/libllvm-flatbuffers.dylib
680: 0x0000000200492000 - 0x0000000200496fff
GeoServicesCore (arm64e) <1221D829-
E18B-380B-9467-23179C4E79CE> (1889.26.4.20.2): /System/
Library/PrivateFrameworks/GeoServicesCore.framework/
Versions/A/GeoServicesCore
681: 0x0000000203106000 - 0x0000000203149fff
IASUtilitiesCore (arm64e) <5FEBCD67-4FD6-355E-A492-
EAEC999BE62B> (1): /System/Library/PrivateFrameworks/
IASUtilitiesCore.framework/Versions/A/IASUtilitiesCore
682: 0x00000002031d6000 - 0x0000000203225fff IO80211
(arm64e) <8AA797F3-B9F9-3423-B479-6E79D67CD1AC> (1): /
System/Library/PrivateFrameworks/IO80211.framework/
Versions/A/IO80211
683: 0x0000000203340000 - 0x0000000203413fff
InstalledContentLibrary (arm64e)
<DFFBEEEF-54CA-3ABA-998E-2F5DC1E441E0> (1.0): /System/
Library/PrivateFrameworks/
InstalledContentLibrary.framework/Versions/A/
InstalledContentLibrary

684: 0x0000000203df3000 - 0x0000000203e12fff Jet (arm64e)
<CF670F78-FD15-387E-9F1C-760D1B5C1BDB> (1): /System/
Library/PrivateFrameworks/Jet.framework/Versions/A/Jet
685: 0x00000002044ed000 - 0x00000002047a4fff MIL (arm64e)
<E4C5A41A-A37D-3C22-8C33-F9A5B60899F1> (4.28.4): /System/
Library/PrivateFrameworks/MIL.framework/Versions/A/MIL
686: 0x00000002047a5000 - 0x00000002048e8fff MLAssetIO
(arm64e) <500FCAB4-039E-3BA5-80AB-683DEA045054>
(1436.140.1.0.1): /System/Library/PrivateFrameworks/
MLAssetIO.framework/Versions/A/MLAssetIO
687: 0x0000000204e3f000 - 0x0000000204e5efff
MediaAnalysisServices (arm64e) <A0A87637-5AA5-3618-
A7F4-60BB2D226911> (1): /System/Library/
PrivateFrameworks/MediaAnalysisServices.framework/
Versions/A/MediaAnalysisServices
688: 0x00000002052bf000 - 0x00000002052ebfff
MessageSecurity (arm64e) <EFA1ECF5-362F-3B67-835E-
E6EC27FDEFF4> (1.0): /System/Library/PrivateFrameworks/
MessageSecurity.framework/Versions/A/MessageSecurity
689: 0x00000002053c8000 - 0x0000000205523fff MilAneflow
(arm64e) <538DE47F-F71C-36F8-AE62-5A99AAA14D39> (1): /
System/Library/PrivateFrameworks/MilAneflow.framework/
Versions/A/MilAneflow
690: 0x0000000207da6000 - 0x0000000207ea8fff
PhotoLibraryServicesCore (arm64e) <541EDE53-8F03-396D-
A733-A1E9E1E19A44> (551.0.140): /System/Library/
PrivateFrameworks/PhotoLibraryServicesCore.framework/
Versions/A/PhotoLibraryServicesCore
691: 0x0000000208349000 - 0x0000000208360fff
PhotosensitivityProcessing (arm64e) <5BDD0F31-9A8A-32BC-
AADA-0D7ECE3A7C95> (1): /System/Library/
PrivateFrameworks/PhotosensitivityProcessing.framework/
Versions/A/PhotosensitivityProcessing
692: 0x000000020838d000 - 0x0000000208428fff PlatformSSO
(arm64e) <78836674-A6D0-3223-9BF9-8CE82E50B210> (1): /
System/Library/PrivateFrameworks/PlatformSSO.framework/
Versions/A/PlatformSSO
693: 0x0000000208452000 - 0x0000000208505fff Portrait
(arm64e) <E6304851-08D1-32D4-A38A-9AD5DDFD4CB3> (1): /
System/Library/PrivateFrameworks/Portrait.framework/
Versions/A/Portrait
694: 0x0000000208f1e000 - 0x0000000208f31fff
RecapPerformanceTesting (arm64e)
<10543A89-83CB-3769-809D-F52F1CBF2CB1> (17): /System/

Library/PrivateFrameworks/
RecapPerformanceTesting.framework/Versions/A/
RecapPerformanceTesting
695: 0x0000000209afe000 - 0x0000000209b7afff
SiriAnalytics (arm64e) <E5063DB3-
D455-3110-9903-02B9DED3FEEF> (1): /System/Library/
PrivateFrameworks/SiriAnalytics.framework/Versions/A/
SiriAnalytics
696: 0x000000020a143000 - 0x000000020a1ccfff
SiriCrossDeviceArbitrationFeedback (arm64e)
<4D123123-2326-31BC-9DAD-C79C41972B57> (1): /System/
Library/PrivateFrameworks/
SiriCrossDeviceArbitrationFeedback.framework/Versions/A/
SiriCrossDeviceArbitrationFeedback
697: 0x000000020be53000 - 0x000000020be5bfff
SiriPowerInstrumentation (arm64e) <9DFB8472-6E23-3EB3-
AC12-AFAC7A7EB984> (1.0): /System/Library/
PrivateFrameworks/SiriPowerInstrumentation.framework/
Versions/A/SiriPowerInstrumentation
698: 0x000000020c9ed000 - 0x000000020d318fff SiriTTS
(arm64e) <A671970A-3453-3888-8ABD-87597F5E75B6> (1): /
System/Library/PrivateFrameworks/SiriTTS.framework/
Versions/A/SiriTTS
699: 0x000000020d319000 - 0x000000020d492fff
SiriTTSService (arm64e) <97E7027D-
F647-339F-8D60-3C40F5EB7E4B> (1): /System/Library/
PrivateFrameworks/SiriTTSService.framework/Versions/A/
SiriTTSService
700: 0x000000020ee48000 - 0x000000020ee4bfff
TailspinSymbolication (arm64e) <F0D14BF8-8156-3C19-
B78D-4CDD98D96C8D> (153): /System/Library/
PrivateFrameworks/TailspinSymbolication.framework/
Versions/A/TailspinSymbolication
701: 0x00000002105da000 - 0x00000002105e1fff
TranslationUIServices (arm64e) <2701967D-B698-3ECA-
A78F-9BFB1A9383AB> (1): /System/Library/
PrivateFrameworks/TranslationUIServices.framework/
Versions/A/TranslationUIServices
702: 0x0000000211535000 - 0x0000000211538fff
USDLib_FormatLoaderProxy (arm64e) <8C37C4D1-
B09C-32BE-8491-DEE07C9BF015> (20.105.7): /System/Library/
PrivateFrameworks/USDLib_FormatLoaderProxy.framework/
Versions/A/USDLib_FormatLoaderProxy
703: 0x00000002115fe000 - 0x0000000211609fff

UnifiedAssetFramework (arm64e) <AF488F2F-798E-3648-A70B-33396CB84860> (1): /System/Library/PrivateFrameworks/UnifiedAssetFramework.framework/Versions/A/UnifiedAssetFramework
704: 0x0000000212311000 - 0x0000000212314fff
VideoToolboxParavirtualizationSupport (arm64e) <43DF6B81-9E00-3BAE-9BBA-E15CDC918F6D> (13.4.13): /System/Library/PrivateFrameworks/VideoToolboxParavirtualizationSupport.framework/Versions/A/VideoToolboxParavirtualizationSupport
705: 0x0000000212b8e000 - 0x0000000212c5dfff
VisionKitCore (arm64e) <0DD44511-E84E-3E61-9015-56DBF32E75F5> (1): /System/Library/PrivateFrameworks/VisionKitCore.framework/Versions/A/VisionKitCore
706: 0x0000000213744000 - 0x00000002137a7fff WebGPU (arm64e) <BA17062F-FF50-3702-9B47-D670BAE04B90> (18615.3.5.11.2): /System/Library/PrivateFrameworks/WebGPU.framework/Versions/A/WebGPU
707: 0x00000002137b4000 - 0x00000002137c8fff
WindowManagement (arm64e) <42AFED7A-E75C-3EFD-A943-A47D68EB9D83> (61.15): /System/Library/PrivateFrameworks/WindowManagement.framework/Versions/A/WindowManagement
708: 0x00000002191f1000 - 0x00000002191f8fff
libAccessibilityBaseImplementations.dylib (arm64e) <6AB3E8C3-E679-3DF8-A8D9-E45340E1A188> (unknown version): /usr/lib/
libAccessibilityBaseImplementations.dylib
709: 0x00000002191f9000 - 0x0000000219284fdf
libAppleArchive.dylib (arm64e) <CAB45E0A-8B07-368D-8095-77380F9E829D> (unknown version): /usr/lib/libAppleArchive.dylib
710: 0x0000000219301000 - 0x0000000219304fff
libBASupport.dylib (arm64e) <80BB8EDD-2931-3FA6-95B1-55DA98B86412> (unknown version): /usr/lib/libBASupport.dylib
711: 0x0000000219324000 - 0x000000021932ffff
libCoreEntitlements.dylib (arm64e) <01685655-D823-3FA2-920E-73B1A973307B> (unknown version): /usr/lib/
libCoreEntitlements.dylib
712: 0x00000002194a6000 - 0x00000002194adffb
libRosetta.dylib (arm64e) <AF6B228E-26B1-32B8-82EF-B4D72EB8E79C> (unknown version): /usr/lib/
libRosetta.dylib

713: 0x00000002194c7000 - 0x00000002194d2fff libTLE.dylib
(arm64e) <8B467BD8-77E8-365E-93C4-3D93746BDD5F> (unknown
version): /usr/lib/libTLE.dylib
714: 0x00000002197f4000 - 0x0000000219904fff
libcrypto.46.dylib (arm64e) <D2C26603-87F6-35E1-
A881-77A3950910F1> (unknown version): /usr/lib/
libcrypto.46.dylib
715: 0x0000000219e75000 - 0x0000000219eadfff
libssl.48.dylib (arm64e)
<A8F8C001-538B-36DB-89B4-9A863A71EFBB> (unknown
version): /usr/lib/libssl.48.dylib
716: 0x000000021a0b9000 - 0x000000021a0caff8
libswiftExtensionFoundation.dylib (arm64e)
<4BE438DB-552D-3040-AB66-27874609197C> (unknown
version): /usr/lib/swift/
libswiftExtensionFoundation.dylib
717: 0x000000021a0ef000 - 0x000000021a0f0fff
libswiftFileProvider.dylib (arm64e)
<2258A156-3742-3747-8379-CF73893F4C0A> (unknown
version): /usr/lib/swift/libswiftFileProvider.dylib
718: 0x000000021a196000 - 0x000000021a19affd
libswiftPhotos.dylib (arm64e) <E45F05D5-
E823-3E3E-994F-204FB01068CD> (unknown version): /usr/lib/
swift/libswiftPhotos.dylib
719: 0x000000021a1a7000 - 0x000000021a1b2ffd
libswiftPrivate_BiomePubSub.dylib (arm64e)
<69DC5282-8E27-3286-9218-25282200F7C9> (unknown
version): /usr/lib/swift/
libswiftPrivate_BiomePubSub.dylib
720: 0x000000021a1b3000 - 0x000000021a1b7ffc
libswiftPrivate_BiomeStreams.dylib (arm64e)
<1C3C7B2F-8F06-3A7B-A4D5-E62DBEDF7AB0> (unknown
version): /usr/lib/swift/
libswiftPrivate_BiomeStreams.dylib
721: 0x000000021a242000 - 0x000000021a29cffb
libswift_Concurrency.dylib (arm64e)
<AF936B9F-8AC7-3345-915E-3C2916311BD4> (unknown
version): /usr/lib/swift/libswift_Concurrency.dylib
722: 0x000000021a2e0000 - 0x000000021a38fff7
libswift_RegexParser.dylib (arm64e) <616CA0C8-5B01-3964-
A1E5-AD506EA412ED> (unknown version): /usr/lib/swift/
libswift_RegexParser.dylib
723: 0x000000021a390000 - 0x000000021a43afff
libswift_StringProcessing.dylib (arm64e) <097C2A0E-

BDC8-377B-B926-F916133AE1F1> (unknown version): /usr/lib/
swift/libswift_StringProcessing.dylib
724: 0x000000021a62f000 - 0x000000021a6feff7
libAlembic.dylib (arm64e) <8D164B9D-2827-3FC3-8500-
D95C6F8AFEBE> (unknown version): /usr/lib/usb/
libAlembic.dylib
725: 0x000000021a6ff000 - 0x000000021a742fff
libHalf.dylib (arm64e) <E4895261-595C-364B-
AFA3-1E619B931339> (unknown version): /usr/lib/usb/
libHalf.dylib
726: 0x000000021a743000 - 0x000000021a74afff libIex.dylib
(arm64e) <D77E3DB9-6EB8-3378-BB09-CB73FF2070D7> (unknown
version): /usr/lib/usb/libIex.dylib
727: 0x000000021a74b000 - 0x000000021a74efff
libIexMath.dylib (arm64e) <A8606117-51AF-304B-8840-
FF6B8F8047FC> (unknown version): /usr/lib/usb/
libIexMath.dylib
728: 0x000000021a74f000 - 0x000000021a752ffb
libIlmThread.dylib (arm64e) <2C40B196-68AD-3E13-
BE5F-42FEA5117C18> (unknown version): /usr/lib/usb/
libIlmThread.dylib
729: 0x000000021a753000 - 0x000000021a75afff
libImath.dylib (arm64e)
<D26AE9E7-2206-39BD-848C-222EE49D0D53> (unknown
version): /usr/lib/usb/libImath.dylib
730: 0x000000021a75b000 - 0x000000021a7bafff
libMaterialXCore.dylib (arm64e) <A3ADFCBB-
D918-3440-878E-0C2AC8971917> (unknown version): /usr/lib/
usb/libMaterialXCore.dylib
731: 0x000000021a7bb000 - 0x000000021a7e2fff
libMaterialXFormat.dylib (arm64e) <627B6954-7FA1-3C76-
AAEC-BBB500A92876> (unknown version): /usr/lib/usb/
libMaterialXFormat.dylib
732: 0x000000021a7e3000 - 0x000000021a832fff
libosdCPU.dylib (arm64e) <9E485C8D-F26E-3624-
A818-162496CEDAA4> (unknown version): /usr/lib/usb/
libosdCPU.dylib
733: 0x000000021a833000 - 0x000000021a852fff libtbb.dylib
(arm64e) <54B4DABD-6852-3BCA-AF8B-5776507367DC> (unknown
version): /usr/lib/usb/libtbb.dylib
734: 0x000000021a853000 - 0x000000021b352fff
libusb_ms.dylib (arm64e) <0EE7A9B6-9653-3F1C-
AE18-54223F1CC007> (unknown version): /usr/lib/usb/
libusb_ms.dylib

735: 0x00000002b2e58000 - 0x00000002b2e5ffff
CloudDocsFileProvider (arm64e) <F6089B9B-6079-33DA-B80D-C0D59B8F586B> (1553.140.5.0.1): /System/Library/
Frameworks/FileProvider.framework/OverrideBundles/
CloudDocsFileProvider.bundle/Contents/MacOS/
CloudDocsFileProvider
736: 0x00000002b2e70000 - 0x00000002b2e77fff
FileProviderOverride (arm64e)
<80FFC538-0458-36D3-856B-179CB212ECEE> (855.140.5): /
System/Library/Frameworks/FileProvider.framework/
OverrideBundles/FileProviderOverride.bundle/Contents/
MacOS/FileProviderOverride
737: 0x00000002b2f10000 - 0x00000002b2f2ffff
FinderSyncCollaborationFileProviderOverride (arm64e)
<1240A040-B99E-3E94-B42A-7BDE3E1E5352> (1564.6.2): /
System/Library/Frameworks/FileProvider.framework/
OverrideBundles/
FinderSyncCollaborationFileProviderOverride.bundle/
Contents/MacOS/
FinderSyncCollaborationFileProviderOverride

OS Information

Operating System: Mac OS X 13.5 (Build 22G5038d)
CPU: ARM64e, Logical CPU Count: 8
Physical Memory: 8192 MB
Device_model: MacBookAir10,1
Screen: 1440.000000 x 900.000000, bitsPerPixel = 24,
frame = 0.000000, 0.000000, 1440.000000, 900.000000
Screen: 1920.000000 x 1080.000000, bitsPerPixel = 24,
frame = -1920.000000, 386.000000, 1920.000000,
1080.000000
CrashedApp_Virtual_Memory_Size_MB: 401810.000000
CrashedApp_Resident_Memory_Size_MB: 205.000000
CrashedApp_Memory_Footprint_MB: 94.000000
ErrorReportingDeviceUUID: 23975A4A-
AE94-5DE6-83DF-20CE42D70EB7
ErrorReportingUUID: CB7666A3-3470-43DB-BF98-E29D8AD456F7
ULS UUID: 0C7955ED-D752-4CDF-B190-1C4CA3FBC4C4
CrashedLogSessionId: 0C7955ED-D752-4CDF-B190-1C4CA3FBC4C4
TimeFromLaunch: 0 hours, 0 minutes, 2 seconds
CrashedSessionDuration: 2
Total errors on this client: 14

Microsoft Application Information:

Audience: Insiders_DevMain
SHSuffixKey_0: _arm
AudienceChannel: DevMain
AudienceGroup: Insiders