

12 Feb 2022

Affinity Publisher 1.10.4 crash, after 6 days work without crash.
Working memory increased from 32GB to 48GB.

Translated Report (Full Report Below)

Process: Affinity Publisher [19158]
Path: /Applications/Affinity Publisher.app/Contents/MacOS/Affinity Publisher
Identifier: com.seriflabs.affinitypublisher
Version: 1.10.4 (1.10.4)
Code Type: X86-64 (Native)
Parent Process: launchd [1]
User ID: 501

Date/Time: 2022-02-12 21:16:46.0083 +1100
OS Version: macOS 12.1 (21C52)
Report Version: 12
Bridge OS Version: 6.1 (19P647)
Anonymous UUID: 1E26B03A-4070-4E43-183A-68667970FE37

Sleep/Wake UUID: 0E12E58E-FADA-41AC-9F14-7CF66467AB93

Time Awake Since Boot: 210000 seconds
Time Since Wake: 36829 seconds

System Integrity Protection: enabled

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

Exception Type: EXC_BAD_ACCESS (SIGSEGV)
Exception Codes: UNKNOWN_0xD at 0x0000000000000000
Exception Codes: 0x000000000000000d, 0x0000000000000000
Exception Note: EXC_CORPSE_NOTIFY

Termination Reason: Namespace SIGNAL, Code 11 Segmentation fault: 11
Terminating Process: exc handler [19158]

VM Region Info: 0 is not in any region. Bytes before following region: 4360622080
REGION TYPE START - END [VSIZE] PRT/MAX SHRMOD REGION DETAIL
UNUSED SPACE AT START

--->
__TEXT 103e9d000-103ee1000 [272K] r-x/r-x SM=COW ...ity Publisher

Kernel Triage:
VM - Fault hit memory shortage
VM - Fault hit memory shortage
VM - Fault hit memory shortage
VM - Fault hit memory shortage
VM - Fault hit memory shortage

Thread 0 Crashed:: Dispatch queue: com.apple.main-thread
0 liblibpersona.dylib 0x1736b0fba TextTool::Fire(int) + 218
1 libcocoaui 0x10657accb -[AppController schedulerFires:] + 123
2 Foundation 0x7ff80afd16c0 __NSFireTimer + 67
3 CoreFoundation 0x7ff80a14384f
__CFRUNLOOP_IS_CALLING_OUT_TO_A_TIMER_CALLBACK_FUNCTION__ + 20

4	CoreFoundation	0x7ff80a14333e	__CFRunLoopDoTimer + 927
5	CoreFoundation	0x7ff80a142e9d	__CFRunLoopDoTimers + 307
6	CoreFoundation	0x7ff80a12945f	__CFRunLoopRun + 1985
7	CoreFoundation	0x7ff80a1285dd	CFRunLoopRunSpecific + 563
8	HIToolbox	0x7ff812d5b4f1	RunCurrentEventLoopInMode + 292
9	HIToolbox	0x7ff812d5b247	ReceiveNextEventCommon + 587
10	HIToolbox	0x7ff812d5afe5	
	_BlockUntilNextEventMatchingListInModeWithFilter + 70		
11	AppKit	0x7ff80cb57b4c	_DPSNextEvent + 886
12	AppKit	0x7ff80cb561b8	-[NSApplication(NSEvent)
	_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1411		
13	AppKit	0x7ff80cb485a9	-[NSApplication run] + 586
14	AppKit	0x7ff80cb1c447	NSApplicationMain + 816
15	dylld	0x10588c4fe	start + 462

Thread 1:: com.apple.NSEventThread

0	libsystem_kernel.dylib	0x7ff80a026aba	mach_msg_trap + 10
1	libsystem_kernel.dylib	0x7ff80a026e2b	mach_msg + 59
2	CoreFoundation	0x7ff80a12aaf2	__CFRunLoopServiceMachPort + 319
3	CoreFoundation	0x7ff80a1291cb	__CFRunLoopRun + 1325
4	CoreFoundation	0x7ff80a1285dd	CFRunLoopRunSpecific + 563
5	AppKit	0x7ff80ccc5d98	_NSEventThread + 132
6	libsystem_pthread.dylib	0x7ff80a0634f4	_pthread_start + 125
7	libsystem_pthread.dylib	0x7ff80a05f00f	thread_start + 15

Thread 2:: CVIDisplayLink

0	libsystem_kernel.dylib	0x7ff80a029506	__psynch_cvwait + 10
1	libsystem_pthread.dylib	0x7ff80a063a9f	_pthread_cond_wait + 1278
2	CoreVideo	0x7ff8118a38f6	CVIDisplayLink::waitUntil(unsigned long long) + 366
3	CoreVideo	0x7ff8118a2a6a	CVIDisplayLink::runIOThread() + 534
4	libsystem_pthread.dylib	0x7ff80a0634f4	_pthread_start + 125
5	libsystem_pthread.dylib	0x7ff80a05f00f	thread_start + 15

Thread 3:

0	libsystem_pthread.dylib	0x7ff80a05efec	start_wqthread + 0
---	-------------------------	----------------	--------------------

Thread 4:

0	libsystem_pthread.dylib	0x7ff80a05efec	start_wqthread + 0
---	-------------------------	----------------	--------------------

Thread 5:

0	libsystem_pthread.dylib	0x7ff80a05efec	start_wqthread + 0
---	-------------------------	----------------	--------------------

Thread 6:

0	libsystem_pthread.dylib	0x7ff80a05efec	start_wqthread + 0
---	-------------------------	----------------	--------------------

Thread 7:

0	libsystem_pthread.dylib	0x7ff80a05efec	start_wqthread + 0
---	-------------------------	----------------	--------------------

Thread 8:

0	libsystem_pthread.dylib	0x7ff80a05efec	start_wqthread + 0
---	-------------------------	----------------	--------------------

Thread 9:

0	libsystem_pthread.dylib	0x7ff80a05efec	start_wqthread + 0
---	-------------------------	----------------	--------------------

Thread 10:

0	libsystem_pthread.dylib	0x7ff80a05efec	start_wqthread + 0
---	-------------------------	----------------	--------------------

Thread 11:

0	libsystem_pthread.dylib	0x7ff80a05efec	start_wqthread + 0
---	-------------------------	----------------	--------------------

Thread 12:: Dispatch queue: com.apple.SkyLight.UpdateManager.SerialSema
0 libsystem_kernel.dylib 0x7ff80a026af6 semaphore_wait_trap + 10
1 SkyLight 0x7ff80f059f1b invocation function for block in (anonymous
namespace)::InterprocessSerialSemaphore::asyncWait(void (int) block_pointer) + 35
2 libdispatch.dylib 0x7ff809eabad8 _dispatch_call_block_and_release + 12
3 libdispatch.dylib 0x7ff809eaccc9 _dispatch_client_callout + 8
4 libdispatch.dylib 0x7ff809eb2cee _dispatch_lane_serial_drain + 696
5 libdispatch.dylib 0x7ff809eb37c8 _dispatch_lane_invoke + 366
6 libdispatch.dylib 0x7ff809ebd7e1 _dispatch_workloop_worker_thread + 758
7 libsystem_pthread.dylib 0x7ff80a060074 _pthread_wqthread + 326
8 libsystem_pthread.dylib 0x7ff80a05effb start_wqthread + 15

Thread 13:
0 libsystem_pthread.dylib 0x7ff80a05efec start_wqthread + 0

Thread 14:
0 libsystem_pthread.dylib 0x7ff80a05efec start_wqthread + 0

Thread 15:
0 libsystem_pthread.dylib 0x7ff80a05efec start_wqthread + 0

Thread 16:
0 libsystem_pthread.dylib 0x7ff80a05efec start_wqthread + 0

Thread 17:
0 libsystem_pthread.dylib 0x7ff80a05efec start_wqthread + 0

Thread 18:
0 libsystem_pthread.dylib 0x7ff80a05efec start_wqthread + 0

Thread 19:
0 libsystem_pthread.dylib 0x7ff80a05efec start_wqthread + 0

Thread 20:
0 libsystem_pthread.dylib 0x7ff80a05efec start_wqthread + 0

Thread 21:
0 libsystem_pthread.dylib 0x7ff80a05efec start_wqthread + 0

Thread 22:: Dispatch queue: com.apple.root.default-qos
0 liblibpersona.dylib 0x165f52bad Raster::BilinearSampler::Sampler<Raster::Red8,
Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5, Raster::Bitmap<Raster::Red8,
Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>, Raster::Zero,
Raster::AffineTransform>::SpanRead(Raster::PlanarPixelSpan<Raster::Red8, Raster::Green8,
Raster::Blue8, Raster::Alpha8, Raster::X5>&) + 1037
1 liblibpersona.dylib 0x165f51047 void
Raster::PixelProcessor<Raster::Horizontal>::Process<Raster::Red8, Raster::Green8,
Raster::Blue8, Raster::Alpha8, Raster::X5, Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5, Raster::X1, Raster::X2, Raster::X3, Raster::X4, Raster::X5,
Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Copy, Raster::IdentityMask, Raster::BilinearSampler, Raster::AffineTransform,
Raster::Zero, Raster::NormalBlend>(Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5> const*, Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5>*, Raster::Copy&, Kernel::RectT<int>, bool,
Raster::IdentityMask::Params const*, Raster::AffineTransform::Params const*,
Raster::BilinearSampler::Params const*, Raster::NormalBlend::Params const*) + 1143
2 liblibpersona.dylib 0x165f50715 void
Raster::Software<Raster::Multithreaded>::Process<Raster::Red8, Raster::Green8, Raster::Blue8,

[illegible]

```

Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5, Raster::NoHint,
Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Convert, Raster::IdentityMask, Raster::BilinearSampler, Raster::AffineTransform,
Raster::Zero, Raster::NormalBlend>(Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5>*, Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5> const*, Raster::Convert::Params*, Raster::IdentityMask::Params
const*, Raster::AffineTransform::Params const*, Raster::BilinearSampler::Params const*,
Raster::Zero::Params const*, Raster::NormalBlend::Params const*) + 61
8  liblibpersona.dylib          0x16d5cf998 void
Raster::DynamicBase<Raster::DynamicBitmap>::ExecuteSourceHeterogenous<Raster::Red8,
Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5, Raster::NoHint,
Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::DynamicBitmap, Raster::Convert, Raster::IdentityMask, Raster::BilinearSampler,
Raster::AffineTransform, Raster::Zero, Raster::NormalBlend>(Raster::Buffer<Raster::Red8,
Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>*, Raster::DynamicBitmap const*,
Raster::Convert::Params*, Raster::IdentityMask::Params const*, Raster::AffineTransform::Params
const*, Raster::BilinearSampler::Params const*, Raster::Zero::Params const*,
Raster::NormalBlend::Params const*) + 56
9  liblibpersona.dylib          0x16d5cf066
DocumentCommand::GenerateHistoryThumbnail(Kernel::RectT<double>) const + 3542
10 liblibpersona.dylib          0x17159e3e4
DocumentHistory::AddCommandToUndoStack(Kernel::Counted<DomainCommand> const&,
Kernel::Counted<DomainController const> const&,
std::__1::vector<Kernel::Counted<Kernel::Notification>,
std::__1::allocator<Kernel::Counted<Kernel::Notification> > >&) + 1108
11 liblibpersona.dylib          0x17160c8f5
DocumentController::ProcessCommand(Kernel::Counted<DomainCommand>,
std::__1::vector<Kernel::Counted<Kernel::Notification>,
std::__1::allocator<Kernel::Counted<Kernel::Notification> > >&) + 3733
12 liblibpersona.dylib          0x168880f02 DomainController::ProcessCommandQueue() +
514
13 liblibkernel.dylib           0x108bffa7e invocation function for block in
Kernel::Dispatch::DispatchAndForget(std::__1::function<void ()>,
Kernel::Dispatch::DispatchPriority, Kernel::Dispatch::ThreadPurpose) + 46
14 libdispatch.dylib            0x7ff809eabad8 _dispatch_call_block_and_release + 12
15 libdispatch.dylib            0x7ff809eaccc9 _dispatch_client_callout + 8
16 libdispatch.dylib            0x7ff809eaf3bf _dispatch_queue_override_invoke + 801
17 libdispatch.dylib            0x7ff809ebc3ba _dispatch_root_queue_drain + 343
18 libdispatch.dylib            0x7ff809ebcb5a _dispatch_worker_thread2 + 160
19 libsystem_pthread.dylib       0x7ff80a06002e _pthread_wqthread + 256
20 libsystem_pthread.dylib       0x7ff80a05effb start_wqthread + 15

Thread 23:
0  libsystem_pthread.dylib       0x7ff80a05efec start_wqthread + 0

Thread 24:
0  libsystem_pthread.dylib       0x7ff80a05efec start_wqthread + 0

Thread 25:
0  libsystem_pthread.dylib       0x7ff80a05efec start_wqthread + 0

Thread 26:
0  libsystem_pthread.dylib       0x7ff80a05efec start_wqthread + 0

Thread 27:: Dispatch queue: NSCGSDisableUpdates
0  libsystem_kernel.dylib        0x7ff80a026b0e semaphore_timedwait_trap + 10
1  libdispatch.dylib             0x7ff809ead1f2 _dispatch_sema4_timedwait + 72
2  libdispatch.dylib             0x7ff809ead61f _dispatch_semaphore_wait_slow + 58

```

```
3 SkyLight                                0x7ff80f059d0a CGSUpdateManager::enable_updates_common()
+ 1038
4 SkyLight                                0x7ff80f05a76d SLSReenableUpdateTokenWithSeed + 130
5 libdispatch.dylib                       0x7ff809eabad8 _dispatch_call_block_and_release + 12
6 libdispatch.dylib                       0x7ff809eaccc9 _dispatch_client_callout + 8
7 libdispatch.dylib                       0x7ff809eb2cee _dispatch_lane_serial_drain + 696
8 libdispatch.dylib                       0x7ff809eb37c8 _dispatch_lane_invoke + 366
9 libdispatch.dylib                       0x7ff809ebd7e1 _dispatch_workloop_worker_thread + 758
10 libsystem_pthread.dylib                 0x7ff80a060074 _pthread_wqthread + 326
11 libsystem_pthread.dylib                 0x7ff80a05effb start_wqthread + 15
```

Thread 28:

```
0 libsystem_pthread.dylib                 0x7ff80a05efec start_wqthread + 0
```

Thread 29:

```
0 libsystem_pthread.dylib                 0x7ff80a05efec start_wqthread + 0
```

Thread 30:

```
0 libsystem_pthread.dylib                 0x7ff80a05efec start_wqthread + 0
```

Thread 31:

```
0 libsystem_pthread.dylib                 0x7ff80a05efec start_wqthread + 0
```

Thread 32:

```
0 libsystem_pthread.dylib                 0x7ff80a05efec start_wqthread + 0
```

Thread 33:

```
0 libsystem_pthread.dylib                 0x7ff80a05efec start_wqthread + 0
```

Thread 34:

```
0 libsystem_pthread.dylib                 0x7ff80a05efec start_wqthread + 0
```

Thread 35:

```
0 libsystem_pthread.dylib                 0x7ff80a05efec start_wqthread + 0
```

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

```
rax: 0xb000000000000000 rbx: 0x0000000000000002 rcx: 0x5000600029b7001f rdx:
0x00007ff809f1d8a8
rdi: 0x00007f9f7bc703f8 rsi: 0x0000000000000000 rbp: 0x00007ff7bc060250 rsp:
0x00007ff7bc060230
r8: 0x0000000000000000 r9: 0x0000000000000000 r10: 0x00007ff84b6e9b38 r11:
0x00007ff80a18da52
r12: 0x00007fa04b838dd0 r13: 0x00007ff809ef6eb0 r14: 0x00007f9f7bc70270 r15:
0x00007fa04eba0c00
rip: 0x00000001736b0fba rfi: 0x00000000000010202 cr2: 0xfffffd047ab1000
```

Logical CPU: 0

Error Code: 0x00000000

Trap Number: 13

Thread 0 instruction stream:

```
bb 04 00 00 00 74 6b 48-8d 7d e0 4c 89 f6 e8 dd .....tkH.}.L....
7d 9c f2 48 8b 7d e0 48-85 ff 74 56 48 8b 47 08 }..H.}.H..tVH.G.
48 8b 4f 10 48 39 c8 74-17 0f 1f 80 00 00 00 00 H.O.H9.t.....
8b 50 04 3b 10 75 1d 48-83 c0 0c 48 39 c1 75 f0 .P.;u.H...H9.u.
41 80 b7 b9 04 00 00 01-4c 89 ff e8 20 d8 68 f3 A.....L... .h.
48 8b 7d e0 48 85 ff 74-19 48 8b 07 48 8b 40 e8 H.}.H..t.H..H.@.
f0 48 83 6c 07 08 01 75-09 48 01 c7 48 8b 07 ff .H.I...u.H..H...
50 08 4d 85 f6 74 1c 49-8b 06[48]8b 40 e8 f0 49 P.M..t.I..H.@..I <==
```

83 6c 06 08 01 75 0c 49-01 c6 49 8b 06 4c 89 f7 .l...u.l..l..L..
ff 50 08 48 83 c4 08 5b-41 5e 41 5f 5d c3 48 89 .P.H...[A^A_].H..
c3 48 8b 7d e0 48 85 ff-74 20 48 8b 07 48 8b 40 .H.}.H..t H..H..@
e8 f0 48 83 6c 07 08 01-75 10 48 01 c7 48 8b 07 ..H.l...u.H..H..

Binary Images:

0x165eed000 - 0x17bc78fff liblibpersona.dylib (*) <cce1f993-c323-3663-bdf6-d419d128c789> /Applications/Affinity Publisher.app/Contents/Frameworks/liblibpersona.dylib
0x10593f000 - 0x1077c6fff com.seriflabs.libcocoaui (1.0) <34d32319-651f-3d28-a0fb-ee8a1ae36a1c> /Applications/Affinity Publisher.app/Contents/Frameworks/libcocoaui.framework/Versions/A/libcocoaui
0x7ff80af30000 - 0x7ff80b2eafff com.apple.Foundation (6.9) <4f895069-27e3-3087-a30e-515f5fc9f493> /System/Library/Frameworks/Foundation.framework/Versions/C/Foundation
0x7ff80a0aa000 - 0x7ff80a5acfff com.apple.CoreFoundation (6.9) <eab0e216-2a9e-31ce-9164-fdf3ebcf7bd3> /System/Library/Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation
0x7ff812d29000 - 0x7ff813020fff com.apple.HIToolbox (2.1.1) <535dbc28-4d26-3609-86bb-5c40227b648c> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox
0x7ff80cb19000 - 0x7ff80d9a7fff com.apple.AppKit (6.9) <d23b9681-3764-3298-a716-fbb511dd5a7c> /System/Library/Frameworks/AppKit.framework/Versions/C/AppKit
0x105887000 - 0x1058f2fff dyld (*) <cef5a27a-d50b-3020-af03-1734b19bc8c5> /usr/lib/dyld
0x7ff80a026000 - 0x7ff80a05cfff libsystem_kernel.dylib (*) <5aa1e5be-b5b8-3a02-9885-a8c99e0ca378> /usr/lib/system/libsystem_kernel.dylib
0x7ff80a05d000 - 0x7ff80a068fff libsystem_pthread.dylib (*) <6c7561b4-4b92-3f45-921e-abe669299844> /usr/lib/system/libsystem_pthread.dylib
0x7ff8118a0000 - 0x7ff8118f1fff com.apple.CoreVideo (1.8) <127e441f-3b6d-3c27-8a68-501b156ff6b9> /System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo
0x7ff80effd000 - 0x7ff80f38ffff com.apple.SkyLight (1.600.0) <40ec9e65-1cf7-3fe0-a4f1-650d84d2899b> /System/Library/PrivateFrameworks/SkyLight.framework/Versions/A/SkyLight
0x7ff809eaa000 - 0x7ff809ef0fff libdispatch.dylib (*) <c8f7bfb6-4b1a-37cd-a32d-cd5069c916df> /usr/lib/system/libdispatch.dylib
0x108a4f000 - 0x108cbafff liblibkernel.dylib (*) <68b7707c-4bc4-3fb6-8d0d-abbd9abb3d90> /Applications/Affinity Publisher.app/Contents/Frameworks/liblibkernel.dylib

External Modification Summary:

Calls made by other processes targeting this process:

task_for_pid: 0
thread_create: 0
thread_set_state: 0

Calls made by this process:

task_for_pid: 0
thread_create: 0
thread_set_state: 0

Calls made by all processes on this machine:

task_for_pid: 0
thread_create: 0
thread_set_state: 0

VM Region Summary:

ReadOnly portion of Libraries: Total=2.1G resident=0K(0%)

swapped_out_or_unallocated=2.1G(100%)

Writable regions: Total=9.9G written=0K(0%) resident=0K(0%) swapped_out=0K(0%)

unallocated=9.9G(100%)

	VIRTUAL REGION	
REGION TYPE	SIZE	COUNT (non-coalesced)

=====	=====	=====		
Accelerate framework	2432K	19		
Activity Tracing	256K	1		
CG backing stores	4512K	4		
CG image	149.2M	1799		
ColorSync	236K	28		
CoreAnimation	321.5M	1072		
CoreGraphics	12K	2		
CoreImage	36K	6		
CoreUI image data	3824K	159		
Foundation	40K	2		
IOKit	7940K	1		
Image IO	488K	40		
Kernel Alloc Once	8K	1		
MALLOC	8.5G	8166		
MALLOC guard page	72K	16		
MALLOC_LARGE (reserved)	8792K	1	reserved VM address space (unallocated)	
MALLOC_MEDIUM (reserved)	520.0M	6	reserved VM address space (unallocated)	
MALLOC_NANO (reserved)	384.0M	1	reserved VM address space (unallocated)	
SQLite page cache	64K	1		
STACK GUARD	56.1M	36		
Stack	25.8M	36		
VM_ALLOCATE	728K	91		
__DATA	48.0M	563		
__DATA_CONST	30.8M	333		
__DATA_DIRTY	1804K	211		
__FONT_DATA	4K	1		
__LINKEDIT	961.5M	61		
__OBJC_RO	81.8M	1		
__OBJC_RW	3136K	2		
__TEXT	1.1G	571		
__UNICODE	588K	1		
dyld private memory	2304K	3		
libnetwork	128K	8		
mapped file	881.8M	424		
shared memory	7340K	24		
=====	=====	=====		
TOTAL	13.0G	13691		
TOTAL, minus reserved VM space	12.2G	13691		

Full Report

```
{
  "app_name": "Affinity Publisher",
  "timestamp": "2022-02-12 21:17:44.00 +1100",
  "app_version": "1.10.4",
  "slice_uuid": "492cf469-c2df-3b63-b0d1-f3b7ba7864bd",
  "build_version": "1.10.4",
  "platform": 1,
  "bundleID": "com.seriflabs.affinitypublisher",
  "share_with_app_devs": 1,
  "is_first_party": 0,
  "bug_type": "309",
  "os_version": "macOS 12.1 (21C52)",
  "incident_id": "36D81EC1-F9B5-4CB6-8D52-DC4D8532EEA5",
  "name": "Affinity Publisher"
}
```

```
{
  "uptime" : 210000,
  "procLaunch" : "2022-02-12 12:22:05.8312 +1100",
  "procRole" : "Foreground",
  "version" : 2,
  "userID" : 501,
  "deployVersion" : 210,
  "modelCode" : "MacBookPro16,1",

```



```
"procStartAbsTime" : 177974267706113,
"coalitionID" : 1354,
"osVersion" : {
  "train" : "macOS 12.1",
  "build" : "21C52",
  "releaseType" : "User"
},
"captureTime" : "2022-02-12 21:16:46.0083 +1100",
"incident" : "36D81EC1-F9B5-4CB6-8D52-DC4D8532EEA5",
"bug_type" : "309",
"pid" : 19158,
"procExitAbsTime" : 210054090533474,
"cpuType" : "X86-64",
"procName" : "Affinity Publisher",
"procPath" : "\Applications\Affinity Publisher.app\Contents\MacOS\Affinity Publisher",
"bundleInfo" :
{"CFBundleShortVersionString":"1.10.4","CFBundleVersion":"1.10.4","CFBundleIdentifier":"com.seriflabs.affinitypublisher"},
"storeInfo" : {"deviceIdentfierForVendor":"7D4B395E-C47E-5647-AC97-524D7DAF5986","thirdParty":true},
"parentProc" : "launchd",
"parentPid" : 1,
"coalitionName" : "com.seriflabs.affinitypublisher",
"crashReporterKey" : "1E26B03A-4070-4E43-183A-68667970FE37",
"wakeTime" : 36829,
"bridgeVersion" : {"build":"19P647","train":"6.1"},
"sleepWakeUUID" : "0E12E58E-FADA-41AC-9F14-7CF66467AB93",
"sip" : "enabled",
"vmRegionInfo" : "0 is not in any region. Bytes before following region: 4360622080\n
REGION TYPE          START - END          [ VSIZE] PRTVMAX SHRMOD  REGION DETAIL\n
UNUSED SPACE AT START\n---> \n    __TEXT                   103e9d000-103ee1000   [ 272K] r-
x/r-x SM=COW  ...ity Publisher",
"isCorpse" : 1,
"exception" : {"codes":"0x0000000000000000d, 0x0000000000000000","rawCodes":
[13,0],"type":"EXC_BAD_ACCESS","signal":"SIGSEGV","subtype":"UNKNOWN_0xD at
0x0000000000000000"},
"termination" : {"flags":0,"code":11,"namespace":"SIGNAL","indicator":"Segmentation fault:
11","byProc":"exc handler","byPid":19158},
"ktriageinfo" : "VM - Fault hit memory shortage\nVM - Fault hit memory shortage\nVM - Fault hit
memory shortage\nVM - Fault hit memory shortage\nVM - Fault hit memory shortage\n",
"vmregioninfo" : "0 is not in any region. Bytes before following region: 4360622080\n
REGION TYPE          START - END          [ VSIZE] PRTVMAX SHRMOD  REGION DETAIL\n
UNUSED SPACE AT START\n---> \n    __TEXT                   103e9d000-103ee1000   [ 272K] r-
x/r-x SM=COW  ...ity Publisher",
"extMods" : {"caller":{"thread_create":0,"thread_set_state":0,"task_for_pid":0},"system":
{"thread_create":0,"thread_set_state":0,"task_for_pid":0},"targeted":
{"thread_create":0,"thread_set_state":0,"task_for_pid":0},"warnings":0},
"faultingThread" : 0,
"threads" : [{"triggered":true,"id":1576726,"instructionState":{"instructionStream":{"bytes":
[187,4,0,0,116,107,72,141,125,224,76,137,246,232,221,125,156,242,72,139,125,224,72,133,25
5,116,86,72,139,71,8,72,139,79,16,72,57,200,116,23,15,31,128,0,0,0,0,139,80,4,59,16,117,29,72,
131,192,12,72,57,193,117,240,65,128,183,185,4,0,0,1,76,137,255,232,32,216,104,243,72,139,12
5,224,72,133,255,116,25,72,139,7,72,139,64,232,240,72,131,108,7,8,1,117,9,72,1,199,72,139,7,2
55,80,8,77,133,246,116,28,73,139,6,72,139,64,232,240,73,131,108,6,8,1,117,12,73,1,198,73,139,
6,76,137,247,255,80,8,72,131,196,8,91,65,94,65,95,93,195,72,137,195,72,139,125,224,72,133,25
5,116,32,72,139,7,72,139,64,232,240,72,131,108,7,8,1,117,16,72,1,199,72,139,7], "offset":122}}, "t
hreadState":{"r13":{"value":140703295303344,"symbolLocation":0,"symbol":"objc_retain"},"rax":
{"value":12682136550675316736},"rflags":{"value":66050},"cpu":{"value":0},"r14":
{"value":140322953167472},"rsi":{"value":0},"r8":{"value":0},"cr2":
{"value":18446743868753514496},"rdx":
```

```

{"value":140703295461544,"symbolLocation":0,"symbol":"objc_debug_isa_class_mask"},"r10":
{"value":140704394156856,"symbolLocation":0,"symbol":"OBJC_CLASS_$_NSCFTimer"},"r9":
{"value":0},"r15":{"value":140326492310528},"rbx":{"value":2},"trap":{"value":13},"err":
{"value":0},"r11":{"value":140703298017874,"symbolLocation":0,"symbol":"-[__NSCFTimer
isValid]"},"rip":{"value":6231363514,"matchesCrashFrame":1},"rbp":
{"value":140701988160080},"rsp":{"value":140701988160048},"r12":
{"value":140326438407632},"rcx":
{"value":5764713076850360351},"flavor":"x86_THREAD_STATE","rdi":
{"value":140322953167864},"queue":"com.apple.main-thread","frames":
[{"imageOffset":226246586,"symbol":"TextTool::Fire(int)","symbolLocation":218,"imageIndex":0},
{"imageOffset":12827851,"symbol":"-[AppController
schedulerFires:]","symbolLocation":123,"imageIndex":1},
{"imageOffset":661184,"symbol":"__NSFireTimer","symbolLocation":67,"imageIndex":2},
{"imageOffset":628815,"symbol":"__CFRUNLOOP_IS_CALLING_OUT_TO_A_TIMER_CALLBACK_
FUNCTION__","symbolLocation":20,"imageIndex":3},
{"imageOffset":627518,"symbol":"__CFRunLoopDoTimer","symbolLocation":927,"imageIndex":3}
],
{"imageOffset":626333,"symbol":"__CFRunLoopDoTimers","symbolLocation":307,"imageIndex":3},
{"imageOffset":521311,"symbol":"__CFRunLoopRun","symbolLocation":1985,"imageIndex":3},
{"imageOffset":517597,"symbol":"CFRunLoopRunSpecific","symbolLocation":563,"imageIndex":
3},
{"imageOffset":206065,"symbol":"RunCurrentEventLoopInMode","symbolLocation":292,"imageIn
dex":4},
{"imageOffset":205383,"symbol":"ReceiveNextEventCommon","symbolLocation":587,"imageInde
x":4},
{"imageOffset":204773,"symbol":"_BlockUntilNextEventMatchingListInModeWithFilter","symbolL
ocation":70,"imageIndex":4},
{"imageOffset":256844,"symbol":"_DPSNextEvent","symbolLocation":886,"imageIndex":5},
{"imageOffset":250296,"symbol":"-[NSApplication(NSEvent)
_nextEventMatchingEventMask:untilDate:inMode:dequeue:]","symbolLocation":1411,"imageIndex
":5},{"imageOffset":193961,"symbol":"-[NSApplication
run]","symbolLocation":586,"imageIndex":5},
{"imageOffset":13383,"symbol":"NSApplicationMain","symbolLocation":816,"imageIndex":5},
{"imageOffset":21758,"symbol":"start","symbolLocation":462,"imageIndex":6}},
{"id":1576903,"name":"com.apple.NSEventThread","frames":
[{"imageOffset":2746,"symbol":"mach_msg_trap","symbolLocation":10,"imageIndex":7},
{"imageOffset":3627,"symbol":"mach_msg","symbolLocation":59,"imageIndex":7},
{"imageOffset":527090,"symbol":"__CFRunLoopServiceMachPort","symbolLocation":319,"imageI
ndex":3},
{"imageOffset":520651,"symbol":"__CFRunLoopRun","symbolLocation":1325,"imageIndex":3},
{"imageOffset":517597,"symbol":"CFRunLoopRunSpecific","symbolLocation":563,"imageIndex":
3},{"imageOffset":1756568,"symbol":"_NSEventThread","symbolLocation":132,"imageIndex":5},
{"imageOffset":25844,"symbol":"_pthread_start","symbolLocation":125,"imageIndex":8},
{"imageOffset":8207,"symbol":"thread_start","symbolLocation":15,"imageIndex":8}}],
{"id":1577090,"name":"CVDDisplayLink","frames":
[{"imageOffset":13574,"symbol":"__psynch_cvwait","symbolLocation":10,"imageIndex":7},
{"imageOffset":27295,"symbol":"_pthread_cond_wait","symbolLocation":1278,"imageIndex":8},
{"imageOffset":14582,"symbol":"CVDDisplayLink::waitUntil(unsigned long
long)","symbolLocation":366,"imageIndex":9},
{"imageOffset":10858,"symbol":"CVDDisplayLink::runIOThread()","symbolLocation":534,"imageInd
ex":9},{"imageOffset":25844,"symbol":"_pthread_start","symbolLocation":125,"imageIndex":8},
{"imageOffset":8207,"symbol":"thread_start","symbolLocation":15,"imageIndex":8}}],
{"id":1906712,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}}],
{"id":1907085,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}}],
{"id":1907263,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}}],
{"id":1907316,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}}],

```

```

{"id":1907319,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907325,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907358,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907362,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907374,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907381,"queue":"com.apple.SkyLight.UpdateManager.SerialSema","frames":
[{"imageOffset":2806,"symbol":"semaphore_wait_trap","symbolLocation":10,"imageIndex":7},
{"imageOffset":380699,"symbol":"invocation function for block in (anonymous
namespace)::InterprocessSerialSemaphore::asyncWait(void (int)
block_pointer)","symbolLocation":35,"imageIndex":10},
{"imageOffset":6872,"symbol":"_dispatch_call_block_and_release","symbolLocation":12,"imageIndex":11},
{"imageOffset":11465,"symbol":"_dispatch_client_callout","symbolLocation":8,"imageIndex":11},
{"imageOffset":36078,"symbol":"_dispatch_lane_serial_drain","symbolLocation":696,"imageIndex":11},
{"imageOffset":38856,"symbol":"_dispatch_lane_invoke","symbolLocation":366,"imageIndex":11},
{"imageOffset":79841,"symbol":"_dispatch_workloop_worker_thread","symbolLocation":758,"imageIndex":11},
{"imageOffset":12404,"symbol":"_pthread_wqthread","symbolLocation":326,"imageIndex":8},
{"imageOffset":8187,"symbol":"start_wqthread","symbolLocation":15,"imageIndex":8}],
{"id":1907523,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907524,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907593,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907596,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907598,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907600,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907601,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907603,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907604,"frames":
[{"imageOffset":8172,"symbol":"start_wqthread","symbolLocation":0,"imageIndex":8}],
{"id":1907605,"queue":"com.apple.root.default-qos","frames":
[{"imageOffset":416685,"symbol":"Raster::BilinearSampler::Sampler<Raster::Red8,
Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5, Raster::Bitmap<Raster::Red8,
Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>, Raster::Zero,
Raster::AffineTransform>::SpanRead(Raster::PlanarPixelSpan<Raster::Red8, Raster::Green8,
Raster::Blue8, Raster::Alpha8, Raster::X5>&)","symbolLocation":1037,"imageIndex":0},
{"imageOffset":409671,"symbol":"void
Raster::PixelProcessor<Raster::Horizontal>::Process<Raster::Red8, Raster::Green8,
Raster::Blue8, Raster::Alpha8, Raster::X5, Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5, Raster::X1, Raster::X2, Raster::X3, Raster::X4, Raster::X5,
Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Copy, Raster::IdentityMask, Raster::BilinearSampler, Raster::AffineTransform,
Raster::Zero, Raster::NormalBlend>(Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5> const*, Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5>*, Raster::Copy&, Kernel::RectT<int>, bool,
Raster::IdentityMask::Params const*, Raster::AffineTransform::Params const*,

```

```
Raster::BilinearSampler::Params const*, Raster::NormalBlend::Params
const*)", "symbolLocation":1143,"imageIndex":0},{ "imageOffset":407317,"symbol":"void
Raster::Software<Raster::Multithreaded>::Process<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5, Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8,
Raster::X5, Raster::X1, Raster::X2, Raster::X3, Raster::X4, Raster::X5,
Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Copy, Raster::IdentityMask, Raster::BilinearSampler, Raster::AffineTransform,
Raster::Zero, Raster::NormalBlend>(Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5> const*, Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5>*, Raster::Copy&, Kernel::RectT<int>, Raster::IdentityMask::Params
const*, Raster::AffineTransform::Params const*, Raster::BilinearSampler::Params const*,
Raster::NormalBlend::Params const*)", "symbolLocation":245,"imageIndex":0},
{"imageOffset":407024,"symbol":"void
Raster::ProcessBase<Raster::Copy>::ExecuteSoftware<Raster::Red8, Raster::Green8,
Raster::Blue8, Raster::Alpha8, Raster::X5, Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5, Raster::X1, Raster::X2, Raster::X3, Raster::X4, Raster::X5,
Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Copy, Raster::IdentityMask, Raster::BilinearSampler, Raster::AffineTransform,
Raster::Zero, Raster::NormalBlend>(Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5> const*, Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5>*, Raster::Copy&, Kernel::RectT<int>, Raster::IdentityMask::Params
const*, Raster::AffineTransform::Params const*, Raster::BilinearSampler::Params const*,
Raster::Zero::Params const*, Raster::NormalBlend::Params
const*)", "symbolLocation":160,"imageIndex":0},{ "imageOffset":404817,"symbol":"void
Raster::ProcessBase<Raster::Copy>::Execute<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5, Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8,
Raster::X5, Raster::X1, Raster::X2, Raster::X3, Raster::X4, Raster::X5,
Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::Copy, Raster::IdentityMask, Raster::BilinearSampler, Raster::AffineTransform,
Raster::Zero, Raster::NormalBlend>(Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5>*, Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5> const*, Raster::Copy::Params*, Raster::IdentityMask::Params const*,
Raster::AffineTransform::Params const*, Raster::BilinearSampler::Params const*,
Raster::Zero::Params const*, Raster::NormalBlend::Params
const*)", "symbolLocation":465,"imageIndex":0},{ "imageOffset":124665215,"symbol":"void
Raster::Convert::Execute<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8,
Raster::X5, Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5, Raster::X1,
Raster::X2, Raster::X3, Raster::X4, Raster::X5, Raster::Buffer<Raster::Red8, Raster::Green8,
Raster::Blue8, Raster::Alpha8, Raster::X5>, Raster::Bitmap<Raster::Red8, Raster::Green8,
Raster::Blue8, Raster::Alpha8, Raster::X5>, Raster::Convert, Raster::IdentityMask,
Raster::BilinearSampler, Raster::AffineTransform, Raster::Zero,
Raster::NormalBlend>(Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5>*, Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5> const*, Raster::Convert::Params*, Raster::IdentityMask::Params
const*, Raster::AffineTransform::Params const*, Raster::BilinearSampler::Params const*,
Raster::Zero::Params const*, Raster::NormalBlend::Params
const*)", "symbolLocation":671,"imageIndex":0},{ "imageOffset":124664382,"symbol":"bool
Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8,
Raster::X5>::ExecuteSourceMipmap<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5, Raster::NoHint, Raster::Buffer<Raster::Red8, Raster::Green8,
Raster::Blue8, Raster::Alpha8, Raster::X5>, Raster::Bitmap<Raster::Red8, Raster::Green8,
Raster::Blue8, Raster::Alpha8, Raster::X5>, Raster::Convert, Raster::IdentityMask,
Raster::BilinearSampler, Raster::AffineTransform, Raster::Zero,
Raster::NormalBlend>(Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5>*, Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5> const*, Raster::Convert::Params*, Raster::IdentityMask::Params
const*, Raster::AffineTransform::Params const*, Raster::BilinearSampler::Params const*,
```

```

Raster::Zero::Params const*, Raster::NormalBlend::Params
const*)", "symbolLocation":702,"imageIndex":0},{ "imageOffset":124660381,"symbol":"void
Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8,
Raster::X5>::ExecuteSource<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8,
Raster::X5, Raster::NoHint, Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5>, Raster::Bitmap<Raster::Red8, Raster::Green8, Raster::Blue8,
Raster::Alpha8, Raster::X5>, Raster::Convert, Raster::IdentityMask, Raster::BilinearSampler,
Raster::AffineTransform, Raster::Zero, Raster::NormalBlend>(Raster::Buffer<Raster::Red8,
Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>*, Raster::Bitmap<Raster::Red8,
Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5> const*, Raster::Convert::Params*,
Raster::IdentityMask::Params const*, Raster::AffineTransform::Params const*,
Raster::BilinearSampler::Params const*, Raster::Zero::Params const*,
Raster::NormalBlend::Params const*)", "symbolLocation":61,"imageIndex":0},
{ "imageOffset":124660120,"symbol":"void
Raster::DynamicBase<Raster::DynamicBitmap>::ExecuteSourceHeterogenous<Raster::Red8,
Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5, Raster::NoHint,
Raster::Buffer<Raster::Red8, Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>,
Raster::DynamicBitmap, Raster::Convert, Raster::IdentityMask, Raster::BilinearSampler,
Raster::AffineTransform, Raster::Zero, Raster::NormalBlend>(Raster::Buffer<Raster::Red8,
Raster::Green8, Raster::Blue8, Raster::Alpha8, Raster::X5>*, Raster::DynamicBitmap const*,
Raster::Convert::Params*, Raster::IdentityMask::Params const*, Raster::AffineTransform::Params
const*, Raster::BilinearSampler::Params const*, Raster::Zero::Params const*,
Raster::NormalBlend::Params const*)", "symbolLocation":56,"imageIndex":0},
{ "imageOffset":124657766,"symbol":"DocumentCommand::GenerateHistoryThumbnail(Kernel::Re
ctT<double>) const", "symbolLocation":3542,"imageIndex":0},
{ "imageOffset":191566820,"symbol":"DocumentHistory::AddCommandToUndoStack(Kernel::Cou
nted<DomainCommand> const&, Kernel::Counted<DomainController const> const&,
std::__1::vector<Kernel::Counted<Kernel::Notification>,
std::__1::allocator<Kernel::Counted<Kernel::Notification> >
>&)", "symbolLocation":1108,"imageIndex":0},
{ "imageOffset":192018677,"symbol":"DocumentController::ProcessCommand(Kernel::Counted<D
omainCommand>, std::__1::vector<Kernel::Counted<Kernel::Notification>,
std::__1::allocator<Kernel::Counted<Kernel::Notification> >
>&)", "symbolLocation":3733,"imageIndex":0},
{ "imageOffset":43597570,"symbol":"DomainController::ProcessCommandQueue()", "symbolLocati
on":514,"imageIndex":0},{ "imageOffset":1772158,"symbol":"invocation function for block in
Kernel::Dispatch::DispatchAndForget(std::__1::function<void ()>,
Kernel::Dispatch::DispatchPriority,
Kernel::Dispatch::ThreadPurpose)", "symbolLocation":46,"imageIndex":12},
{ "imageOffset":6872,"symbol":"_dispatch_call_block_and_release", "symbolLocation":12,"imagel
dex":11},
{ "imageOffset":11465,"symbol":"_dispatch_client_callout", "symbolLocation":8,"imageIndex":11},
{ "imageOffset":21439,"symbol":"_dispatch_queue_override_invoke", "symbolLocation":801,"imag
eIndex":11},
{ "imageOffset":74682,"symbol":"_dispatch_root_queue_drain", "symbolLocation":343,"imageInde
x":11},
{ "imageOffset":76634,"symbol":"_dispatch_worker_thread2", "symbolLocation":160,"imageIndex":
11},{ "imageOffset":12334,"symbol":"_pthread_wqthread", "symbolLocation":256,"imageIndex":8},
{ "imageOffset":8187,"symbol":"start_wqthread", "symbolLocation":15,"imageIndex":8}},
{ "id":1907613,"frames":
[{ "imageOffset":8172,"symbol":"start_wqthread", "symbolLocation":0,"imageIndex":8}],
{ "id":1907695,"frames":
[{ "imageOffset":8172,"symbol":"start_wqthread", "symbolLocation":0,"imageIndex":8}],
{ "id":1907696,"frames":
[{ "imageOffset":8172,"symbol":"start_wqthread", "symbolLocation":0,"imageIndex":8}],
{ "id":1907697,"frames":
[{ "imageOffset":8172,"symbol":"start_wqthread", "symbolLocation":0,"imageIndex":8}],
{ "id":1907698,"queue":"NSCGSDisableUpdates", "frames":
[{ "imageOffset":2830,"symbol":"semaphore_timedwait_trap", "symbolLocation":10,"imageIndex":7
}],
},

```

```

{"imageOffset":12786,"symbol": "_dispatch_sema4_timedwait", "symbolLocation":72,"imageIndex":11},
{"imageOffset":13855,"symbol": "_dispatch_semaphore_wait_slow", "symbolLocation":58,"imageIndex":11},
{"imageOffset":380170,"symbol": "CGSUpdateManager::enable_updates_common()", "symbolLocation":1038,"imageIndex":10},
{"imageOffset":382829,"symbol": "SLSReenableUpdateTokenWithSeed", "symbolLocation":130,"imageIndex":10},
{"imageOffset":6872,"symbol": "_dispatch_call_block_and_release", "symbolLocation":12,"imageIndex":11},
{"imageOffset":11465,"symbol": "_dispatch_client_callout", "symbolLocation":8,"imageIndex":11},
{"imageOffset":36078,"symbol": "_dispatch_lane_serial_drain", "symbolLocation":696,"imageIndex":11},
{"imageOffset":38856,"symbol": "_dispatch_lane_invoke", "symbolLocation":366,"imageIndex":11},
{"imageOffset":79841,"symbol": "_dispatch_workloop_worker_thread", "symbolLocation":758,"imageIndex":11},
{"imageOffset":12404,"symbol": "_pthread_wqthread", "symbolLocation":326,"imageIndex":8},
{"imageOffset":8187,"symbol": "start_wqthread", "symbolLocation":15,"imageIndex":8}},
{"id":1907699,"frames":
[{"imageOffset":8172,"symbol": "start_wqthread", "symbolLocation":0,"imageIndex":8}]],
{"id":1907700,"frames":
[{"imageOffset":8172,"symbol": "start_wqthread", "symbolLocation":0,"imageIndex":8}]],
{"id":1907701,"frames":
[{"imageOffset":8172,"symbol": "start_wqthread", "symbolLocation":0,"imageIndex":8}]],
{"id":1907702,"frames":
[{"imageOffset":8172,"symbol": "start_wqthread", "symbolLocation":0,"imageIndex":8}]],
{"id":1907703,"frames":
[{"imageOffset":8172,"symbol": "start_wqthread", "symbolLocation":0,"imageIndex":8}]],
{"id":1907716,"frames":
[{"imageOffset":8172,"symbol": "start_wqthread", "symbolLocation":0,"imageIndex":8}]],
{"id":1907717,"frames":
[{"imageOffset":8172,"symbol": "start_wqthread", "symbolLocation":0,"imageIndex":8}]],
{"id":1907718,"frames":
[{"imageOffset":8172,"symbol": "start_wqthread", "symbolLocation":0,"imageIndex":8}]]],
  "usedImages" : [
    {
      "source" : "P",
      "arch" : "x86_64",
      "base" : 6005116928,
      "size" : 366526464,
      "uuid" : "cce1f993-c323-3663-bdf6-d419d128c789",
      "path" : "VApplicationsVAffinity Publisher.appVContentsVFrameworksVliblibpersona.dylib",
      "name" : "liblibpersona.dylib"
    },
    {
      "source" : "P",
      "arch" : "x86_64",
      "base" : 4388548608,
      "CFBundleShortVersionString" : "1.0",
      "CFBundleIdentifier" : "com.seriflabs.libcocoaui",
      "size" : 32014336,
      "uuid" : "34d32319-651f-3d28-a0fb-ee8a1ae36a1c",
      "path" : "VApplicationsVAffinity Publisher.appVContentsVFrameworksVlibcocoaui.frameworkV
VersionsVAVlibcocoaui",
      "name" : "libcocoaui",
      "CFBundleVersion" : "1"
    },
    {
      "source" : "P",
      "arch" : "x86_64",

```

```

    "base" : 140703312314368,
    "CFBundleShortVersionString" : "6.9",
    "CFBundleIdentifier" : "com.apple.Foundation",
    "size" : 3911680,
    "uuid" : "4f895069-27e3-3087-a30e-515f5fc9f493",
    "path" : "\System\Library\Frameworks\Foundation.framework\Versions\CVFoundation",
    "name" : "Foundation",
    "CFBundleVersion" : "1856.105"
  },
  {
    "source" : "P",
    "arch" : "x86_64h",
    "base" : 140703297085440,
    "CFBundleShortVersionString" : "6.9",
    "CFBundleIdentifier" : "com.apple.CoreFoundation",
    "size" : 5255168,
    "uuid" : "eab0e216-2a9e-31ce-9164-fdf3ebcf7bd3",
    "path" : "\System\Library\Frameworks\CoreFoundation.framework\Versions\AV
CoreFoundation",
    "name" : "CoreFoundation",
    "CFBundleVersion" : "1856.105"
  },
  {
    "source" : "P",
    "arch" : "x86_64",
    "base" : 140703444406272,
    "CFBundleShortVersionString" : "2.1.1",
    "CFBundleIdentifier" : "com.apple.HIToolbox",
    "size" : 3112960,
    "uuid" : "535dbc28-4d26-3609-86bb-5c40227b648c",
    "path" : "\System\Library\Frameworks\Carbon.framework\Versions\AV\Frameworks\
HIToolbox.framework\Versions\AV\HIToolbox",
    "name" : "HIToolbox"
  },
  {
    "source" : "P",
    "arch" : "x86_64",
    "base" : 140703341580288,
    "CFBundleShortVersionString" : "6.9",
    "CFBundleIdentifier" : "com.apple.AppKit",
    "size" : 15265792,
    "uuid" : "d23b9681-3764-3298-a716-fbb511dd5a7c",
    "path" : "\System\Library\Frameworks\AppKit.framework\Versions\CVAppKit",
    "name" : "AppKit",
    "CFBundleVersion" : "2113.20.111"
  },
  {
    "source" : "P",
    "arch" : "x86_64",
    "base" : 4387794944,
    "size" : 442368,
    "uuid" : "cef5a27a-d50b-3020-af03-1734b19bc8c5",
    "path" : "\usr\lib\dylld",
    "name" : "dylld"
  },
  {
    "source" : "P",
    "arch" : "x86_64",
    "base" : 140703296544768,
    "size" : 225280,

```

```

    "uuid" : "5aa1e5be-b5b8-3a02-9885-a8c99e0ca378",
    "path" : "\Vusr\Vlib\system\libsystem_kernel.dylib",
    "name" : "libsystem_kernel.dylib"
  },
  {
    "source" : "P",
    "arch" : "x86_64",
    "base" : 140703296770048,
    "size" : 49152,
    "uuid" : "6c7561b4-4b92-3f45-921e-abe669299844",
    "path" : "\Vusr\Vlib\system\libsystem_pthread.dylib",
    "name" : "libsystem_pthread.dylib"
  },
  {
    "source" : "P",
    "arch" : "x86_64",
    "base" : 140703422873600,
    "CFBundleShortVersionString" : "1.8",
    "CFBundleIdentifier" : "com.apple.CoreVideo",
    "size" : 335872,
    "uuid" : "127e441f-3b6d-3c27-8a68-501b156ff6b9",
    "path" : "\System\Library\Frameworks\CoreVideo.framework\Versions\AVCoreVideo",
    "name" : "CoreVideo",
    "CFBundleVersion" : "0.0"
  },
  {
    "source" : "P",
    "arch" : "x86_64",
    "base" : 140703380262912,
    "CFBundleShortVersionString" : "1.600.0",
    "CFBundleIdentifier" : "com.apple.SkyLight",
    "size" : 3747840,
    "uuid" : "40ec9e65-1cf7-3fe0-a4f1-650d84d2899b",
    "path" : "\System\Library\PrivateFrameworks\SkyLight.framework\Versions\AVSkyLight",
    "name" : "SkyLight"
  },
  {
    "source" : "P",
    "arch" : "x86_64",
    "base" : 140703294988288,
    "size" : 290816,
    "uuid" : "c8f7bfb6-4b1a-37cd-a32d-cd5069c916df",
    "path" : "\Vusr\Vlib\system\libdispatch.dylib",
    "name" : "libdispatch.dylib"
  },
  {
    "source" : "P",
    "arch" : "x86_64",
    "base" : 4439994368,
    "size" : 2539520,
    "uuid" : "68b7707c-4bc4-3fb6-8d0d-abbd9abb3d90",
    "path" : "\Applications\Affinity Publisher.app\Contents\Frameworks\liblibkernel.dylib",
    "name" : "liblibkernel.dylib"
  }
],
"sharedCache" : {
  "base" : 140703293542400,
  "size" : 15216738304,
  "uuid" : "40432a03-88d3-305f-9c0c-e7549e71d927"
},

```



```

"vmSummary" : "ReadOnly portion of Libraries: Total=2.1G resident=0K(0%)
swapped_out_or_unallocated=2.1G(100%)\nWritable regions: Total=9.9G written=0K(0%)
resident=0K(0%) swapped_out=0K(0%) unallocated=9.9G(100%)\n\n
VIRTUAL REGION \nREGION TYPE                SIZE  COUNT (non-coalesced)
\n=====
\nAccelerate framework                      2432K    19
\nActivity Tracing                        256K     1 \nCG backing stores          4512K     4 \nCG image
149.2M   1799 \nColorSync                  236K    28 \nCoreAnimation          321.5M
1072 \nCoreGraphics                      12K     2 \nCoreImage           36K     6 \nCoreUI
image data                          3824K   159 \nFoundation           40K     2 \nIOKit
7940K     1 \nImage IO                      488K    40 \nKernel Alloc Once      8K     1
\nMALLOC                          8.5G   8166 \nMALLOC guard page          72K    16
\nMALLOC_LARGE (reserved)          8792K     1 reserved VM address space (unallocated)
\nMALLOC_MEDIUM (reserved)        520.0M     6 reserved VM address space (unallocated)
\nMALLOC_NANO (reserved)          384.0M     1 reserved VM address space (unallocated)
\nSQLite page cache                64K     1 \nSTACK GUARD          56.1M    36 \nStack
25.8M    36 \nVM_ALLOCATE                  728K    91 \n__DATA          48.0M
563 \n__DATA_CONST          30.8M   333 \n__DATA_DIRTY        1804K   211
\n__FONT_DATA                        4K     1 \n__LINKEDIT          961.5M    61
\n__OBJC_RO                        81.8M     1 \n__OBJC_RW          3136K     2 \n__TEXT
1.1G    571 \n__UNICODE                  588K     1 \ndyld private memory      2304K
3 \nlibnetwork                      128K     8 \nmapped file          881.8M   424 \nshared
memory                          7340K    24 \n=====
13.0G   13691 \nTOTAL, minus reserved VM space  12.2G   13691 \n",
"legacyInfo" : {
"threadTriggered" : {
"queue" : "com.apple.main-thread"
}
},
"trialInfo" : {
"rollouts" : [
{
"rolloutId" : "607844aa04477260f58a8077",
"factorPackIds" : {
"SIRI_MORPHUN_ASSETS" : "6103050cbfe6dc472e1c982a"
},
"deploymentId" : 240000066
},
{
"rolloutId" : "60da5e84ab0ca017dace9abf",
"factorPackIds" : {

},
"deploymentId" : 240000008
},
{
"rolloutId" : "601d9415f79519000ccd4b69",
"factorPackIds" : {
"SIRI_TEXT_TO_SPEECH" : "61f040507303d250981c88d9"
},
"deploymentId" : 240000378
},
{
"rolloutId" : "602ad4dac86151000cf27e46",
"factorPackIds" : {
"SIRI_DICTATION_ASSETS" : "6193d03f2171a2330e561dfc"
},
"deploymentId" : 240000305
},
{
"rolloutId" : "5fc94383418129005b4e9ae0",

```

```

    "factorPackIds" : {
      },
      "deploymentId" : 240000231
    },
    {
      "rolloutId" : "5ffde50ce2aacd000d47a95f",
      "factorPackIds" : {

      },
      "deploymentId" : 240000106
    }
  ],
  "experiments" : [

  ]
}
}

```

Model: MacBookPro16,1, BootROM 1715.60.5.0.0 (iBridge: 19.16.10647.0.0,0), 8 processors, 8-Core Intel Core i9, 2.4 GHz, 32 GB, SMC
 Graphics: Intel UHD Graphics 630, Intel UHD Graphics 630, Built-In
 Graphics: AMD Radeon Pro 5500M, AMD Radeon Pro 5500M, PCIe, 8 GB
 Display: DELL P2415Q, 6016 x 3384, Main, MirrorOff, Online
 Memory Module: BANK 0/ChannelA-DIMM0, 16 GB, DDR4, 2667 MHz, Micron, MT40A2G8NEA-062E:J
 Memory Module: BANK 2/ChannelB-DIMM0, 16 GB, DDR4, 2667 MHz, Micron, MT40A2G8NEA-062E:J
 AirPort: spairport_wireless_card_type_wifi (0x14E4, 0x7BF), wl0: Jul 12 2021 18:02:56 version 9.30.464.0.32.5.76 FWID 01-c081cfed
 Bluetooth: Version (null), 0 services, 0 devices, 0 incoming serial ports
 Network Service: Wi-Fi, AirPort, en0
 USB Device: USB3.0 Card Reader
 USB Device: Extreme SSD
 USB Device: USB31Bus
 USB Device: USB 2.0 BILLBOARD
 USB Device: T2Bus
 USB Device: composite_device
 USB Device: Touch Bar Backlight
 USB Device: Touch Bar Display
 USB Device: Apple Internal Keyboard / Trackpad
 USB Device: Headset
 USB Device: Ambient Light Sensor
 USB Device: FaceTime HD Camera (Built-in)
 USB Device: Apple T2 Controller
 Thunderbolt Bus: MacBook Pro, Apple Inc., 63.5
 Thunderbolt Bus: MacBook Pro, Apple Inc., 63.5