

Process: Cheetah3D [4752]
Path: /Applications/Cheetah3D.app/Contents/MacOS/Cheetah3D
Identifier: de.wengenmayer.Cheetah3D
Version: 5.8 (5.8)
App Item ID: 402708753
App External ID: 4054320
Code Type: X86-64 (Native)
Parent Process: launchd [262]

Date/Time: 2012-02-22 00:53:36.201 -0800
OS Version: Mac OS X 10.7.2 (11C74)
Report Version: 9

Interval Since Last Report: 296022 sec
Crashes Since Last Report: 5
Per-App Interval Since Last Report: 46519 sec
Per-App Crashes Since Last Report: 4
Anonymous UUID: 93FD6C43-24EB-4BD1-A696-AD9920B000C2

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

Exception Type: EXC_BAD_ACCESS (SIGBUS)
Exception Codes: KERN_PROTECTION_FAILURE at 0x000000010700a140

VM Regions Near 0x10700a140:

MALLOC_LARGE (freed) 0000000106fb8000-0000000107000000 [288K] rw-/rwx SM=PRV
--> JS garbage collector 0000000107000000-0000000107014000 [80K] rw-/rwx SM=COW
MALLOC_LARGE (reused) 0000000107018000-0000000107038000 [128K] rw-/rwx SM=PRV

Application Specific Information:

Performing @selector(browserMenuAction:) from sender NSMenuItem 0x11bc25810
objc[4752]: garbage collection is OFF

Thread 0 Crashed:: Dispatch queue: com.apple.main-thread
0 ??? 0x000000010700a140 0 + 4412449088

Thread 1:: Dispatch queue: com.apple.libdispatch-manager

0 libsystem_kernel.dylib 0x00007fff9389c7e6 kevent + 10
1 libdispatch.dylib 0x00007fff90bfa5be _dispatch_mgr_invoke + 923
2 libdispatch.dylib 0x00007fff90bf914e _dispatch_mgr_thread + 54

Thread 2:

0 libsystem_kernel.dylib 0x00007fff9389be42 __semwait_signal + 10
1 libsystem_c.dylib 0x00007fff8a97997e pthread_join + 795
2 de.wengenmayer.MWM 0x0000000100367ccf renderThread(mwCamera*) + 495
3 de.wengenmayer.Cheetah3D 0x000000010004e9cd -[mwRenderJob sceneThread:] + 1021
4 com.apple.Foundation 0x00007fff910197fe -[NSThread main] + 68
5 com.apple.Foundation 0x00007fff91019776 __NSThread__main__ + 1575
6 libsystem_c.dylib 0x00007fff8a9c38bf _pthread_start + 335
7 libsystem_c.dylib 0x00007fff8a9c6b75 thread_start + 13

Thread 3:

0 de.wengenmayer.MWM 0x00000001003e641d

```

mwTriMesh::qbvhIntersect(mwPolygon*, double*, float*, float*, float*, float*, double, double, signed
char) + 781
1 de.wengenmayer.MWM 0x00000001003e6826
mwTriMesh::intersectObject(mwRay*) + 262
2 de.wengenmayer.MWM 0x000000010031fbbf intersectObjBSP + 239
3 de.wengenmayer.MWM 0x0000000100323457 intersectScene + 103
4 de.wengenmayer.MWM 0x0000000100324c24 shadowTrace + 276
5 de.wengenmayer.MWM 0x00000001003a4c06
mwLight::shadowOfSample(mwSurfaceShaderGlobals*, mwLightSample*, int, float, float*, float*,
float*) + 166
6 de.wengenmayer.MWM 0x00000001003f1990
mwAreaLight::Le(mwSurfaceShaderGlobals*) + 832
7 de.wengenmayer.MWM 0x0000000100323023 buildLights + 147
8 de.wengenmayer.MWM 0x00000001003e573e
mwTriMesh::shade(mwSurfaceShaderGlobals*) + 142
9 de.wengenmayer.MWM 0x0000000100323f09 shadePrimaryRay + 505
10 de.wengenmayer.MWM 0x00000001003ec0bf mwBucket::subdivSample(int, int, int,
float, int) + 671
11 de.wengenmayer.MWM 0x00000001003ebec2 mwBucket::subdivSample(int, int,
int, float, int) + 162
12 de.wengenmayer.MWM 0x00000001003ebee2 mwBucket::subdivSample(int, int,
int, float, int) + 194
13 de.wengenmayer.MWM 0x00000001003ecd5b mwBucket::render() + 571
14 de.wengenmayer.MWM 0x0000000100367f55 bucketSlave(void*) + 69
15 libsystem_c.dylib 0x00007fff8a9c38bf _pthread_start + 335
16 libsystem_c.dylib 0x00007fff8a9c6b75 thread_start + 13

```

Thread 4:

```

0 de.wengenmayer.MWM 0x00000001003e6357
mwTriMesh::qbvhIntersect(mwPolygon*, double*, float*, float*, float*, float*, double, double, signed
char) + 583
1 de.wengenmayer.MWM 0x00000001003e6826
mwTriMesh::intersectObject(mwRay*) + 262
2 de.wengenmayer.MWM 0x000000010031fbbf intersectObjBSP + 239
3 de.wengenmayer.MWM 0x0000000100323457 intersectScene + 103
4 de.wengenmayer.MWM 0x000000010035f4de
mwIrradianceCache::calculateNewSample(mwSurfaceShaderGlobals*, Irradiance*, Vec3f, Vec3f,
Vec3f, int, signed char) + 2542
5 de.wengenmayer.MWM 0x0000000100326659 radiosity + 393
6 de.wengenmayer.MWM 0x0000000100401dbf
mwMaterialNode::evaluateNode(mwSurfaceShaderGlobals*, int) + 5135
7 de.wengenmayer.MWM 0x000000010039c836
mwMaterial::shade(mwSurfaceShaderGlobals*) + 38
8 de.wengenmayer.MWM 0x0000000100325132 trace + 690
9 de.wengenmayer.MWM 0x0000000100325e4c wrad + 1516
10 de.wengenmayer.MWM 0x0000000100403db8
mwMetalNode::evaluateNode(mwSurfaceShaderGlobals*, int) + 1656
11 de.wengenmayer.MWM 0x000000010039c836
mwMaterial::shade(mwSurfaceShaderGlobals*) + 38
12 de.wengenmayer.MWM 0x0000000100323f09 shadePrimaryRay + 505
13 de.wengenmayer.MWM 0x00000001003ec003 mwBucket::subdivSample(int, int,
int, float, int) + 483
14 de.wengenmayer.MWM 0x00000001003ebec2 mwBucket::subdivSample(int, int,
int, float, int) + 162

```

```
15 de.wengenmayer.MWM          0x000000001003ebec2 mwBucket::subdivSample(int, int,
int, float, int) + 162
16 de.wengenmayer.MWM          0x000000001003ecd5b mwBucket::render() + 571
17 de.wengenmayer.MWM          0x00000000100367f55 bucketSlave(void*) + 69
18 libsystem_c.dylib            0x00007fff8a9c38bf _pthread_start + 335
19 libsystem_c.dylib            0x00007fff8a9c6b75 thread_start + 13
```

Thread 5:

```
0 libsystem_kernel.dylib       0x00007fff9389c192 __workq_kernreturn + 10
1 libsystem_c.dylib            0x00007fff8a9c5594 _pthread_wqthread + 758
2 libsystem_c.dylib            0x00007fff8a9c6b85 start_wqthread + 13
```

Thread 6:

```
0 libsystem_kernel.dylib       0x00007fff9389c192 __workq_kernreturn + 10
1 libsystem_c.dylib            0x00007fff8a9c5594 _pthread_wqthread + 758
2 libsystem_c.dylib            0x00007fff8a9c6b85 start_wqthread + 13
```

Thread 7:

```
0 libsystem_kernel.dylib       0x00007fff9389c192 __workq_kernreturn + 10
1 libsystem_c.dylib            0x00007fff8a9c5594 _pthread_wqthread + 758
2 libsystem_c.dylib            0x00007fff8a9c6b85 start_wqthread + 13
```

Thread 8:: JavaScriptCore::BlockFree

```
0 libsystem_kernel.dylib       0x00007fff9389bbca __psynch_cvwait + 10
1 libsystem_c.dylib            0x00007fff8a9c7274 _pthread_cond_wait + 840
2 com.apple.JavaScriptCore     0x00007fff9393e5f7
WTF::ThreadCondition::timedWait(WTF::Mutex&, double) + 151
3 com.apple.JavaScriptCore     0x00007fff93b6accf JSC::Heap::blockFreeingThreadMain() + 319
4 com.apple.JavaScriptCore     0x00007fff93b6ad09
JSC::Heap::blockFreeingThreadStartFunc(void*) + 9
5 libsystem_c.dylib            0x00007fff8a9c38bf _pthread_start + 335
6 libsystem_c.dylib            0x00007fff8a9c6b75 thread_start + 13
```

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

```
rax: 0x0000000010700a0e0 rbx: 0x000000001113df000 rcx: 0x00000000000000119 rdx:
0x00000000000000000
rdi: 0x00007fff5fbfe6d0 rsi: 0x0000000011386c098 rbp: 0x000000001113db0f8 rsp:
0x00007fff5fbfe4e8
r8: 0x00007fff7acb1368 r9: 0x00007fff5fbfe4a8 r10: 0x00000000000000081 r11:
0x00007fff93960760
r12: 0x000000001113df000 r13: 0x00007fff5fbfe6d0 r14: 0x0000000011386c098 r15:
0x00000000000000001
rip: 0x0000000010700a140 rfl: 0x00000000000010246 cr2: 0x0000000010700a140
Logical CPU: 1
```

Binary Images:

```
0x100000000 - 0x1000b5fff +de.wengenmayer.Cheetah3D (5.8 - 5.8)
<BB41A431-08B7-7092-A927-D80CB55EF61A> /Applications/Cheetah3D.app/Contents/MacOS/
Cheetah3D
0x10013d000 - 0x100220fff libcrypto.0.9.7.dylib (0.9.7 - compatibility 0.9.7)
<358B5B40-43B2-3F92-9FD3-DAA68806E1FF> /usr/lib/libcrypto.0.9.7.dylib
0x100276000 - 0x100b7cfff +de.wengenmayer.MWM (??? - 1.0) <7C10A391-B8BF-2359-
DE74-F6E358CB477E> /Applications/Cheetah3D.app/Contents/Frameworks/MWM.framework/
Versions/A/MWM
```

0x10157f000 - 0x10157fffd +cl_kernels (??? - ???) <5169D872-5D44-49A6-9FE4-D32C31FEAE08> cl_kernels
 0x101712000 - 0x101712ff1 +cl_kernels (??? - ???) <C059D463-23DB-4C8C-B5A0-43D76C2BDE46> cl_kernels
 0x105e00000 - 0x105f98ff7 GLEngine (??? - ???) <D770A837-9F8D-3C86-AB33-CBDEF5599CA2> /System/Library/Frameworks/OpenGL.framework/Resources/GLEngine.bundle/GLEngine
 0x105fcc000 - 0x1060c5fff libGLProgrammability.dylib (??? - ???) <BCA0FD49-2103-33D8-8801-326C6A62465E> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLProgrammability.dylib
 0x1060eb000 - 0x106119ff7 GLRendererFloat (??? - ???) <16DF14A0-7264-31A4-83F6-E6F96CF4AB3D> /System/Library/Frameworks/OpenGL.framework/Resources/GLRendererFloat.bundle/GLRendererFloat
 0x106519000 - 0x106519ff5 +cl_kernels (??? - ???) <6130FFC3-A10B-44DB-94A4-A5061D3C92F0> cl_kernels
 0x106576000 - 0x106579ff7 libCoreFSCache.dylib (??? - ???) <D4B5EFEA-7878-3674-A973-BA1D675E5A3C> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCoreFSCache.dylib
 0x107169000 - 0x10716ffef libclldcpuengine.dylib (1.50.61 - compatibility 1.0.0) <EAC03E33-595E-3829-8199-479FA5CD9987> /System/Library/Frameworks/OpenCL.framework/Libraries/libclldcpuengine.dylib
 0x107191000 - 0x107224ff7 unorm8_bgra.dylib (1.50.61 - compatibility 1.0.0) <3ED8B0D5-4A55-3E39-8490-B7BC1780F67B> /System/Library/Frameworks/OpenCL.framework/Libraries/ImageFormats/unorm8_bgra.dylib
 0x108ddf000 - 0x108dedff7 com.apple.Librarian (1.0 - 1) <3FAE74F0-990A-3637-BC1D-422A9CDB1CB7> /System/Library/PrivateFrameworks/Librarian.framework/Versions/A/Librarian
 0x10cea8000 - 0x10cf39ff7 unorm8_rgba.dylib (1.50.61 - compatibility 1.0.0) <278541F2-18CC-3BE4-AD6B-24A3E983ACB5> /System/Library/Frameworks/OpenCL.framework/Libraries/ImageFormats/unorm8_rgba.dylib
 0x11f1e8000 - 0x11f223ff7 com.apple.Ubiquity (1.0 - 196) <B7CD3D18-84C8-3C5E-8AE5-ED3331E71F05> /System/Library/PrivateFrameworks/Ubiquity.framework/Versions/A/Ubiquity
 0x11f240000 - 0x11f260ff7 com.apple.ChunkingLibrary (1.0 - 125) <9EAE4385-5DF7-3956-8196-895DD6772BD7> /System/Library/PrivateFrameworks/ChunkingLibrary.framework/Versions/A/ChunkingLibrary
 0x200000000 - 0x2007e3fff com.apple.GeForceGLDriver (7.12.9 - 7.1.2) <F5C45580-0C5E-372B-946A-7F44E25BC8A0> /System/Library/Extensions/GeForceGLDriver.bundle/Contents/MacOS/GeForceGLDriver
 0x7fff60106000 - 0x7fff6013aac7 dyld (195.5 - ???) <4A6E2B28-C7A2-3528-ADB7-4076B9836041> /usr/lib/dyld
 0x7fff89629000 - 0x7fff89631fff libsystem_dnssd.dylib (??? - ???) <407A48F3-64A0-348B-88E6-70CECD3D0D67> /usr/lib/system/libsystem_dnssd.dylib
 0x7fff89632000 - 0x7fff89646ff7 com.apple.LangAnalysis (1.7.0 - 1.7.0) <04C31EF0-912A-3004-A08F-CEC27030E0B2> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/LangAnalysis.framework/Versions/A/LangAnalysis
 0x7fff89647000 - 0x7fff896ddff7 libvMisc.dylib (325.4.0 - compatibility 1.0.0) <642D8D54-F9F5-3FBB-A96C-EEFE94C6278B> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvMisc.dylib
 0x7fff8984a000 - 0x7fff8985cff7 libbsm.0.dylib (??? - ???) <349BB16F-75FA-363F-8D98-7A9C3FA90A0D> /usr/lib/libbsm.0.dylib
 0x7fff898aa000 - 0x7fff898d0ff7 com.apple.framework.familycontrols (3.0 - 300) <41A6DFC2-EAF5-390A-83A1-C8832528705C> /System/Library/PrivateFrameworks/FamilyControls.framework/Versions/A/FamilyControls

0x7fff8991a000 - 0x7fff8991dfff libCoreVMClient.dylib (??? - ???) <E034C772-4263-3F48-B083-25A758DD6228> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCoreVMClient.dylib
 0x7fff8991e000 - 0x7fff8994bfe7 libSystem.B.dylib (159.1.0 - compatibility 1.0.0) <095FDD3C-3961-3865-A59B-A5B0A4B8B923> /usr/lib/libSystem.B.dylib
 0x7fff8994c000 - 0x7fff89953fff libCGXCoreImage.A.dylib (600.0.0 - compatibility 64.0.0) <40374018-2832-3144-8114-CED417321C76> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/CoreGraphics.framework/Versions/A/Resources/libCGXCoreImage.A.dylib
 0x7fff89954000 - 0x7fff89957ff7 com.apple.securityhi (4.0 - 1) <B37B8946-BBD4-36C1-ABC6-18EDBC573F03> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SecurityHI.framework/Versions/A/SecurityHI
 0x7fff89958000 - 0x7fff89997fff com.apple.AE (527.7 - 527.7) <B82F7ABC-AC8B-3507-B029-969DD5CA813D> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/AE.framework/Versions/A/AE
 0x7fff89998000 - 0x7fff899b37ff com.apple.QuartzCore (1.7 - 270.0) <E8FC9AA4-A5CB-384B-AD29-7190A1387D3E> /System/Library/Frameworks/QuartzCore.framework/Versions/A/QuartzCore
 0x7fff899b38000 - 0x7fff899b43ff com.apple.aps.framework (2.1 - 2.1) <032C9540-6E89-37FE-9C31-9BF4CC2EBF80> /System/Library/PrivateFrameworks/ApplePushService.framework/Versions/A/ApplePushService
 0x7fff899caf000 - 0x7fff899cceff libresolv.9.dylib (46.0.0 - compatibility 1.0.0) <33263568-E6F3-359C-A4FA-66AD1300F7D4> /usr/lib/libresolv.9.dylib
 0x7fff899cf2000 - 0x7fff899d91ff com.apple.LaunchServices (480.21 - 480.21) <6BFADEA9-5BC1-3B53-A013-488EB7F1AB57> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/LaunchServices.framework/Versions/A/LaunchServices
 0x7fff899d92000 - 0x7fff899dedff com.apple.HIServices (1.10 - ???) <BAB8B422-7047-3D2D-8E0A-13FCF153E4E7> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/HIServices.framework/Versions/A/HIServices
 0x7fff8a009000 - 0x7fff8a017fff com.apple.HelpData (2.1.0 - 70) <917CF02F-276E-3571-9042-AAAC0D3D4E1> /System/Library/PrivateFrameworks/HelpData.framework/Versions/A/HelpData
 0x7fff8a018000 - 0x7fff8a057ff7 libGLImage.dylib (??? - ???) <2D1D8488-EC5F-3229-B983-CFDE0BB37586> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLImage.dylib
 0x7fff8a03a8000 - 0x7fff8a061bff com.apple.CoreImage (7.82 - 1.0.1) <282801B6-5D80-3E2C-88A4-00FE29906D5A> /System/Library/Frameworks/QuartzCore.framework/Versions/A/Frameworks/CoreImage.framework/Versions/A/CoreImage
 0x7fff8a0975000 - 0x7fff8aa52fef libsystem_c.dylib (763.12.0 - compatibility 1.0.0) <FF69F06E-0904-3C08-A5EF-536FAFFFDC22> /usr/lib/system/libsystem_c.dylib
 0x7fff8aa53000 - 0x7fff8aa56fff com.apple.AppleSystemInfo (1.0 - 1) <598ADC13-C994-3579-A885-0D6658DDD564> /System/Library/PrivateFrameworks/AppleSystemInfo.framework/Versions/A/AppleSystemInfo
 0x7fff8aaa4000 - 0x7fff8ab36fff com.apple.CorePDF (3.0 - 3.0) <6056B710-155A-3543-9373-B9F3E5FC99CE> /System/Library/PrivateFrameworks/CorePDF.framework/Versions/A/CorePDF
 0x7fff8ab37000 - 0x7fff8ab4dfff libGL.dylib (??? - ???) <6A473BF9-4D35-34C6-9F8B-86B68091A9AF> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGL.dylib
 0x7fff8ab4e000 - 0x7fff8ab61ff7 libCRFSuite.dylib (??? - ???) <034D4DAA-63F0-35E4-BCEF-338DD7A453DD> /usr/lib/libCRFSuite.dylib
 0x7fff8ab7b000 - 0x7fff8acb4fef com.apple.vImage (5.1 - 5.1) <EB634387-CD15-3246-AC28-5FB368ACCEA2> /System/Library/Frameworks/Accelerate.framework/Versions/A/

Frameworks/vImage.framework/Versions/A/vImage
0x7fff8acc3000 - 0x7fff8ad36fff libstdc++.6.dylib (52.0.0 - compatibility 7.0.0) <6BDD43E4-A4B1-379E-9ED5-8C713653DFF2> /usr/lib/libstdc++.6.dylib
0x7fff8adb9000 - 0x7fff8adf3fff com.apple.DebugSymbols (2.1 - 85)
<AEF473A5-25BF-3FB7-9A07-320D9CB85959> /System/Library/PrivateFrameworks/
DebugSymbols.framework/Versions/A/DebugSymbols
0x7fff8adf4000 - 0x7fff8aed8def libobjc.A.dylib (228.0.0 - compatibility 1.0.0) <C5F2392D-B481-3A9D-91BE-3D039FFF4DEC> /usr/lib/libobjc.A.dylib
0x7fff8aed9000 - 0x7fff8aeddfff libCGXType.A.dylib (600.0.0 - compatibility 64.0.0)
<5EEAD17D-006C-3855-8093-C7A4A97EE0D0> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/CoreGraphics.framework/Versions/A/
Resources/libCGXType.A.dylib
0x7fff8aede000 - 0x7fff8aedffff libdnsinfo.dylib (395.6.0 - compatibility 1.0.0)
<718A135F-6349-354A-85D5-430B128EFD57> /usr/lib/system/libdnsinfo.dylib
0x7fff8aee9000 - 0x7fff8aee9fff com.apple.Cocoa (6.6 - ???) <021D4214-9C23-3CD8-AFB2-F331697A4508> /System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa
0x7fff8aefd000 - 0x7fff8af08ff7 libc++abi.dylib (14.0.0 - compatibility 1.0.0) <8FF3D766-D678-36F6-84AC-423C878E6D14> /usr/lib/libc++abi.dylib
0x7fff8af09000 - 0x7fff8af8eff7 com.apple.Heimdal (2.1 - 2.0) <C92E327E-CB5F-3C9B-92B0-F1680095C8A3> /System/Library/PrivateFrameworks/Heimdal.framework/Versions/A/Heimdal
0x7fff8af91000 - 0x7fff8afc1ff7 com.apple.DictionaryServices (1.2.1 - 158.2)
<3FC86118-7553-38F7-8916-B329D2E94476> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/DictionaryServices.framework/Versions/A/
DictionaryServices
0x7fff8b016000 - 0x7fff8b3b4fef com.apple.MediaToolbox (1.0 - 705.42)
<BF05C02D-3202-3FF8-A334-C14AF7C89F9E> /System/Library/PrivateFrameworks/
MediaToolbox.framework/Versions/A/MediaToolbox
0x7fff8b3b5000 - 0x7fff8bac8587 com.apple.CoreGraphics (1.600.0 - ???)
<A9F2451E-6F60-350E-A6E5-539669B53074> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/CoreGraphics.framework/Versions/A/
CoreGraphics
0x7fff8bac9000 - 0x7fff8bb6bff7 com.apple.securityfoundation (5.0 - 55005) <0D59908C-A61B-389E-AF37-741ACBBA6A94> /System/Library/Frameworks/SecurityFoundation.framework/
Versions/A/SecurityFoundation
0x7fff8bbc4000 - 0x7fff8c29fff7 libclh.dylib (4.0.3 - 4.0.3) <8F30C110-D5F7-3130-A894-F9CE9383EBCB> /System/Library/Extensions/GeForceGLDriver.bundle/Contents/MacOS/
libclh.dylib
0x7fff8c2a0000 - 0x7fff8c2a5fff libcache.dylib (47.0.0 - compatibility 1.0.0)
<B7757E2E-5A7D-362E-AB71-785FE79E1527> /usr/lib/system/libcache.dylib
0x7fff8c2a6000 - 0x7fff8c2b1fff com.apple.CommonAuth (2.1 - 2.0)
<BFDD0A8D-4BEA-39EC-98B3-2E083D7B1ABD> /System/Library/PrivateFrameworks/
CommonAuth.framework/Versions/A/CommonAuth
0x7fff8c2b2000 - 0x7fff8c2b2fff com.apple.Accelerate.vecLib (3.7 - vecLib 3.7)
<C06A140F-6114-3B8B-B080-E509303145B8> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/vecLib
0x7fff8c2c3000 - 0x7fff8c32dfff com.apple.framework.IOKit (2.0 - ???) <87D55F1D-CDB5-3D13-A5F9-98EA4E22F8EE> /System/Library/Frameworks/IOKit.framework/Versions/A/IOKit
0x7fff8c32e000 - 0x7fff8c332fff libdyld.dylib (195.5.0 - compatibility 1.0.0) <F1903B7A-D3FF-3390-909A-B24E09BAD1A5> /usr/lib/system/libdyld.dylib
0x7fff8c333000 - 0x7fff8c366ff7 com.apple.GSS (2.1 - 2.0) <9A2C9736-DA10-367A-B376-2C7A584E6C7A> /System/Library/Frameworks/GSS.framework/Versions/A/GSS
0x7fff8c77b000 - 0x7fff8c81ffef com.apple.ink.framework (1.3.2 - 110) <F69DBD44-FEC8-3C14-8131-CC0245DBBD42> /System/Library/Frameworks/Carbon.framework/Versions/A/
Frameworks/Ink.framework/Versions/A/Ink

0x7fff8c820000 - 0x7fff8c835fff com.apple.speech.synthesis.framework (4.0.74 - 4.0.74)
<C061ECBB-7061-3A43-8A18-90633F943295> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/SpeechSynthesis.framework/Versions/A/
SpeechSynthesis
0x7fff8c836000 - 0x7fff8c850fff com.apple.CoreMediaAuthoring (2.0 - 889) <99D8E4C6-
DDD3-3B0C-BBFB-A513877F10F6> /System/Library/PrivateFrameworks/
CoreMediaAuthoring.framework/Versions/A/CoreMediaAuthoring
0x7fff8ca09000 - 0x7fff8cc84fff com.apple.imageKit (2.1.1 - 1.0)
<9C159577-0FFF-34D8-890E-66627A9E44FB> /System/Library/Frameworks/Quartz.framework/
Versions/A/Frameworks/ImageKit.framework/Versions/A/ImageKit
0x7fff8cc85000 - 0x7fff8cd66fff com.apple.CoreServices.OSServices (478.29 - 478.29)
<B487110E-C942-33A8-A494-3BDEDB88B1CD> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/OSServices.framework/Versions/A/OSServices
0x7fff8cda2000 - 0x7fff8cda8fff libGFXShared.dylib (??? - ???) <343AE6C0-
EB02-333C-8D35-DF6093B92758> /System/Library/Frameworks/OpenGL.framework/Versions/A/
Libraries/libGFXShared.dylib
0x7fff8cda9000 - 0x7fff8d38dfff libBLAS.dylib (??? - ???) <C34F6D88-187F-33DC-8A68-
C0C9D1FA36DF> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libBLAS.dylib
0x7fff8d41c000 - 0x7fff8d463ff7 com.apple.CoreMedia (1.0 - 705.42) <AA2E9D78-
A08C-39E2-B423-D69A75C2397D> /System/Library/Frameworks/CoreMedia.framework/Versions/
A/CoreMedia
0x7fff8d464000 - 0x7fff8d562fff com.apple.QuickLookUIFramework (3.1 - 500.1)
<D3A71FF1-7ED1-39DB-AD4E-451612DA536C> /System/Library/Frameworks/Quartz.framework/
Versions/A/Frameworks/QuickLookUI.framework/Versions/A/QuickLookUI
0x7fff8d594000 - 0x7fff8d5b0ff7 com.apple.GenerationalStorage (1.0 - 125) <31F60175-
E38D-3C63-8D95-32CFE7062BCB> /System/Library/PrivateFrameworks/
GenerationalStorage.framework/Versions/A/GenerationalStorage
0x7fff8d679000 - 0x7fff8d6ccfff com.apple.AppleVAFramework (5.0.14 - 5.0.14)
<45159B9E-05BF-35B2-AF76-D933490FBFB1> /System/Library/PrivateFrameworks/
AppleVA.framework/Versions/A/AppleVA
0x7fff8d733000 - 0x7fff8d88cfff com.apple.audio.toolbox.AudioToolbox (1.7.1 - 1.7.1)
<4877267E-F736-3019-85D3-40A32A042A80> /System/Library/Frameworks/
AudioToolbox.framework/Versions/A/AudioToolbox
0x7fff8d88d000 - 0x7fff8d898ff7 com.apple.bsd.ServiceManagement (2.0 - 2.0)
<9807F306-4081-34DA-9970-83A136E1E53F> /System/Library/Frameworks/
ServiceManagement.framework/Versions/A/ServiceManagement
0x7fff8d89c000 - 0x7fff8d89dfff libsystem_sandbox.dylib (??? - ???) <8D14139B-
B671-35F4-9E5A-023B4C523C38> /usr/lib/system/libsystem_sandbox.dylib
0x7fff8d89e000 - 0x7fff8d8a3fff libcompiler_rt.dylib (6.0.0 - compatibility 1.0.0) <98ECD5F6-
E85C-32A5-98CD-8911230CB66A> /usr/lib/system/libcompiler_rt.dylib
0x7fff8d8a4000 - 0x7fff8d8e4ff7 libcups.2.dylib (2.9.0 - compatibility 2.0.0) <B7173CA4-
CE16-3BAB-8D83-185FCEFA15F5> /usr/lib/libcups.2.dylib
0x7fff8d8e5000 - 0x7fff8d8e5fff com.apple.ApplicationServices (41 - 41)
<03F3FA8F-8D2A-3AB6-A8E3-40B001116339> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/ApplicationServices
0x7fff8d8e6000 - 0x7fff8d956fff com.apple.datadetectscore (3.0 - 179.4)
<2A822A13-94B3-3A43-8724-98FDF698BB12> /System/Library/PrivateFrameworks/
DataDetectorsCore.framework/Versions/A/DataDetectorsCore
0x7fff8d957000 - 0x7fff8d9abff7 com.apple.ImageCaptureCore (3.0.1 - 3.0.1)
<5D86BECB-9F7A-3FDB-9436-C3DE4B2A5F29> /System/Library/Frameworks/
ImageCaptureCore.framework/Versions/A/ImageCaptureCore
0x7fff8d9ac000 - 0x7fff8d9bbff7 com.apple.opengl (1.7.5 - 1.7.5)
<2945F1A6-910C-3596-9988-5701B04BD821> /System/Library/Frameworks/OpenGL.framework/

Versions/A/OpenGL

0x7fff8d9bc000 - 0x7fff8da1cfff libvDSP.dylib (325.4.0 - compatibility 1.0.0)
<3A7521E6-5510-3FA7-AB65-79693A7A5839> /System/Library/Frameworks/
Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvDSP.dylib
0x7fff8da1d000 - 0x7fff8da6bfff libauto.dylib (??? - ???) <D8AC8458-DDD0-3939-8B96-
B6CED81613EF> /usr/lib/libauto.dylib
0x7fff8da6c000 - 0x7fff8da75fff libsystem_notify.dylib (80.1.0 - compatibility 1.0.0)
<A4D651E3-D1C6-3934-AD49-7A104FD14596> /usr/lib/system/libsystem_notify.dylib
0x7fff8da76000 - 0x7fff8da83fff libCSync.A.dylib (600.0.0 - compatibility 64.0.0) <931F40EB-
CA75-3A90-AC97-4DB8E210BC76> /System/Library/Frameworks/ApplicationServices.framework/
Versions/A/Frameworks/CoreGraphics.framework/Versions/A/Resources/libCSync.A.dylib
0x7fff8da84000 - 0x7fff8dc86fff libicucore.A.dylib (46.1.0 - compatibility 1.0.0) <38CD6ED3-
C8E4-3CCD-89AC-9C3198803101> /usr/lib/libicucore.A.dylib
0x7fff8dc87000 - 0x7fff8e0a3fff com.apple.SceneKit (2.1 - 125.1)
<296A889C-2E9D-366F-8962-E23931EECC70> /System/Library/PrivateFrameworks/
SceneKit.framework/Versions/A/SceneKit
0x7fff8e0fa000 - 0x7fff8e175fff com.apple.print.framework.PrintCore (7.1 - 366.1)
<3F140DEB-9F87-3672-97CC-F983752581AC> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/PrintCore.framework/Versions/A/PrintCore
0x7fff8f0ad000 - 0x7fff8f0f8fff com.apple.SystemConfiguration (1.11.1 - 1.11)
<F832FE21-5509-37C6-B1F1-48928F31BE45> /System/Library/Frameworks/
SystemConfiguration.framework/Versions/A/SystemConfiguration
0x7fff8f108000 - 0x7fff8f135fff com.apple.opengl (1.50.63 - 1.50.63)
<DB335C5C-3ABD-38C8-B6A5-8436EE1484D3> /System/Library/Frameworks/
OpenCL.framework/Versions/A/OpenCL
0x7fff8f136000 - 0x7fff8f13aff7 com.apple.CommonPanels (1.2.5 - 94) <0BB2C436-
C9D5-380B-86B5-E355A7711259> /System/Library/Frameworks/Carbon.framework/Versions/A/
Frameworks/CommonPanels.framework/Versions/A/CommonPanels
0x7fff8f13b000 - 0x7fff8f158fff libPng.dylib (??? - ???) <3C70A94C-9442-3E11-AF51-
C1B0EF81680E> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/
Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib
0x7fff8f159000 - 0x7fff8f182fff com.apple.CoreServicesInternal (113.8 - 113.8) <C1A3CF1B-
BC45-3FC6-82B3-1511EBBA9D51> /System/Library/PrivateFrameworks/
CoreServicesInternal.framework/Versions/A/CoreServicesInternal
0x7fff8f183000 - 0x7fff8f261fff com.apple.ImageIO.framework (3.1.1 - 3.1.1)
<13E549F8-5BD6-3BAE-8C33-1D0BD269C081> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/ImageIO.framework/Versions/A/ImageIO
0x7fff8f446000 - 0x7fff8f486fff libtidy.A.dylib (??? - ???) <E500CDB9-C010-3B1A-
B995-774EE64F39BE> /usr/lib/libtidy.A.dylib
0x7fff8f487000 - 0x7fff8f48cfff libGIF.dylib (??? - ???) <393E2DB5-9479-39A6-A75A-
B5F20B852532> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/
Frameworks/ImageIO.framework/Versions/A/Resources/libGIF.dylib
0x7fff8f4b7000 - 0x7fff8f7dbfff com.apple.HIToolbox (1.8 - ???)
<A3BE7C59-52E6-3A7F-9B30-24B7DD3E95F2> /System/Library/Frameworks/Carbon.framework/
Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox
0x7fff8f82d000 - 0x7fff8f880fff libFontRegistry.dylib (??? - ???) <57FBD85F-41A6-3DB9-B5F4-
FCC6B260F1AD> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/
Frameworks/ATS.framework/Versions/A/Resources/libFontRegistry.dylib
0x7fff8f900000 - 0x7fff8fa0dfff libJP2.dylib (??? - ???) <6052C973-9354-35CB-
AAB9-31D00D8786F9> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/
Frameworks/ImageIO.framework/Versions/A/Resources/libJP2.dylib
0x7fff8fa0e000 - 0x7fff8fa0efff com.apple.CoreServices (53 - 53) <043C8026-8EDD-3241-
B090-F589E24062EF> /System/Library/Frameworks/CoreServices.framework/Versions/A/
CoreServices

0x7fff8fa0f000 - 0x7fff8fa0fff com.apple.audio.units.AudioUnit (1.7.1 - 1.7.1) <04C10813-CCE5-3333-8C72-E8E35E417B3B> /System/Library/Frameworks/AudioUnit.framework/Versions/A/AudioUnit
 0x7fff8fb1f000 - 0x7fff8fb4cff com.apple.quartzfilters (1.7.0 - 1.7.0) <ED846829-EBF1-3E2F-9EA6-D8743E5A4784> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuartzFilters.framework/Versions/A/QuartzFilters
 0x7fff9006c000 - 0x7fff90076ff liblaunch.dylib (392.18.0 - compatibility 1.0.0) <39EF04F2-7F0C-3435-B785-BF283727FFBD> /usr/lib/system/liblaunch.dylib
 0x7fff90077000 - 0x7fff9007eff com.apple.CommerceCore (1.0 - 17) <AA783B87-48D4-3CA6-8FF6-0316396022F4> /System/Library/PrivateFrameworks/CommerceKit.framework/Versions/A/Frameworks/CommerceCore.framework/Versions/A/CommerceCore
 0x7fff90083000 - 0x7fff900c4fff com.apple.QD (3.12 - ???) <4F3C5629-97C7-3E55-AF3C-ACC524929DA2> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/QD.framework/Versions/A/QD
 0x7fff90101000 - 0x7fff90151fff com.apple.CoreMediaIO (210.0 - 3180) <13374EA4-83BE-3407-B9DD-D199426D0E7A> /System/Library/Frameworks/CoreMediaIO.framework/Versions/A/CoreMediaIO
 0x7fff90152000 - 0x7fff90326fff com.apple.CoreFoundation (6.7.1 - 635.15) <FE4A86C2-3599-3CF8-AD1A-822F1FEA820F> /System/Library/Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation
 0x7fff9052a000 - 0x7fff9095cff com.apple.VideoToolbox (1.0 - 705.42) <FA0AD643-845C-3378-AFD1-8C5BD0215B72> /System/Library/PrivateFrameworks/VideoToolbox.framework/Versions/A/VideoToolbox
 0x7fff9095d000 - 0x7fff909f7ff com.apple.SearchKit (1.4.0 - 1.4.0) <4E70C394-773E-3A4B-A93C-59A88ABA9509> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/Versions/A/SearchKit
 0x7fff909f8000 - 0x7fff90a0aff libz.1.dylib (1.2.5 - compatibility 1.0.0) <30CBEF15-4978-3DED-8629-7109880A19D4> /usr/lib/libz.1.dylib
 0x7fff90a0b000 - 0x7fff90ad2ff com.apple.ColorSync (4.7.0 - 4.7.0) <F325A9D7-7203-36B7-8C1C-B6A4D5CC73A8> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ColorSync.framework/Versions/A/ColorSync
 0x7fff90ad3000 - 0x7fff90ad9ff com.apple.DiskArbitration (2.4.1 - 2.4.1) <CEA34337-63DE-302E-81AA-10D717E1F699> /System/Library/Frameworks/DiskArbitration.framework/Versions/A/DiskArbitration
 0x7fff90ada000 - 0x7fff90adfff libpam.2.dylib (3.0.0 - compatibility 3.0.0) <D952F17B-200A-3A23-B9B2-7C1F7AC19189> /usr/lib/libpam.2.dylib
 0x7fff90ae0000 - 0x7fff90ae0fff com.apple.Accelerate (1.7 - Accelerate 1.7) <82DDF6F5-FBC3-323D-B71D-CF7ABC5CF568> /System/Library/Frameworks/Accelerate.framework/Versions/A/Accelerate
 0x7fff90ae1000 - 0x7fff90b73ff com.apple.PDFKit (2.6.1 - 2.6.1) <33A0A777-8CF4-3F36-BB1A-78F8A3D7E8C2> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/PDFKit.framework/Versions/A/PDFKit
 0x7fff90b74000 - 0x7fff90b74ff com.apple.vecLib (3.7 - vecLib 3.7) <9A58105C-B36E-35B5-812C-4ED693F2618F> /System/Library/Frameworks/vecLib.framework/Versions/A/vecLib
 0x7fff90bf7000 - 0x7fff90c05ff libdispatch.dylib (187.7.0 - compatibility 1.0.0) <712AAEAC-AD90-37F7-B71F-293FF8AE8723> /usr/lib/system/libdispatch.dylib
 0x7fff90db3000 - 0x7fff90dd0ff libxpc.dylib (77.17.0 - compatibility 1.0.0) <72A16104-2F23-3C22-B474-1953F06F9376> /usr/lib/system/libxpc.dylib
 0x7fff90dd1000 - 0x7fff90ed4ff libsqlite3.dylib (9.6.0 - compatibility 9.0.0) <7F60B0FF-4946-3639-89AB-B540D318B249> /usr/lib/libsqlite3.dylib
 0x7fff90f01000 - 0x7fff90f85ff com.apple.ApplicationServices.ATS (317.5.0 - ???)

<FE629F2D-6BC0-3A58-9844-D8B9A6808A00> /System/Library/Frameworks/
 ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/ATS
 0x7fff90f96000 - 0x7fff90fbafff com.apple.Kerberos (1.0 - 1) <1F826BCE-DA8F-381D-9C4C-A36AA0EA1CB9> /System/Library/Frameworks/Kerberos.framework/Versions/A/Kerberos
 0x7fff90fbb000 - 0x7fff90fbbfff libkeymgr.dylib (23.0.0 - compatibility 1.0.0) <61EFED6A-A407-301E-B454-CD18314F0075> /usr/lib/system/libkeymgr.dylib
 0x7fff90fbc000 - 0x7fff90fbefff libquarantine.dylib (36.0.0 - compatibility 1.0.0) <4C3BFBC7-E592-3939-B376-1C2E2D7C5389> /usr/lib/system/libquarantine.dylib
 0x7fff90fbf000 - 0x7fff912d8ff7 com.apple.Foundation (6.7.1 - 833.20) <D922F590-FDA6-3D89-A271-FD35E2290624> /System/Library/Frameworks/Foundation.framework/Versions/
 C/Foundation
 0x7fff912d9000 - 0x7fff91314ff7 libsystem_info.dylib (??? - ???)
 <9C8C2DCB-96DB-3471-9DCE-ADCC26BE2DD4> /usr/lib/system/libsystem_info.dylib
 0x7fff91315000 - 0x7fff9147bfff com.apple.CFNetwork (520.2.5 - 520.2.5)
 <406712D9-3F0C-3763-B4EB-868D01F1F042> /System/Library/Frameworks/
 CoreServices.framework/Versions/A/Frameworks/CFNetwork.framework/Versions/A/CFNetwork
 0x7fff9147c000 - 0x7fff91483fff com.apple.NetFS (4.0 - 4.0) <B9F41443-679A-31AD-B0EB-36557DAF782B> /System/Library/Frameworks/NetFS.framework/Versions/A/NetFS
 0x7fff91484000 - 0x7fff914a1ff7 com.apple.openscripting (1.3.3 - ???) <A64205E6-D3C5-3E12-B1A0-72243151AF7D> /System/Library/Frameworks/Carbon.framework/Versions/A/
 Frameworks/OpenScripting.framework/Versions/A/OpenScripting
 0x7fff914c3000 - 0x7fff914ebff7 com.apple.CoreVideo (1.7 - 70.1) <98F917B2-FB53-3EA3-B548-7E97B38309A7> /System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo
 0x7fff914ec000 - 0x7fff914f2fff IOSurface (??? - ???) <2114359C-D839-3855-8735-BBAA2704DB93> /System/Library/Frameworks/IOSurface.framework/Versions/A/IOSurface
 0x7fff914f3000 - 0x7fff914f4fff liblangid.dylib (??? - ???) <CACBE3C3-2F7B-3EED-B50E-EDB73F473B77> /usr/lib/liblangid.dylib
 0x7fff914f5000 - 0x7fff91520ff7 libxslt.1.dylib (3.24.0 - compatibility 3.0.0)
 <8051A3FC-7385-3EA9-9634-78FC616C3E94> /usr/lib/libxslt.1.dylib
 0x7fff9152f000 - 0x7fff91531fff com.apple.TrustEvaluationAgent (2.0 - 1) <1F31CAFF-C1C6-33D3-94E9-11B721761DDF> /System/Library/PrivateFrameworks/
 TrustEvaluationAgent.framework/Versions/A/TrustEvaluationAgent
 0x7fff91532000 - 0x7fff91539fff libcopyfile.dylib (85.1.0 - compatibility 1.0.0) <172B1985-F24A-34E9-8D8B-A2403C9A0399> /usr/lib/system/libcopyfile.dylib
 0x7fff9153a000 - 0x7fff9153bfff com.apple.MonitorPanelFramework (1.4.0 - 1.4.0)
 <0F55CD76-DB24-309B-BD12-62B00C1AAB9F> /System/Library/PrivateFrameworks/
 MonitorPanel.framework/Versions/A/MonitorPanel
 0x7fff9161b000 - 0x7fff91718fff com.apple.avfoundation (2.0 - 180.30) <061DDF4C-E7BB-33D0-BEB9-0443ADF6EC8C> /System/Library/Frameworks/AVFoundation.framework/
 Versions/A/AVFoundation
 0x7fff91719000 - 0x7fff917ccfff com.apple.CoreText (220.11.0 - ???) <4EA8E2DF-542D-38D5-ADB9-C0DAA73F898B> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/
 Frameworks/CoreText.framework/Versions/A/CoreText
 0x7fff9180d000 - 0x7fff91818ff7 com.apple.DisplayServicesFW (2.5.2 - 317) <48964503-D7F0-3567-9594-E6AA9C9300EF> /System/Library/PrivateFrameworks/
 DisplayServices.framework/Versions/A/DisplayServices
 0x7fff91965000 - 0x7fff919d3fff com.apple.CoreSymbolication (2.1 - 66)
 <E1582596-4157-3535-BF1F-3BAE92A0B09F> /System/Library/PrivateFrameworks/
 CoreSymbolication.framework/Versions/A/CoreSymbolication
 0x7fff91a04000 - 0x7fff91a58ff7 com.apple.ScalableUserInterface (1.0 - 1)
 <1873D7BE-2272-31A1-8F85-F70C4D706B3B> /System/Library/Frameworks/
 QuartzCore.framework/Versions/A/Frameworks/ScalableUserInterface.framework/Versions/A/
 ScalableUserInterface
 0x7fff91a59000 - 0x7fff91ab5fff com.apple.QuickLookFramework (3.1 - 500.1) <0C9E98D2-

D8F9-3161-9809-0D77B98AD938> /System/Library/Frameworks/QuickLook.framework/Versions/A/QuickLook
0x7fff91ab6000 - 0x7fff91abafff libmathCommon.A.dylib (2026.0.0 - compatibility 1.0.0)
<FF83AFF7-42B2-306E-90AF-D539C51A4542> /usr/lib/system/libmathCommon.A.dylib
0x7fff91abb000 - 0x7fff91b12fff libTIFF.dylib (??? - ???)
<FF0D9A24-6956-3F03-81EA-3EEAD22C9DB8> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/ImageIO.framework/Versions/A/Resources/
libTIFF.dylib
0x7fff91b13000 - 0x7fff91c1ffff libcrypto.0.9.8.dylib (44.0.0 - compatibility 0.9.8)
<3A8E1F89-5E26-3C8B-B538-81F5D61DBF8A> /usr/lib/libcrypto.0.9.8.dylib
0x7fff91c85000 - 0x7fff91c86fff libsystem_blocks.dylib (53.0.0 - compatibility 1.0.0)
<8BCA214A-8992-34B2-A8B9-B74DEACA1869> /usr/lib/system/libsystem_blocks.dylib
0x7fff91c87000 - 0x7fff91cabfff com.apple.RemoteViewServices (1.2 - 39)
<862849C8-84C1-32A1-B87E-B29E74778C9F> /System/Library/PrivateFrameworks/
RemoteViewServices.framework/Versions/A/RemoteViewServices
0x7fff91d0d000 - 0x7fff91d36fff libJPEG.dylib (??? - ???) <64D079F9-256A-323B-
A837-84628B172F21> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/
Frameworks/ImageIO.framework/Versions/A/Resources/libJPEG.dylib
0x7fff91d37000 - 0x7fff91fa5fff com.apple.QuartzComposer (5.0 - 236) <CBF3070A-
BD09-328D-857F-F35A0E1D22B5> /System/Library/Frameworks/Quartz.framework/Versions/A/
Frameworks/QuartzComposer.framework/Versions/A/QuartzComposer
0x7fff91fae000 - 0x7fff91fc4fff com.apple.ImageCapture (7.0 - 7.0)
<69E6E2E1-777E-332E-8BCF-4F0611517DD0> /System/Library/Frameworks/Carbon.framework/
Versions/A/Frameworks/ImageCapture.framework/Versions/A/ImageCapture
0x7fff91fc5000 - 0x7fff92048fef com.apple.Metadata (10.7.0 - 627.20) <E00156B0-663A-35EF-
A307-A2CEB00F1845> /System/Library/Frameworks/CoreServices.framework/Versions/A/
Frameworks/Metadata.framework/Versions/A/Metadata
0x7fff92049000 - 0x7fff924ddfff com.apple.RawCamera.bundle (3.9.0 - 584)
<CB295E3D-6E52-4E53-D553-A7C5FF960C01> /System/Library/CoreServices/
RawCamera.bundle/Contents/MacOS/RawCamera
0x7fff924de000 - 0x7fff927faff7 com.apple.CoreServices.CarbonCore (960.18 - 960.18)
<6020C3FB-6125-3EAE-A55D-1E77E38BEDEA> /System/Library/Frameworks/
CoreServices.framework/Versions/A/Frameworks/CarbonCore.framework/Versions/A/CarbonCore
0x7fff927fb000 - 0x7fff927fefff libRadiance.dylib (??? - ???) <CD89D70D-
F177-3BAE-8A26-644EA7D5E28E> /System/Library/Frameworks/ApplicationServices.framework/
Versions/A/Frameworks/ImageIO.framework/Versions/A/Resources/libRadiance.dylib
0x7fff927ff000 - 0x7fff92901fff libxml2.2.dylib (10.3.0 - compatibility 10.0.0)
<D46F371D-6422-31B7-BCE0-D80713069E0E> /usr/lib/libxml2.2.dylib
0x7fff92902000 - 0x7fff9296aff7 com.apple.audio.CoreAudio (4.0.1 - 4.0.1)
<7966E3BE-376B-371A-A21D-9BD763C0BAE7> /System/Library/Frameworks/
CoreAudio.framework/Versions/A/CoreAudio
0x7fff9296b000 - 0x7fff9296bfff com.apple.quartzframework (1.5 - 1.5) <21FCC91F-
C7B9-304F-8C9C-04F3924F4AE3> /System/Library/Frameworks/Quartz.framework/Versions/A/
Quartz
0x7fff92973000 - 0x7fff92973fff com.apple.Carbon (153 - 153) <E37A515C-4C10-3102-8146-
C0FBD458F8CF> /System/Library/Frameworks/Carbon.framework/Versions/A/Carbon
0x7fff92a64000 - 0x7fff92a8bfff com.apple.PerformanceAnalysis (1.10 - 10)
<2A058167-292E-3C3A-B1F8-49813336E068> /System/Library/PrivateFrameworks/
PerformanceAnalysis.framework/Versions/A/PerformanceAnalysis
0x7fff92a8c000 - 0x7fff92a9aff7 com.apple.NetAuth (1.0 - 3.0) <F384FFFD-70F6-3B1C-A886-
F5B446E456E7> /System/Library/PrivateFrameworks/NetAuth.framework/Versions/A/NetAuth
0x7fff92a9b000 - 0x7fff92a9dff7 com.apple.print.framework.Print (7.1 - 247.1) <8A4925A5-
BAA3-373C-9B5D-03E0270C6B12> /System/Library/Frameworks/Carbon.framework/Versions/A/
Frameworks/Print.framework/Versions/A/Print

0x7fff92a9e000 - 0x7fff92d76ff7 com.apple.security (7.0 - 55010) <93713FF4-FE86-3B4C-8150-5FCC7F3320C8> /System/Library/Frameworks/Security.framework/Versions/A/Security

0x7fff92dc1000 - 0x7fff92dc2fff libDiagnosticMessagesClient.dylib (??? - ???) <3DCF577B-F126-302B-BCE2-4DB9A95B8598> /usr/lib/libDiagnosticMessagesClient.dylib

0x7fff92dc3000 - 0x7fff92dc8fff com.apple.OpenDirectory (10.7 - 146) <91A87249-6A2F-3F89-A8DE-0E95C0B54A3A> /System/Library/Frameworks/OpenDirectory.framework/Versions/A/OpenDirectory

0x7fff92dc9000 - 0x7fff92dd4ff7 com.apple.speech.recognition.framework (4.0.19 - 4.0.19) <7ADAAAF5B-1D78-32F2-9FFF-D2E3FBB41C2B> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/Versions/A/SpeechRecognition

0x7fff92dd5000 - 0x7fff92dd8fff com.apple.help (1.3.2 - 42) <AB67588E-7227-3993-927F-C9E6DAC507FD> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help

0x7fff92e14000 - 0x7fff92e57ff7 libRIP.A.dylib (600.0.0 - compatibility 64.0.0) <2B1571E1-8E87-364E-BC36-C9C9B5D3EAC4> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/CoreGraphics.framework/Versions/A/Resources/libRIP.A.dylib

0x7fff92e58000 - 0x7fff92ebafff com.apple.coreui (1.2.1 - 164.1) <F7972630-F696-3FC5-9FCF-A6E1C8771078> /System/Library/PrivateFrameworks/CoreUI.framework/Versions/A/CoreUI

0x7fff92ebb000 - 0x7fff93382fff FaceCoreLight (1.4.7 - compatibility 1.0.0) <E9D2A69C-6E81-358C-A162-510969F91490> /System/Library/PrivateFrameworks/FaceCoreLight.framework/Versions/A/FaceCoreLight

0x7fff93383000 - 0x7fff9359def com.apple.CoreData (104 - 358.12) <33B1FA75-7970-3751-9DCC-FF809D3E1FA2> /System/Library/Frameworks/CoreData.framework/Versions/A/CoreData

0x7fff9359e000 - 0x7fff936b6ff7 com.apple.DesktopServices (1.6.1 - 1.6.1) <4418EAA6-7163-3A77-ABD3-F8289796C81A> /System/Library/PrivateFrameworks/DesktopServicesPriv.framework/Versions/A/DesktopServicesPriv

0x7fff9372b000 - 0x7fff9372dfff libCVMSPuginSupport.dylib (??? - ???) <61D89F3C-C64D-3733-819F-8AAAE4E2E993> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCVMSPuginSupport.dylib

0x7fff93790000 - 0x7fff93795ff7 libsystem_network.dylib (??? - ???) <5DE7024E-1D2D-34A2-80F4-08326331A75B> /usr/lib/system/libsystem_network.dylib

0x7fff93796000 - 0x7fff9380bff7 libc++.1.dylib (19.0.0 - compatibility 1.0.0) <C0EFFF1B-0FEB-3F99-BE54-506B35B555A9> /usr/lib/libc++.1.dylib

0x7fff9380c000 - 0x7fff93841fff libTrueTypeScaler.dylib (??? - ???) <B326A78E-C65A-345E-8D64-62B45CC6FA3F> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libTrueTypeScaler.dylib

0x7fff93885000 - 0x7fff938a5fff libsystem_kernel.dylib (1699.22.81 - compatibility 1.0.0) <B9E259FC-73EA-31E3-8E68-7F980DEBA8A6> /usr/lib/system/libsystem_kernel.dylib

0x7fff938ef000 - 0x7fff93906fff com.apple.MultitouchSupport.framework (220.62.1 - 220.62.1) <F21C79C0-4B5A-3645-81A6-74F8EFA900CE> /System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport

0x7fff93907000 - 0x7fff93932fff libpcrcre.0.dylib (1.1.0 - compatibility 1.0.0) <7D3CDB0A-840F-3856-8F84-B4A50E66431B> /usr/lib/libpcrcre.0.dylib

0x7fff93933000 - 0x7fff93bbefff com.apple.JavaScriptCore (7534.52 - 7534.52.7) <4B188A38-3A5B-327D-ABE9-8EE2420B3791> /System/Library/Frameworks/JavaScriptCore.framework/Versions/A/JavaScriptCore

0x7fff93bbf000 - 0x7fff93beffff com.apple.shortcut (2.0 - 2.0) <6E6C9F01-5DAC-35F4-876D-082D915EE782> /System/Library/PrivateFrameworks/Shortcut.framework/Versions/A/Shortcut

0x7fff93c67000 - 0x7fff93c6dfff libmacho.dylib (800.0.0 - compatibility 1.0.0) <D86F63EC-

```

D2BD-32E0-8955-08B5EAFAD2CC> /usr/lib/system/libmacho.dylib
  0x7fff93c6e000 - 0x7fff93d63fff libiconv.2.dylib (7.0.0 - compatibility 7.0.0)
<5C40E880-0706-378F-B864-3C2BD922D926> /usr/lib/libiconv.2.dylib
  0x7fff93d66000 - 0x7fff93ef0ff7 com.apple.QTKit (7.7.1 - 2306)
<A97042BD-4FD8-3556-9279-6B7742C98904> /System/Library/Frameworks/QTKit.framework/
Versions/A/QTKit
  0x7fff93f82000 - 0x7fff93f83fff libunc.dylib (24.0.0 - compatibility 1.0.0)
<C67B3B14-866C-314F-87FF-8025BEC2CAAC> /usr/lib/system/libunc.dylib
  0x7fff93fa4000 - 0x7fff93faaff7 libunwind.dylib (30.0.0 - compatibility 1.0.0) <1E9C6C8C-
CBE8-3F4B-A5B5-E03E3AB53231> /usr/lib/system/libunwind.dylib
  0x7fff93fab000 - 0x7fff93fb9ff7 libkxld.dylib (??? - ???) <9C937433-A362-3E40-BF71-
FDABA986B56C> /usr/lib/system/libkxld.dylib
  0x7fff94737000 - 0x7fff94b64fff libLAPACK.dylib (??? - ???) <4F2E1055-2207-340B-BB45-
E4F16171EE0D> /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/
vecLib.framework/Versions/A/libLAPACK.dylib
  0x7fff94c1c000 - 0x7fff94c6eff7 libGLU.dylib (??? - ???) <3C9153A0-8499-3DC0-
AAA4-9FA6E488BE13> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/
libGLU.dylib
  0x7fff94c6f000 - 0x7fff95403fef com.apple.CoreAUC (6.11.04 - 6.11.04) <FFC336DF-
C71F-3C93-8E93-5CBD9EEAE940> /System/Library/PrivateFrameworks/CoreAUC.framework/
Versions/A/CoreAUC
  0x7fff95404000 - 0x7fff95405ff7 libremovefile.dylib (21.0.0 - compatibility 1.0.0)
<C6C49FB7-1892-32E4-86B5-25AD165131AA> /usr/lib/system/libremovefile.dylib
  0x7fff95406000 - 0x7fff9541dfff com.apple.CFOpenDirectory (10.7 - 144)
<9709423E-8484-3B26-AAE8-EF58D1B8FB3F> /System/Library/Frameworks/
OpenDirectory.framework/Versions/A/Frameworks/CFOpenDirectory.framework/Versions/A/
CFOpenDirectory
  0x7fff9541e000 - 0x7fff95460ff7 libcommonCrypto.dylib (55010.0.0 - compatibility 1.0.0)
<A5B9778E-11C3-3F61-B740-1F2114E967FB> /usr/lib/system/libcommonCrypto.dylib
  0x7fff954b6000 - 0x7fff960b7ff7 com.apple.AppKit (6.7.2 - 1138.23) <5CD2C850-4F52-3BA2-
BA11-3107DFD2D23C> /System/Library/Frameworks/AppKit.framework/Versions/C/AppKit
  0x7fff960b8000 - 0x7fff9611cfff com.apple.Symbolication (1.2 - 83.1)
<0C6F8907-6829-3409-99AC-ACC62923DE98> /System/Library/PrivateFrameworks/
Symbolication.framework/Versions/A/Symbolication
  0x7fff9611d000 - 0x7fff96222ff7 libFontParser.dylib (??? - ???) <B9A53808-
C97E-3293-9C33-1EA9D4E83EC8> /System/Library/Frameworks/ApplicationServices.framework/
Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontParser.dylib

```

External Modification Summary:

Calls made by other processes targeting this process:

```

task_for_pid: 5
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: 17602
thread_create: 1
thread_set_state: 0

```

VM Region Summary:

ReadOnly portion of Libraries: Total=211.6M resident=92.1M(44%)

swapped_out_or_unallocated=119.6M(56%)
 Writable regions: Total=1.4G written=188.6M(14%) resident=291.5M(21%)
 swapped_out=404K(0%) unallocated=1.1G(79%)

REGION TYPE	VIRTUAL	
=====	=====	
CG backing stores	8360K	
CG image	4224K	
CG raster data	2040K	
CG shared images	3480K	
CoreGraphics	16K	
CoreImage	72K	
CoreServices	3192K	
IOKit	67.0M	
JS JIT generated code	128.0M	
JS JIT generated code (reserved)	896.0M	reserved VM address space (unallocated)
JS VM register file	4096K	
JS garbage collector	80K	
MALLOC	246.6M	
MALLOC guard page	32K	
Memory tag=240	4K	
Memory tag=242	12K	
Memory tag=251	52K	
OpenCL	24K	
STACK GUARD	56.0M	
Stack	15.1M	
VM_ALLOCATE	16.2M	
VM_ALLOCATE (reserved)	8K	reserved VM address space (unallocated)
__CI_BITMAP	80K	
__DATA	23.7M	
__IMAGE	1256K	
__LINKEDIT	52.1M	
__RC_CAMERAS	236K	
__TEXT	159.5M	
__UNICODE	544K	
mapped file	39.7M	
shared memory	17.9M	
=====	=====	
TOTAL	1.7G	
TOTAL, minus reserved VM space	849.0M	

Model: MacBookAir3,2, BootROM MBA31.0061.B01, 2 processors, Intel Core 2 Duo, 2.13 GHz, 4 GB, SMC 1.66f55
 Graphics: NVIDIA GeForce 320M, NVIDIA GeForce 320M, PCI, 256 MB
 Memory Module: BANK 0/DIMM0, 2 GB, DDR3, 1067 MHz, 0x80CE, 0x4D34373142353237334348302D5946382020
 Memory Module: BANK 1/DIMM0, 2 GB, DDR3, 1067 MHz, 0x80CE, 0x4D34373142353237334348302D5946382020
 AirPort: spairport_wireless_card_type_airport_extreme (0x14E4, 0xD1), Broadcom BCM43xx 1.0 (5.100.98.75.18)
 Bluetooth: Version 4.0.1f4, 2 service, 18 devices, 1 incoming serial ports
 Network Service: AirPort, AirPort, en0
 Serial ATA Device: APPLE SSD TS256C, 251 GB
 USB Device: Internal Memory Card Reader, apple_vendor_id, 0x8403, 0x26100000 / 2

USB Device: FaceTime Camera (Built-in), apple_vendor_id, 0x850a, 0x24600000 / 2
USB Device: BCM2070 Hub, 0x0a5c (Broadcom Corp.), 0x4500, 0x04500000 / 3
USB Device: Bluetooth USB Host Controller, apple_vendor_id, 0x821b, 0x04530000 / 4
USB Device: Apple Internal Keyboard / Trackpad, apple_vendor_id, 0x023f, 0x04300000 / 2