

Process: pyrogenesis [2225]  
Path: /Applications/0 A.D..app/Contents/MacOS/pyrogenesis  
Identifier: pyrogenesis  
Version: 0.0.23 (0.0.23)  
Code Type: X86-64 (Native)  
Parent Process: pyrogenesis [2218]  
Responsible: pyrogenesis [2225]  
User ID: 502

Date/Time: 2018-09-18 17:15:56.596 +0100  
OS Version: Mac OS X 10.13.6 (17G65)  
Report Version: 12  
Anonymous UUID: 4E43BD5A-7E97-4923-9185-91F7BD4A2C93

Sleep/Wake UUID: 0803FD51-D4C7-4695-9137-83461E6F2E94

Time Awake Since Boot: 16000 seconds  
Time Since Wake: 3300 seconds

System Integrity Protection: enabled

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

Exception Type: EXC\_CRASH (SIGTRAP)  
Exception Codes: 0x0000000000000000, 0x0000000000000000  
Exception Note: EXC\_CORPSE\_NOTIFY

Termination Signal: Trace/BPT trap: 5  
Termination Reason: Namespace SIGNAL, Code 0x5  
Terminating Process: pyrogenesis [2225]

Application Specific Information:

\*\*\* multi-threaded process forked \*\*\*

crashed on child side of fork pre-exec

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

```
0  libsystem_kernel.dylib      0x00007fff56d1148a __kill + 10
1  com.wildfiregames.0ad       0x0000000104ebd9ab TexCodecDds::decode(unsigned char*,
unsigned long, Tex*) const + 427
2  com.wildfiregames.0ad       0x0000000104ebc523 Tex::decode(std::__1::shared_ptr<unsigned
char> const&, unsigned long) + 323
3  com.wildfiregames.0ad       0x0000000104e8b21f OglTex_reload(OglTex*,
std::__1::shared_ptr<IVFS> const&, Path const&, long long) + 111
4  com.wildfiregames.0ad       0x0000000104e8bd74 h_alloc(H_VTbl*,
std::__1::shared_ptr<IVFS> const&, Path const&, unsigned long, ...) + 1268
5  com.wildfiregames.0ad       0x0000000104d45b62
CTextureManagerImpl::LoadTexture(std::__1::shared_ptr<CTexture> const&, Path const&) + 178
6  com.wildfiregames.0ad       0x0000000104d44407
CTextureManagerImpl::TryLoadingCached(std::__1::shared_ptr<CTexture> const&) + 183
7  com.wildfiregames.0ad       0x0000000104d442a9 CTexture::TryLoad() + 105
8  com.wildfiregames.0ad       0x0000000104d4421c CTexture::GetHandle() + 28
9  com.wildfiregames.0ad       0x0000000104d2547d CShaderProgram::BindTexture(CStrIntern,
std::__1::shared_ptr<CTexture>) + 45
10 com.wildfiregames.0ad       0x0000000104e3d3a9
GUIRenderer::Draw(GUIRenderer::DrawCalls&, float) + 281
11 com.wildfiregames.0ad       0x0000000104e177a0 CGUISpriteInstance::Draw(CRect, int,
std::__1::map<CStr8, CGUISprite*, std::__1::less<CStr8>, std::__1::allocator<std::__1::pair<CStr8
const, CGUISprite*>>>&, float) const + 144
12 com.wildfiregames.0ad       0x0000000104e5295c IGUIButtonBehavior::DrawButton(CRect
const&, float const&, CGUISpriteInstance&, CGUISpriteInstance&, CGUISpriteInstance&,
CGUISpriteInstance&, int) + 316
13 com.wildfiregames.0ad       0x0000000104df6ea7 CButton::Draw() + 887
14 com.wildfiregames.0ad       0x0000000104e47caa GUI<int>::RecurseObject(int, IGUIObject*,
void (IGUIObject::*)()) + 74
15 com.wildfiregames.0ad       0x0000000104e47cd1 GUI<int>::RecurseObject(int, IGUIObject*,
void (IGUIObject::*)()) + 113
```

```
16 com.wildfiregames.0ad      0x0000000104e47cd1 GUI<int>::RecurseObject(int, IGUIObject*,
void (IGUIObject::*)( )) + 113
17 com.wildfiregames.0ad      0x0000000104e47cd1 GUI<int>::RecurseObject(int, IGUIObject*,
void (IGUIObject::*)( )) + 113
18 com.wildfiregames.0ad      0x0000000104e0438b CGUI::Draw() + 59
19 com.wildfiregames.0ad      0x0000000104e39049 CGUIManager::Draw() + 169
20 com.wildfiregames.0ad      0x0000000104c1c4ba Render() + 522
21 com.wildfiregames.0ad      0x0000000104a515a5 RunGameOrAtlas(int, char const**) + 8069
22 com.wildfiregames.0ad      0x0000000104a4f556 main + 54
23 libdyld.dylib              0x00007fff56bc1015 start + 1
```

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

```
rax: 0x0000000000000000 rbx: 0x00000000000a1007 rcx: 0x00007ffeb1b0cd8 rdx:
0x0000000000000000
```

```
rdi: 0x000000000000008b1 rsi: 0x0000000000000005 rbp: 0x00007ffeb1b0d40 rsp:
0x00007ffeb1b0cd8
```

```
r8: 0x00007fff8f6b7048 r9: 0x0000000000000040 r10: 0x6627605aa96d005e r11:
0x00000000000000206
```

```
r12: 0xfffffffffe2ada r13: 0x00007ffb692e2000 r14: 0x000000010960ded0 r15:
0x00000000000000240
```

```
rip: 0x00007fff56d1148a rfi: 0x00000000000000206 cr2: 0x000000010dcf8000
```

Logical CPU: 0

Error Code: 0x02000025

Trap Number: 133

Binary Images:

0x104a4e000 - 0x1085d1fef +com.wildfiregames.0ad (0.0.23 - 0.0.23) <9B28AFAA-1B5B-3D71-9E6A-6FD1881EBA77> /Applications/0 A.D..app/Contents/MacOS/pyrogenesis

0x10a9af000 - 0x10ab57ff7 com.apple.audio.units.Components (1.14 - 1.14) <1E04BB32-1550-3851-8CD1-4A588BFE5D46> /System/Library/Components/CoreAudio.component/Contents/MacOS/CoreAudio

0x10c585000 - 0x10c589ffb com.apple.audio.AppleHDAHALPlugIn (281.52 - 281.52)  
<23C7DDE6-A44B-3BE4-B47C-EB3045B267D9>  
/System/Library/Extensions/AppleHDA.kext/Contents/PlugIns/AppleHDAHALPlugIn.bundle/Contents  
/MacOS/AppleHDAHALPlugIn

0x10c8d2000 - 0x10c8dfff7 com.apple.iokit.IOHIDLib (2.0.0 - 2.0.0) <10AB8E8F-FD40-341C-  
83B6-887B7A9993AF>  
/System/Library/Extensions/IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin/Contents/MacOS/I  
OHIDLib

0x10dca3000 - 0x10dcedacf dyld (551.4) <8A72DE9C-A136-3506-AA02-4BA2B82DCAF3>  
/usr/lib/dyld

0x112d4c000 - 0x113293fff com.apple.driver.AppleIntelHD5000GraphicsGLDriver (10.36.19  
- 10.3.6) <DF5C1702-E682-31DE-9840-E0A0ADD676C0>  
/System/Library/Extensions/AppleIntelHD5000GraphicsGLDriver.bundle/Contents/MacOS/AppleInte  
lHD5000GraphicsGLDriver

0x7fff28c13000 - 0x7fff28c98ff7 com.apple.driver.AppleIntelHD5000GraphicsMTLDriver  
(10.36.19 - 10.3.6) <1EB5AE0D-E027-3FDF-8258-2830487FFAEA>  
/System/Library/Extensions/AppleIntelHD5000GraphicsMTLDriver.bundle/Contents/MacOS/AppleIn  
telHD5000GraphicsMTLDriver

0x7fff2b278000 - 0x7fff2b278fff com.apple.Accelerate (1.11 - Accelerate 1.11) <8632A9C5-  
19EA-3FD7-A44D-80765CC9C540>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Accelerate

0x7fff2b279000 - 0x7fff2b28ffef libCGInterfaces.dylib (417.2) <2E67702C-75F6-308A-A023-  
F28120BEE667>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vImage.framework/V  
ersions/A/Libraries/libCGInterfaces.dylib

0x7fff2b290000 - 0x7fff2b78efc3 com.apple.vImage (8.1 - ???) <A243A7EF-0C8E-3A9A-AA38-  
44AFD7507F00>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vImage.framework/V  
ersions/A/vImage

0x7fff2b78f000 - 0x7fff2b8e9fe3 libBLAS.dylib (1211.50.2) <62C659EB-3E32-3B5F-83BF-  
79F5DF30D5CE>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Ve  
rsions/A/libBLAS.dylib

0x7fff2b8ea000 - 0x7fff2b918fef libBNNS.dylib (38.1) <7BAEFDCA-3227-3E07-80D8-  
59B6370B89C6>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Ve  
rsions/A/libBNNS.dylib

0x7fff2b919000 - 0x7fff2bcd8ff7 libLAPACK.dylib (1211.50.2) <40ADBA5F-8B2D-30AC-A7AD-  
7B17C37EE52D>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Ve  
rsions/A/libLAPACK.dylib

0x7fff2bcd9000 - 0x7fff2bceeff7 libLinearAlgebra.dylib (1211.50.2) <E8E0B7FD-A0B7-31E5-AF01-81781F71EBBE>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libLinearAlgebra.dylib

0x7fff2bcef000 - 0x7fff2bcf4ff3 libQuadrature.dylib (3) <3D6BF66A-55B2-3692-BAC7-DEB0C676ED29>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libQuadrature.dylib

0x7fff2bcf5000 - 0x7fff2bd75fff libSparse.dylib (79.50.2) <0DC25CDD-F8C1-3D6E-B472-8B060708424F>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libSparse.dylib

0x7fff2bd76000 - 0x7fff2bd89fff libSparseBLAS.dylib (1211.50.2) <722573CC-31CC-34B2-9032-E4F652A9CCFE>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libSparseBLAS.dylib

0x7fff2bd8a000 - 0x7fff2bf37fc3 libvDSP.dylib (622.50.5) <40690941-CF89-3F90-A0AC-A4D200744A5D>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvDSP.dylib

0x7fff2bf38000 - 0x7fff2bfe9fff libvMisc.dylib (622.50.5) <BA2532DF-2D68-3DD0-9B59-D434BF702AA4>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvMisc.dylib

0x7fff2bfea000 - 0x7fff2bfeafff com.apple.Accelerate.vecLib (3.11 - vecLib 3.11) <54FF3B43-E66C-3F36-B34B-A2B3B0A36502>  
/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/vecLib

0x7fff2c2de000 - 0x7fff2d13cff com.apple.AppKit (6.9 - 1561.60.100) <3C27CF6F-E640-3411-A87D-CCB2222CC754> /System/Library/Frameworks/AppKit.framework/Versions/C/AppKit

0x7fff2d18e000 - 0x7fff2d18eff com.apple.ApplicationServices (48 - 50) <AFFBD94A-AF76-336E-B53E-57524EAE8EF3>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/ApplicationServices

0x7fff2d18f000 - 0x7fff2d1f5ff com.apple.ApplicationServices.ATS (377 - 445.4) <85E779EE-0219-3181-B4C4-201E4CC82AB5>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/ATS

0x7fff2d28e000 - 0x7fff2d3b0ff libFontParser.dylib (222.1.6) <6CEBACDD-B848-302E-B4B2-630CB16E663E>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontParser.dylib

0x7fff2d3b1000 - 0x7fff2d3fbff7 libFontRegistry.dylib (221.4) <5FDB4F1A-E15C-3ACB-A5C1-F15458C0C6DC>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontRegistry.dylib

0x7fff2d4a0000 - 0x7fff2d4d3ff7 libTrueTypeScaler.dylib (222.1.6) <9147F859-8BD9-31D9-AB54-8E9549B92AE9>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libTrueTypeScaler.dylib

0x7fff2d53d000 - 0x7fff2d541ff3 com.apple.ColorSyncLegacy (4.13.0 - 1) <A5FB2694-1559-34A8-A3D3-2029F68A63CA>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ColorSyncLegacy.framework/Versions/A/ColorSyncLegacy

0x7fff2d5e1000 - 0x7fff2d633ffb com.apple.HIServices (1.22 - 624.1) <66FD9ED2-9630-313C-86AE-4C2FBCB3F351>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/HIServices.framework/Versions/A/HIServices

0x7fff2d634000 - 0x7fff2d642fff com.apple.LangAnalysis (1.7.0 - 1.7.0) <B65FF7E6-E9B5-34D8-8CA7-63D415A8A9A6>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/LangAnalysis.framework/Versions/A/LangAnalysis

0x7fff2d643000 - 0x7fff2d68ffff com.apple.print.framework.PrintCore (13.4 - 503.2) <B90C67C1-0292-3CEC-885D-F1882CD104BE>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/PrintCore.framework/Versions/A/PrintCore

0x7fff2d690000 - 0x7fff2d6cafff com.apple.QD (3.12 - 404.2) <38B20AFF-9D54-3B52-A6DC-COD71380AA5F>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/QD.framework/Versions/A/QD

0x7fff2d6cb000 - 0x7fff2d6d7fff com.apple.speech.synthesis.framework (7.8.1 - 7.8.1) <A08DE016-C8F2-3B0E-BD34-15959D13DBF0>  
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/SpeechSynthesis.framework/Versions/A/SpeechSynthesis

0x7fff2d6d8000 - 0x7fff2d966ff7 com.apple.audio.toolbox.AudioToolbox (1.14 - 1.14) <E0B8B5D8-80A0-308B-ABD6-F8612102B5D8>  
/System/Library/Frameworks/AudioToolbox.framework/Versions/A/AudioToolbox

0x7fff2d968000 - 0x7fff2d968fff com.apple.audio.units.AudioUnit (1.14 - 1.14) <ABF8778E-4F9D-305E-A528-DE406A1A2B68>  
/System/Library/Frameworks/AudioUnit.framework/Versions/A/AudioUnit

0x7fff2dc8b000 - 0x7fff2e025ff7 com.apple.CFNetwork (902.1 - 902.1) <76EB8CB6-BF59-3BDA-BF2B-F21B161611B9> /System/Library/Frameworks/CFNetwork.framework/Versions/A/CFNetwork

0x7fff2e03a000 - 0x7fff2e03afff com.apple.Carbon (158 - 158) <F8B370D9-2103-3276-821D-ACC756167F86> /System/Library/Frameworks/Carbon.framework/Versions/A/Carbon

0x7fff2e03b000 - 0x7fff2e03effb com.apple.CommonPanels (1.2.6 - 98) <2391761C-5CAA-3F68-86B7-50B37927B104>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/CommonPanels.framework/Versions/A/CommonPanels

0x7fff2e03f000 - 0x7fff2e344fff com.apple.HIToolbox (2.1.1 - 911.10) <BF7F9C0E-C732-3FB2-9BBC-362888BDA57B>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox

0x7fff2e345000 - 0x7fff2e348ffb com.apple.help (1.3.8 - 66) <DEBADFA8-C189-3195-B0D6-A1F2DE95882A>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help

0x7fff2e349000 - 0x7fff2e34efff com.apple.ImageCapture (9.0 - 9.0) <23B4916F-3B43-3DFF-B956-FC390EECA284>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/A/ImageCapture

0x7fff2e34f000 - 0x7fff2e3e4ffb com.apple.ink.framework (10.9 - 221) <5206C8B0-22DA-36C9-998E-846EDB626D5B>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Ink.framework/Versions/A/Ink

0x7fff2e3e5000 - 0x7fff2e3ffff7 com.apple.openscripting (1.7 - 174) <1B2A1F9E-5534-3D61-83CA-9199B39E8708>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/OpenScripting.framework/Versions/A/OpenScripting

0x7fff2e420000 - 0x7fff2e421fff com.apple.print.framework.Print (12 - 267) <3682ABFB-2561-3419-847D-02C247F4800D>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Print.framework/Versions/A/Print

0x7fff2e422000 - 0x7fff2e424ff7 com.apple.securityhi (9.0 - 55006) <C1406B8D-7D05-3959-808F-9C82189CF57F>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SecurityHI.framework/Versions/A/SecurityHI

0x7fff2e425000 - 0x7fff2e42bfff com.apple.speech.recognition.framework (6.0.3 - 6.0.3) <2ED8643D-B0C3-3F17-82A2-BBF13E6CBABC>  
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/Versions/A/SpeechRecognition

0x7fff2e54c000 - 0x7fff2e54cfff com.apple.Cocoa (6.11 - 22) <78E6C28E-4308-3D10-AD14-0CBFC6789B3F> /System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa

0x7fff2e55a000 - 0x7fff2e613fff com.apple.ColorSync (4.13.0 - 3325) <D283C285-447D-3258-A7E4-59532123B8FF> /System/Library/Frameworks/ColorSync.framework/Versions/A/ColorSync

0x7fff2e7a0000 - 0x7fff2e833ff7 com.apple.audio.CoreAudio (4.3.0 - 4.3.0) <EB35D3EC-56EA-33E6-98DC-BDC3A5FA8ACE>  
/System/Library/Frameworks/CoreAudio.framework/Versions/A/CoreAudio

0x7fff2e89a000 - 0x7fff2e8c3ffb com.apple.CoreBluetooth (1.0 - 1) <E1335074-9D07-370E-8440-61C4874BAC56>  
/System/Library/Frameworks/CoreBluetooth.framework/Versions/A/CoreBluetooth

0x7fff2e8c4000 - 0x7fff2ec1afef com.apple.CoreData (120 - 851) <A2B59780-FB16-36A3-8EE0-E0EF072454E0> /System/Library/Frameworks/CoreData.framework/Versions/A/CoreData

0x7fff2ec1b000 - 0x7fff2ecfefff com.apple.CoreDisplay (99.14 - 99.14) <A1B91ADD-828D-33A0-8A92-CC3F83DF89D0>  
/System/Library/Frameworks/CoreDisplay.framework/Versions/A/CoreDisplay

0x7fff2ecff000 - 0x7fff2f1a0fef com.apple.CoreFoundation (6.9 - 1454.90) <E5D594BF-9142-3325-A62D-CF4AAF472642>  
/System/Library/Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation

0x7fff2f1a2000 - 0x7fff2f7b2fef com.apple.CoreGraphics (2.0 - 1161.21) <375C477F-5A89-3C49-9B63-373C81A63F7E>  
/System/Library/Frameworks/CoreGraphics.framework/Versions/A/CoreGraphics

0x7fff2f7b4000 - 0x7fff2faa3fff com.apple.CoreImage (13.0.0 - 579.5) <AAE2DFD0-9B0A-3D56-8A3E-C460BAF70394> /System/Library/Frameworks/CoreImage.framework/Versions/A/CoreImage

0x7fff2fe78000 - 0x7fff2fe78fff com.apple.CoreServices (822.36 - 822.36) <C8368F17-1589-3BA5-A0E7-89CB8DF2454F>  
/System/Library/Frameworks/CoreServices.framework/Versions/A/CoreServices

0x7fff2fe79000 - 0x7fff2feedffb com.apple.AE (735.1 - 735.1) <08EBA184-20F7-3725-AEA6-C314448161C6>  
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/AE.framework/Versions/A/AE

0x7fff2feee000 - 0x7fff301c5fff com.apple.CoreServices.CarbonCore (1178.4 - 1178.4) <0D5E19BF-18CB-3FA4-8A5F-F6C787C5EE08>  
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/CarbonCore.framework/Versions/A/CarbonCore

0x7fff301c6000 - 0x7fff301fafff com.apple.DictionaryServices (1.2 - 284.2) <6505B075-41C3-3C62-A4C3-85CE3F6825CD>  
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/DictionaryServices.framework/Versions/A/DictionaryServices

0x7fff301fb000 - 0x7fff30203ffb com.apple.CoreServices.FSEvents (1239.50.1 - 1239.50.1) <3637CEC7-DF0E-320E-9634-44A442925C65>  
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/FSEvents.framework/Versions/A/FSEvents

0x7fff30204000 - 0x7fff303c1fff com.apple.LaunchServices (822.36 - 822.36) <6E68C090-B12D-3D3D-9617-E5D82C36B2D0>

/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/LaunchServices.framework/Versions/A/LaunchServices

0x7fff303c2000 - 0x7fff30472ff7 com.apple.Metadata (10.7.0 - 1191.4.13) <B5C22E70-C265-3C9F-865F-B138994A418D>

/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/Metadata.framework/Versions/A/Metadata

0x7fff30473000 - 0x7fff304d3fff com.apple.CoreServices.OSServices (822.36 - 822.36) <3BB2E0CE-81AE-3D3D-9FCE-E1B7FC6D6A61>

/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/OSServices.framework/Versions/A/OSServices

0x7fff304d4000 - 0x7fff30542fff com.apple.SearchKit (1.4.0 - 1.4.0) <3662545A-B1CF-3079-BDCD-C83855CEEEEE>

/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/Versions/A/SearchKit

0x7fff30543000 - 0x7fff30567ffb com.apple.coreservices.SharedFileList (71.21 - 71.21) <35582D88-5975-35E2-A29A-E3148C3EE727>

/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SharedFileList.framework/Versions/A/SharedFileList

0x7fff30808000 - 0x7fff30958fff com.apple.CoreText (352.0 - 578.22) <6129F39D-284D-3BBF-8999-7854AB61C01C> /System/Library/Frameworks/CoreText.framework/Versions/A/CoreText

0x7fff30959000 - 0x7fff30993fff com.apple.CoreVideo (1.8 - 0.0) <86CCC036-51BB-3DD1-9601-D93798BCCD0F> /System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo

0x7fff30994000 - 0x7fff30a1fff3 com.apple.framework.CoreWLAN (13.0 - 1350.1) <E862CC02-69D2-3503-887B-B6E8223081E7>

/System/Library/Frameworks/CoreWLAN.framework/Versions/A/CoreWLAN

0x7fff30c9a000 - 0x7fff30c9ffff com.apple.DiskArbitration (2.7 - 2.7) <A975AD56-4CD3-3A89-8732-858CA9BD3DAA>

/System/Library/Frameworks/DiskArbitration.framework/Versions/A/DiskArbitration

0x7fff30e5d000 - 0x7fff30e5fff7 com.apple.ForceFeedback (1.0.6 - 1.0.6) <87FB3F31-DF4C-3172-BF86-45EFC331BDD8>

/System/Library/Frameworks/ForceFeedback.framework/Versions/A/ForceFeedback

0x7fff30e60000 - 0x7fff31226fff com.apple.Foundation (6.9 - 1454.90) <8EA924F3-ADAE-3F4B-8482-8B11C027D9A5> /System/Library/Frameworks/Foundation.framework/Versions/C/Foundation

0x7fff31297000 - 0x7fff312c7fff com.apple.GSS (4.0 - 2.0) <D774A165-5581-3479-AB5D-2BBDB5CF8882> /System/Library/Frameworks/GSS.framework/Versions/A/GSS

0x7fff313d9000 - 0x7fff314ddffb com.apple.Bluetooth (6.0.7 - 6.0.7f10) <557F26F9-C7A0-34EA-A905-22E243BF6B48>

/System/Library/Frameworks/IOBluetooth.framework/Versions/A/IOBluetooth

0x7fff3153d000 - 0x7fff315d8fff com.apple.framework.IOKit (2.0.2 - 1445.71.1) <2EA4F383-CAA9-3AF0-99C5-90C22ADAA6B6> /System/Library/Frameworks/IOKit.framework/Versions/A/IOKit

0x7fff315da000 - 0x7fff315e1fff com.apple.IOSurface (211.15 - 211.15) <9FD406F1-6BF2-35B0-8339-DF83A1A661EB> /System/Library/Frameworks/IOSurface.framework/Versions/A/IOSurface

0x7fff31638000 - 0x7fff317b2ff7 com.apple.ImageIO.framework (3.3.0 - 1739.3) <7C579D3F-AE0B-31C9-8F80-67F2290B8DE0>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/ImageIO

0x7fff317b3000 - 0x7fff317b7ffb libGIF.dylib (1739.3) <7AA44C9D-48E8-3090-B044-61FE6F0AEF38>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libGIF.dylib

0x7fff317b8000 - 0x7fff3189ffef libJP2.dylib (1739.3) <AEBF7260-0C10-30C0-8F0F-8B347DEE78B3>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJP2.dylib

0x7fff318a0000 - 0x7fff318c3ff7 libJPEG.dylib (1739.3) <D8C966AD-A00C-3E8B-A7ED-D7CC7ECB3224>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libJPEG.dylib

0x7fff31b9f000 - 0x7fff31bc5feb libPng.dylib (1739.3) <1737F680-99D1-3F03-BFA5-5CDA30EB880A>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib

0x7fff31bc6000 - 0x7fff31bc8ffb libRadiance.dylib (1739.3) <21746434-FCC7-36DE-9331-11277DF66AA8>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libRadiance.dylib

0x7fff31bc9000 - 0x7fff31c17fef libTIFF.dylib (1739.3) <C4CB5C1D-20F2-3BD4-B0E6-629FDB3EF8E8>  
/System/Library/Frameworks/ImageIO.framework/Versions/A/Resources/libTIFF.dylib

0x7fff32ad1000 - 0x7fff32aeaff7 com.apple.Kerberos (3.0 - 1) <F86DCCDF-93C1-38B3-82C2-477C12E8EE6D> /System/Library/Frameworks/Kerberos.framework/Versions/A/Kerberos

0x7fff334cc000 - 0x7fff3354dfff com.apple.Metal (125.30 - 125.30) <975FD6B5-D695-346A-869F-0584A968D100> /System/Library/Frameworks/Metal.framework/Versions/A/Metal

0x7fff3356a000 - 0x7fff33585fff com.apple.MetalPerformanceShaders.MPSCore (1.0 - 1) <AD754E8F-CA00-3878-9AF3-208C224A230B>  
/System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSCore.framework/Versions/A/MPSCore

0x7fff33586000 - 0x7fff335f5fef com.apple.MetalPerformanceShaders.MPSImage (1.0 - 1) <338B7779-E608-3D68-8A07-2ACC11299744>  
/System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSImage.framework/Versions/A/MPSImage

0x7fff335f6000 - 0x7fff3361afff com.apple.MetalPerformanceShaders.MPSMatrix (1.0 - 1) <9CE072D7-853B-3939-9645-7EB951376B87>  
/System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSMatrix.framework/Versions/A/MPSMatrix

0x7fff3361b000 - 0x7fff33702ff7 com.apple.MetalPerformanceShaders.MPSNeuralNetwork (1.0 - 1) <0DE891AD-27E5-38FF-AEC8-4A95356C4357>

/System/Library/Frameworks/MetalPerformanceShaders.framework/Frameworks/MPSNeuralNetwork.framework/Versions/A/MPSNeuralNetwork

0x7fff33703000 - 0x7fff33703ff7

com.apple.MetalPerformanceShaders.MetalPerformanceShaders (1.0 - 1) <2D2D261C-50B0-32F9-BF9A-5C01382BB528>

/System/Library/Frameworks/MetalPerformanceShaders.framework/Versions/A/MetalPerformanceShaders

0x7fff34702000 - 0x7fff3470effb com.apple.NetFS (6.0 - 4.0) <471DD96F-FA2E-3FE9-9746-2519A6780D1A> /System/Library/Frameworks/NetFS.framework/Versions/A/NetFS

0x7fff34902000 - 0x7fff34927fff com.apple.audio.OpenAL (1.8 - 1.8) <FA7686B8-3C91-3169-95FC-D3A067CB3943> /System/Library/Frameworks/OpenAL.framework/Versions/A/OpenAL

0x7fff374f7000 - 0x7fff374ffffef libclldcpuengine.dylib (2.8.7) <EF9A91AC-029C-300A-99E7-4952C15DA09F>

/System/Library/Frameworks/OpenCL.framework/Versions/A/Libraries/libclldcpuengine.dylib

0x7fff37500000 - 0x7fff3755aff7 com.apple.opengl (2.8.24 - 2.8.24) <4D7401A7-6ADD-3632-85AE-7A5012DFFA04> /System/Library/Frameworks/OpenCL.framework/Versions/A/OpenCL

0x7fff3755b000 - 0x7fff37577ffb com.apple.CFOpenDirectory (10.13 - 207.50.1) <29F55F7B-379F-3053-8FF3-5C6675A3DD4D>

/System/Library/Frameworks/OpenDirectory.framework/Versions/A/Frameworks/CFOpenDirectory.framework/Versions/A/CFOpenDirectory

0x7fff37578000 - 0x7fff37583fff com.apple.OpenDirectory (10.13 - 207.50.1) <F895547D-4915-353F-9C1E-E95172BA803B>

/System/Library/Frameworks/OpenDirectory.framework/Versions/A/OpenDirectory

0x7fff38702000 - 0x7fff38704fff libCVMSPPluginSupport.dylib (16.7.4) <F9270AE0-CC3B-3E3E-BA32-CC1068DD8F27>

/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCVMSPPluginSupport.dylib

0x7fff38705000 - 0x7fff3870affb libCoreFSCache.dylib (162.9) <7AF87F3E-D5D0-3625-BE09-CA4223195466>

/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCoreFSCache.dylib

0x7fff3870b000 - 0x7fff3870ffff libCoreVMClient.dylib (162.9) <115FE643-6141-39B4-8193-77DFCBE7A4E0>

/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libCoreVMClient.dylib

0x7fff38710000 - 0x7fff38719ff3 libGFXShared.dylib (16.7.4) <EB2BF8A0-E10D-35EA-8F46-B2E3C62C12A8>

/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGFXShared.dylib

0x7fff3871a000 - 0x7fff38725fff libGL.dylib (16.7.4) <2BB333D3-5C61-33DF-8545-06DF2D08B83D> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGL.dylib

0x7fff38726000 - 0x7fff38761fe7 libGLImage.dylib (16.7.4) <4DA003CE-0B74-3FE4-808C-B2FBCE517EB4>

/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLImage.dylib

0x7fff38762000 - 0x7fff388cfff3 libGLProgrammability.dylib (16.7.4) <ECC9D79B-C0B1-33F9-A9BB-097EF12D9E13>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLProgrammability.dylib

0x7fff388d0000 - 0x7fff3890effb libGLU.dylib (16.7.4) <BCB09CD8-EBOE-38FA-8B5A-9E29532EE364> /System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLU.dylib

0x7fff39286000 - 0x7fff39295ff3 com.apple.opengl (16.7.4 - 16.7.4) <9BDE8FF9-5418-3C70-8D1C-09656884CE48> /System/Library/Frameworks/OpenGL.framework/Versions/A/OpenGL

0x7fff39296000 - 0x7fff3942dff3 GLEngine (16.7.4) <E2EE1D9C-826E-3DA9-9DCA-2FF371CDE5BB>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Resources/GLEngine.bundle/GLEngine

0x7fff3942e000 - 0x7fff39456ffb GLRendererFloat (16.7.4) <3B51AC1B-0A3C-30E5-80EB-F64EBB1B1F77>  
/System/Library/Frameworks/OpenGL.framework/Versions/A/Resources/GLRendererFloat.bundle/GLRendererFloat

0x7fff3a0e4000 - 0x7fff3a330ff7 com.apple.QuartzCore (1.11 - 584.62) <1950D993-DE48-3C97-95A5-66D98BDFC95D>  
/System/Library/Frameworks/QuartzCore.framework/Versions/A/QuartzCore

0x7fff3ab65000 - 0x7fff3ae90fff com.apple.security (7.0 - 58286.70.7) <9FC166E1-14D0-305C-A086-02B9E83F547E> /System/Library/Frameworks/Security.framework/Versions/A/Security

0x7fff3ae91000 - 0x7fff3af1dff7 com.apple.securityfoundation (6.0 - 55185.50.5) <D708D069-AEDB-36C2-B1DA-479DA91D7711>  
/System/Library/Frameworks/SecurityFoundation.framework/Versions/A/SecurityFoundation

0x7fff3af4f000 - 0x7fff3af53ffb com.apple.xpc.ServiceManagement (1.0 - 1) <71B45D83-ECA4-3265-997E-683A8B8DF413>  
/System/Library/Frameworks/ServiceManagement.framework/Versions/A/ServiceManagement

0x7fff3b2f8000 - 0x7fff3b368ff3 com.apple.SystemConfiguration (1.17 - 1.17) <8532B8E9-7E30-35A3-BC4A-DDE8E0614FDA>  
/System/Library/Frameworks/SystemConfiguration.framework/Versions/A/SystemConfiguration

0x7fff3e265000 - 0x7fff3e2f8fff com.apple.APFS (1.0 - 1) <6BBB3988-1C91-314F-A77A-4E093A1B18F0> /System/Library/PrivateFrameworks/APFS.framework/Versions/A/APFS

0x7fff3ef23000 - 0x7fff3ef4bfff com.apple.framework.Apple80211 (13.0 - 1361.7) <16627876-8CF5-3502-A1D6-35FCBDD5E79A>  
/System/Library/PrivateFrameworks/Apple80211.framework/Versions/A/Apple80211

0x7fff3ef4d000 - 0x7fff3ef5cfef com.apple.AppleFSCompression (96.60.1 - 1.0) <A7C875C4-F5EE-3272-AFB6-57C9FD5352B3>  
/System/Library/PrivateFrameworks/AppleFSCompression.framework/Versions/A/AppleFSCompression

0x7fff3f05b000 - 0x7fff3f066ff7 com.apple.AppleIDAuthSupport (1.0 - 1) <2FAF5567-CDB3-33EF-AB71-05D37F2248B7>

/System/Library/PrivateFrameworks/AppleIDAuthSupport.framework/Versions/A/AppleIDAuthSupport

0x7fff3f0a0000 - 0x7fff3f0e8ff3 com.apple.AppleJPEG (1.0 - 1) <8DD410CB-76A1-3F22-9A9F-0491FA0CEB4A> /System/Library/PrivateFrameworks/AppleJPEG.framework/Versions/A/AppleJPEG

0x7fff3f123000 - 0x7fff3f14bfff com.apple.applesauce (1.0 - ???) <CCA8B094-1BCE-3AE3-A0A7-D544C818DE36>  
/System/Library/PrivateFrameworks/AppleSauce.framework/Versions/A/AppleSauce

0x7fff3f59d000 - 0x7fff3f836ffb com.apple.AuthKit (1.0 - 1) <6CA71A11-91C5-307C-B933-9FCDEDCB580A> /System/Library/PrivateFrameworks/AuthKit.framework/Versions/A/AuthKit

0x7fff3f96d000 - 0x7fff3f974ff7 com.apple.coreservices.BackgroundTaskManagement (1.0 - 57.1) <51A41CA3-DB1D-3380-993E-99C54AEE518E>  
/System/Library/PrivateFrameworks/BackgroundTaskManagement.framework/Versions/A/BackgroundTaskManagement

0x7fff3f975000 - 0x7fff3f9fcff7 com.apple.backup.framework (1.9.5 - 1.9.5) <5E7B0925-8C71-353D-BB0F-9CA144BB264C>  
/System/Library/PrivateFrameworks/Backup.framework/Versions/A/Backup

0x7fff413b6000 - 0x7fff413bfff3 com.apple.CommonAuth (4.0 - 2.0) <4D237B25-27E5-3577-948B-073659F6D3C0>  
/System/Library/PrivateFrameworks/CommonAuth.framework/Versions/A/CommonAuth

0x7fff41ec5000 - 0x7fff41ed5ff7 com.apple.CoreEmoji (1.0 - 69.3) <A4357F5C-0C38-3A61-B456-D7321EB2CEE5> /System/Library/PrivateFrameworks/CoreEmoji.framework/Versions/A/CoreEmoji

0x7fff42669000 - 0x7fff42671ff3 com.apple.CorePhoneNumbers (1.0 - 1) <A5D41251-9F38-3AB9-9DE7-F77023FAAA44>  
/System/Library/PrivateFrameworks/CorePhoneNumbers.framework/Versions/A/CorePhoneNumbers

0x7fff427fc000 - 0x7fff4282dff3 com.apple.CoreServicesInternal (309.1 - 309.1) <4ECD14EA-A493-3B84-A32F-CF928474A405>  
/System/Library/PrivateFrameworks/CoreServicesInternal.framework/Versions/A/CoreServicesInternal

0x7fff42b6a000 - 0x7fff42bfbfff com.apple.CoreSymbolication (9.3 - 64026.2) <D55A6E5B-0267-3F3A-8D90-4B8F39458420>  
/System/Library/PrivateFrameworks/CoreSymbolication.framework/Versions/A/CoreSymbolication

0x7fff42c7e000 - 0x7fff42db3fff com.apple.coreui (2.1 - 494.1) <B2C515C3-FCE8-3B28-A225-05AD917F509B> /System/Library/PrivateFrameworks/CoreUI.framework/Versions/A/CoreUI

0x7fff42db4000 - 0x7fff42ee5fff com.apple.CoreUtils (5.6 - 560.11) <1A02D6F0-8C65-3FAE-AD63-56477EDE4773>  
/System/Library/PrivateFrameworks/CoreUtils.framework/Versions/A/CoreUtils

0x7fff42f3a000 - 0x7fff42f9efff com.apple.framework.CoreWiFi (13.0 - 1350.1) <6EC5DEB3-6E2F-3DC2-BE59-1FD05175FB0C>  
/System/Library/PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi

0x7fff42f9f000 - 0x7fff42fafff7 com.apple.CrashReporterSupport (10.13 - 1) <A909F468-0648-3F51-A77E-3F9ADBC9A941>  
/System/Library/PrivateFrameworks/CrashReporterSupport.framework/Versions/A/CrashReporterSupport

0x7fff4302d000 - 0x7fff4303cff7 com.apple.framework.DFRFoundation (1.0 - 191.7) <5F486F5A-3795-3CD4-86A2-FD008A23F205>  
/System/Library/PrivateFrameworks/DFRFoundation.framework/Versions/A/DFRFoundation

0x7fff4303f000 - 0x7fff43043ffb com.apple.DSEExternalDisplay (3.1 - 380) <901B7F6D-376A-3848-99D0-170C4D00F776>  
/System/Library/PrivateFrameworks/DSEExternalDisplay.framework/Versions/A/DSEExternalDisplay

0x7fff430c5000 - 0x7fff4313bfff com.apple.datadetectorscore (7.0 - 590.3) <7437160E-68A3-3FD7-8868-5E3F92E23C4F>  
/System/Library/PrivateFrameworks/DataDetectorsCore.framework/Versions/A/DataDetectorsCore

0x7fff43189000 - 0x7fff431c9ff7 com.apple.DebugSymbols (181.0 - 181.0) <299A0238-ED78-3676-B131-274D972824AA>  
/System/Library/PrivateFrameworks/DebugSymbols.framework/Versions/A/DebugSymbols

0x7fff431ca000 - 0x7fff432f9fff com.apple.desktopservices (1.12.5 - 1.12.5) <7739C9A5-64D9-31A5-899B-5FFA242AD70D>  
/System/Library/PrivateFrameworks/DesktopServicesPriv.framework/Versions/A/DesktopServicesPriv

0x7fff44113000 - 0x7fff44541fff com.apple.vision.FaceCore (3.3.2 - 3.3.2) <B574FE33-4A41-3611-9738-388EBAF03E37>  
/System/Library/PrivateFrameworks/FaceCore.framework/Versions/A/FaceCore

0x7fff4619d000 - 0x7fff4619dfff libmetal\_timestamp.dylib (802.4.8) <311A8FAA-5FA9-3AAF-887E-DC9884DE8BE5>  
/System/Library/PrivateFrameworks/GPUCompiler.framework/Versions/3802/Libraries/libmetal\_timestamp.dylib

0x7fff477fd000 - 0x7fff47808ff7 libGPUSupportMercury.dylib (16.7.4) <A4D6F79C-1DFA-3E96-8F76-4882FBEDE9CF>  
/System/Library/PrivateFrameworks/GPUSupport.framework/Versions/A/Libraries/libGPUSupportMercury.dylib

0x7fff47809000 - 0x7fff4780efff com.apple.GPUWrangler (3.20.13 - 3.20.13) <9C5BD618-69E3-36D5-9BC9-A4841BC00D2A>  
/System/Library/PrivateFrameworks/GPUWrangler.framework/Versions/A/GPUWrangler

0x7fff48584000 - 0x7fff48593fff com.apple.GraphVisualizer (1.0 - 5) <B993B8A2-5700-3DFC-9EB7-4CCEE8F959F1>  
/System/Library/PrivateFrameworks/GraphVisualizer.framework/Versions/A/GraphVisualizer

0x7fff48616000 - 0x7fff4868afff com.apple.Heimdal (4.0 - 2.0) <93091531-CC91-34FF-8B93-5D3F02C37BC5> /System/Library/PrivateFrameworks/Heimdal.framework/Versions/A/Heimdal

0x7fff48f9a000 - 0x7fff48fa1ff7 com.apple.IOAccelerator (378.26 - 378.26) <2274BE11-18DE-3B13-BCDB-C488C9BB19AD>  
/System/Library/PrivateFrameworks/IOAccelerator.framework/Versions/A/IOAccelerator

0x7fff48fa5000 - 0x7fff48fbcfff com.apple.IOPresentment (1.0 - 35.1) <7C6332FF-6535-3064-B437-1E9F70671927>  
/System/Library/PrivateFrameworks/IOPresentment.framework/Versions/A/IOPresentment

0x7fff49387000 - 0x7fff493adffb com.apple.IconServices (97.6 - 97.6) <A56D826D-20D2-34BE-AACC-A80CFCB4E915>  
/System/Library/PrivateFrameworks/IconServices.framework/Versions/A/IconServices

0x7fff49632000 - 0x7fff49645ff3 com.apple.security.KeychainCircle.KeychainCircle (1.0 - 1) <AED421B0-90A0-3969-98A4-CCBCF2D3360B>  
/System/Library/PrivateFrameworks/KeychainCircle.framework/Versions/A/KeychainCircle

0x7fff49646000 - 0x7fff4973bff7 com.apple.LanguageModeling (1.0 - 159.5.3) <7F0AC200-E3DD-39FB-8A95-00DD70B66A9F>  
/System/Library/PrivateFrameworks/LanguageModeling.framework/Versions/A/LanguageModeling

0x7fff4973c000 - 0x7fff4977efff com.apple.Lexicon-framework (1.0 - 33.5) <DC94CF9E-1EB4-3C0E-B298-CA1190885276>  
/System/Library/PrivateFrameworks/Lexicon.framework/Versions/A/Lexicon

0x7fff49782000 - 0x7fff49789ff7 com.apple.LinguisticData (1.0 - 238.3) <49A54649-1021-3DBD-99B8-1B2EDFFA5378>  
/System/Library/PrivateFrameworks/LinguisticData.framework/Versions/A/LinguisticData

0x7fff4a49b000 - 0x7fff4a504ff7 com.apple.gpusw.MetalTools (1.0 - 1) <458F319A-2707-3C83-8351-BD9F02EC05BD>  
/System/Library/PrivateFrameworks/MetalTools.framework/Versions/A/MetalTools

0x7fff4a684000 - 0x7fff4a69dfff com.apple.MobileKeyBag (2.0 - 1.0) <32E63C7B-E133-33DE-A593-C3C10D64FCAA>  
/System/Library/PrivateFrameworks/MobileKeyBag.framework/Versions/A/MobileKeyBag

0x7fff4a729000 - 0x7fff4a753ffb com.apple.MultitouchSupport.framework (1404.4 - 1404.4) <45374A2A-C0BC-3A70-8183-37295205CDFA>  
/System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport

0x7fff4a9ba000 - 0x7fff4a9c5fff com.apple.NetAuth (6.2 - 6.2) <B3795F63-C14A-33E1-9EE6-02A2E7661321> /System/Library/PrivateFrameworks/NetAuth.framework/Versions/A/NetAuth

0x7fff4c25b000 - 0x7fff4c26bffb com.apple.PerformanceAnalysis (1.194 - 194) <2844933E-B71C-3BE9-9A84-27B29E111F13>  
/System/Library/PrivateFrameworks/PerformanceAnalysis.framework/Versions/A/PerformanceAnalysis

0x7fff4e02a000 - 0x7fff4e048fff com.apple.ProtocolBuffer (1 - 260) <40704740-4A53-3010-A49B-08D1D69D1D5E>  
/System/Library/PrivateFrameworks/ProtocolBuffer.framework/Versions/A/ProtocolBuffer

0x7fff4e21f000 - 0x7fff4e242ffb com.apple.RemoteViewServices (2.0 - 125) <592323D1-CB44-35F1-9921-4C2AB8D920A0>

/System/Library/PrivateFrameworks/RemoteViewServices.framework/Versions/A/RemoteViewServices

0x7fff4fb61000 - 0x7fff4fc76ff7 com.apple.Sharing (1050.22.2 - 1050.22.2) <4E3CCDF2-EA26-334F-8EBA-79BD28486C9D>

/System/Library/PrivateFrameworks/Sharing.framework/Versions/A/Sharing

0x7fff4fca1000 - 0x7fff4fca2ff7 com.apple.performance.SignpostNotification (1.2.6 - 2.6) <8F04800F-3570-3392-A24D-B229FF03F7F9>

/System/Library/PrivateFrameworks/SignpostNotification.framework/Versions/A/SignpostNotification

0x7fff509ea000 - 0x7fff50c86ff7 com.apple.SkyLight (1.600.0 - 312.103) <27F91170-846C-3E9E-9B8A-788F27C7DAF5>

/System/Library/PrivateFrameworks/SkyLight.framework/Versions/A/SkyLight

0x7fff5144f000 - 0x7fff5145cfff com.apple.SpeechRecognitionCore (4.6.1 - 4.6.1) <87EE7AB5-6925-3D21-BE00-F155CB457699>

/System/Library/PrivateFrameworks/SpeechRecognitionCore.framework/Versions/A/SpeechRecognitionCore

0x7fff52002000 - 0x7fff5208bfc7 com.apple.Symbolication (9.3 - 64033) <C2C55C9A-C264-3044-A953-16457148190A>

/System/Library/PrivateFrameworks/Symbolication.framework/Versions/A/Symbolication

0x7fff525fc000 - 0x7fff52604ff7 com.apple.TCC (1.0 - 1) <E1EB7272-FE6F-39AB-83CA-B2B5F2A88D9B>

/System/Library/PrivateFrameworks/TCC.framework/Versions/A/TCC

0x7fff52811000 - 0x7fff528ceff7 com.apple.TextureIO (3.7 - 3.7) <F8BAC954-405D-3CC3-AB7B-048C866EF980>

/System/Library/PrivateFrameworks/TextureIO.framework/Versions/A/TextureIO

0x7fff52978000 - 0x7fff52979fff com.apple.TrustEvaluationAgent (2.0 - 31) <39F533B2-211E-3635-AF47-23F27749FF4A>

/System/Library/PrivateFrameworks/TrustEvaluationAgent.framework/Versions/A/TrustEvaluationAgent

0x7fff5297f000 - 0x7fff52b2efff com.apple.UIFoundation (1.0 - 547.5) <86A2FBA7-2709-3894-A3D5-A00C19BAC48D>

/System/Library/PrivateFrameworks/UIFoundation.framework/Versions/A/UIFoundation

0x7fff53803000 - 0x7fff538d2ff7 com.apple.ViewBridge (343.2 - 343.2) <5519FCED-1F88-3BE6-9BE1-69992086B01B>

/System/Library/PrivateFrameworks/ViewBridge.framework/Versions/A/ViewBridge

0x7fff54237000 - 0x7fff54239ffb com.apple.loginsupport (1.0 - 1) <D1232C1B-80EA-3DF8-9466-013695D0846E>

/System/Library/PrivateFrameworks/login.framework/Versions/A/Frameworks/loginsupport.framework/Versions/A/loginsupport

0x7fff5423a000 - 0x7fff5424ffff com.apple.login (3.0 - 3.0) <79189BF9-70D4-3839-9E2F-B3990B673A3E>

/System/Library/PrivateFrameworks/login.framework/Versions/A/login

0x7fff543a0000 - 0x7fff543d3ff7 libclosures.dylib (551.4) <3FB6B209-51F4-38DA-B1D8-2EE29D5BDD83>

/usr/lib/closure/libclosures.dylib

0x7fff5448d000 - 0x7fff544c6ff7 libCRFSuite.dylib (41) <FE5EDB68-2593-3C2E-BBAF-1C52D206F296> /usr/lib/libCRFSuite.dylib

0x7fff544c7000 - 0x7fff544d2fff libChineseTokenizer.dylib (28) <53633C9B-A3A8-36F7-A53C-432D802F4BB8> /usr/lib/libChineseTokenizer.dylib

0x7fff54564000 - 0x7fff54565ff3 libDiagnosticMessagesClient.dylib (104) <9712E980-76EE-3A89-AEA6-DF4BAF5C0574> /usr/lib/libDiagnosticMessagesClient.dylib

0x7fff5459c000 - 0x7fff54766ff3 libFosl\_dynamic.dylib (17.8) <C58ED77A-4986-31C2-994C-34DDFB8106F0> /usr/lib/libFosl\_dynamic.dylib

0x7fff5479e000 - 0x7fff5479efff libOpenScriptingUtil.dylib (174) <610F0242-7CE5-3C86-951B-B646562694AF> /usr/lib/libOpenScriptingUtil.dylib

0x7fff548d5000 - 0x7fff548d9ffb libScreenReader.dylib (562.18.4) <E239923D-54C9-3BBF-852F-87C09DEF4091> /usr/lib/libScreenReader.dylib

0x7fff548da000 - 0x7fff548dbffb libSystem.B.dylib (1252.50.4) <CD555F3B-FDDB-35E5-A2FB-FBBF3D62031A> /usr/lib/libSystem.B.dylib

0x7fff5496e000 - 0x7fff5496efff libapple\_crypto.dylib (109.50.14) <48BA2E76-BF2F-3522-A54E-D7FB7EAF7A57> /usr/lib/libapple\_crypto.dylib

0x7fff5496f000 - 0x7fff54985ff7 libapple\_nghttp2.dylib (1.24) <01402BC4-4822-3676-9C80-50D83F816424> /usr/lib/libapple\_nghttp2.dylib

0x7fff54986000 - 0x7fff549b0ff3 libarchive.2.dylib (54) <8FC28DD8-E315-3C3E-95FE-D1D2CBE49888> /usr/lib/libarchive.2.dylib

0x7fff549b1000 - 0x7fff54a32fdf libate.dylib (1.13.1) <178ACDAD-DE7E-346C-A613-1CBF7929AC07> /usr/lib/libate.dylib

0x7fff54a36000 - 0x7fff54a36ff3 libauto.dylib (187) <A05C7900-F8C7-3E75-8D3F-909B40C19717> /usr/lib/libauto.dylib

0x7fff54a37000 - 0x7fff54aefff3 libboringsssl.dylib (109.50.14) <E6813F87-B5E4-3F7F-A725-E6A7F2BD02EC> /usr/lib/libboringsssl.dylib

0x7fff54af0000 - 0x7fff54b00ff3 libbsm.0.dylib (39) <6BC96A72-AFBE-34FD-91B1-748A530D8AE6> /usr/lib/libbsm.0.dylib

0x7fff54b01000 - 0x7fff54b0effb libbz2.1.0.dylib (38) <0A5086BB-4724-3C14-979D-5AD4F26B5B45> /usr/lib/libbz2.1.0.dylib

0x7fff54b0f000 - 0x7fff54b65fff libc++.1.dylib (400.9) <7D3DACCC-3804-393C-ABC1-1A580FD00CB6> /usr/lib/libc++.1.dylib

0x7fff54b66000 - 0x7fff54b8aff7 libc++abi.dylib (400.8.2) <EF5E37D7-11D9-3530-BE45-B986612D13E2> /usr/lib/libc++abi.dylib

0x7fff54b8c000 - 0x7fff54b9cfff libcmph.dylib (6) <A5509EE8-7E00-3224-8814-015B077A3CF5> /usr/lib/libcmph.dylib

0x7fff54b9d000 - 0x7fff54bb4fcf libcompression.dylib (47.60.2) <543F07BF-2F2F-37D5-9866-E84BF659885B> /usr/lib/libcompression.dylib

0x7fff54e5f000 - 0x7fff54e77ff7 libcoretls.dylib (155.50.1) <D350052E-DC4D-3185-ADBA-BA48EDCEE955> /usr/lib/libcoretls.dylib

0x7fff54e78000 - 0x7fff54e79ff3 libcoretls\_cfhelpers.dylib (155.50.1) <B297F5D8-F2FE-3566-A752-E9D998B9C039> /usr/lib/libcoretls\_cfhelpers.dylib

0x7fff55012000 - 0x7fff551a3fff libcrypto.35.dylib (22.50.2) <97828BFD-4675-35DF-BE2E-C6D1555BB71D> /usr/lib/libcrypto.35.dylib

0x7fff5534a000 - 0x7fff553a0ff3 libcups.2.dylib (462.2.4) <908099FB-C70E-38FA-9573-88CB98FDDE29> /usr/lib/libcups.2.dylib

0x7fff554e0000 - 0x7fff554e0fff libenergytrace.dylib (16) <A92AB8B8-B986-3CE6-980D-D55090FEF387> /usr/lib/libenergytrace.dylib

0x7fff55517000 - 0x7fff5551cff3 libheimdal-asn1.dylib (520.50.6) <E358445A-B84E-31B5-BCCD-7E1397519D96> /usr/lib/libheimdal-asn1.dylib

0x7fff55548000 - 0x7fff55639ff7 libiconv.2.dylib (51.50.1) <2FEC9707-3FAF-3828-A50D-8605086D060F> /usr/lib/libiconv.2.dylib

0x7fff5563a000 - 0x7fff55861ffb libicucore.A.dylib (59180.0.1) <34EBADD6-4092-30EC-90E8-75241E94D76> /usr/lib/libicucore.A.dylib

0x7fff558ae000 - 0x7fff558affff liblangid.dylib (128) <39C39393-0D05-301D-93B2-F224FC4949AA> /usr/lib/liblangid.dylib

0x7fff558b0000 - 0x7fff558c9ffb liblzma.5.dylib (10) <3D419A50-961F-37D2-8A01-3DC7AB7B8D18> /usr/lib/liblzma.5.dylib

0x7fff558ca000 - 0x7fff558e0ff7 libmarisa.dylib (9) <D6D2D55D-1D2E-3442-B152-B18803C0ABB4> /usr/lib/libmarisa.dylib

0x7fff55991000 - 0x7fff55bb9ff7 libmecabra.dylib (779.7.6) <F462F170-E872-3D09-B219-973D5E99C09F> /usr/lib/libmecabra.dylib

0x7fff55d91000 - 0x7fff55f0cfff libnetwork.dylib (1229.70.2) <E185D902-AC7F-3044-87C0-AE2887C59CE7> /usr/lib/libnetwork.dylib

0x7fff55f93000 - 0x7fff563817e7 libobjc.A.dylib (723) <DD9E5EC5-B507-3249-B700-93433E2D5EDF> /usr/lib/libobjc.A.dylib

0x7fff56394000 - 0x7fff56398fff libpam.2.dylib (22) <7B4D2CE2-1438-387A-9802-5CEEFBF26F86> /usr/lib/libpam.2.dylib

0x7fff5639b000 - 0x7fff563cffff libpcap.A.dylib (79.20.1) <FA13918B-A247-3181-B256-9B852C7BA316> /usr/lib/libpcap.A.dylib

0x7fff5644e000 - 0x7fff5646affb libresolv.9.dylib (65) <E8F3415B-4472-3202-8901-41FD87981DB2> /usr/lib/libresolv.9.dylib

0x7fff564b9000 - 0x7fff564baff3 libspindump.dylib (252) <D8E27057-E3CC-3D7F-A010-4A87830F6A83> /usr/lib/libspindump.dylib

0x7fff564bb000 - 0x7fff5664eff7 libsqlite3.dylib (274.8.1) <FCAD6A57-829E-3701-B16E-1833D620E0E8> /usr/lib/libsqlite3.dylib

0x7fff56822000 - 0x7fff56882ff3 libusrtcp.dylib (1229.70.2) <1E065228-D0E3-3808-9405-894056C6BEC0> /usr/lib/libusrtcp.dylib

0x7fff56883000 - 0x7fff56886ffb libutil.dylib (51.20.1) <216D18E5-0BAF-3EAF-A38E-F6AC37CBABD9> /usr/lib/libutil.dylib

0x7fff56887000 - 0x7fff56894fff libxar.1.dylib (400) <0316128D-3B47-3052-995D-97B4FE5491DC> /usr/lib/libxar.1.dylib

0x7fff56898000 - 0x7fff5697ffff libxml2.2.dylib (31.11) <C2B5C43F-9C0B-31E6-8ECO-939591EDAC49> /usr/lib/libxml2.2.dylib

0x7fff56980000 - 0x7fff569a8fff libxslt.1.dylib (15.12) <4A5E011D-8B29-3135-A52B-9A9070ABD752> /usr/lib/libxslt.1.dylib

0x7fff569a9000 - 0x7fff569bbffb libz.1.dylib (70) <48C67CFC-940D-3857-8DAD-857774605352> /usr/lib/libz.1.dylib

0x7fff56a57000 - 0x7fff56a5bff7 libcache.dylib (80) <092479CB-1008-3A83-BECF-E115F24D13C1> /usr/lib/system/libcache.dylib

0x7fff56a5c000 - 0x7fff56a66ff3 libcommonCrypto.dylib (60118.50.1) <029F5985-9B6E-3DCB-9B96-FD007678C6A7> /usr/lib/system/libcommonCrypto.dylib

0x7fff56a67000 - 0x7fff56a6efff libcompiler\_rt.dylib (62) <968B8E3F-3681-3230-9D78-BB8732024F6E> /usr/lib/system/libcompiler\_rt.dylib

0x7fff56a6f000 - 0x7fff56a78ffb libcopyfile.dylib (146.50.5) <3885083D-50D8-3EEC-B481-B2E605180D7F> /usr/lib/system/libcopyfile.dylib

0x7fff56a79000 - 0x7fff56afefff libcorecrypto.dylib (562.70.1) <5C26364F-2269-31EC-84AF-0FED2C902E38> /usr/lib/system/libcorecrypto.dylib

0x7fff56b86000 - 0x7fff56bbfff7 libdispatch.dylib (913.60.2) <232C69BD-022E-3AB9-8807-79F9FA7CB5EC> /usr/lib/system/libdispatch.dylib

0x7fff56bc0000 - 0x7fff56bddff7 libdyld.dylib (551.4) <81BF3A82-5719-3B54-ABA9-76C82D932CAC> /usr/lib/system/libdyld.dylib

0x7fff56bde000 - 0x7fff56bdeffb libkeymgr.dylib (28) <E34E283E-90FA-3C59-B48E-1277CDB9CDCE> /usr/lib/system/libkeymgr.dylib

0x7fff56bdf000 - 0x7fff56bebf3 libkxld.dylib (4570.71.2) <C3C31E1B-3E74-3828-8429-4D442E26D41C> /usr/lib/system/libkxld.dylib

0x7fff56bec000 - 0x7fff56becff7 liblaunch.dylib (1205.70.9) <B184B521-FF24-3142-AFAF-23D170CF918C> /usr/lib/system/liblaunch.dylib

0x7fff56bed000 - 0x7fff56bf1ffb libmacho.dylib (906) <1902A611-081A-3452-B11E-EBD1B166E831> /usr/lib/system/libmacho.dylib

0x7fff56bf2000 - 0x7fff56bf4ff3 libquarantine.dylib (86) <26C0BA22-8F93-3A07-9A4E-C8D53D2CE42E> /usr/lib/system/libquarantine.dylib

0x7fff56bf5000 - 0x7fff56bf6ff3 libremovefile.dylib (45) <711E18B2-5BBE-3211-A916-56740C27D17A> /usr/lib/system/libremovefile.dylib

0x7fff56bf7000 - 0x7fff56c0efff libsystem\_asl.dylib (356.70.1) <39E46A6F-B228-3E78-B83E-1779F9707A39> /usr/lib/system/libsystem\_asl.dylib

0x7fff56c0f000 - 0x7fff56c0ffff libsystem\_blocks.dylib (67) <17303FDF-0D2D-3963-B05E-B4DF63052D47> /usr/lib/system/libsystem\_blocks.dylib

0x7fff56c10000 - 0x7fff56c99ff7 libsystem\_c.dylib (1244.50.9) <1187BFE8-4576-3247-8177-481554E1F9E7> /usr/lib/system/libsystem\_c.dylib

0x7fff56c9a000 - 0x7fff56c9dffb libsystem\_configuration.dylib (963.50.8) <DF6B5287-203E-30CB-9947-78DF446C72B8> /usr/lib/system/libsystem\_configuration.dylib

0x7fff56c9e000 - 0x7fff56ca1ffb libsystem\_coreservices.dylib (51) <486000D3-D8CB-3BE7-8EE5-8BF380DE6DF7> /usr/lib/system/libsystem\_coreservices.dylib

0x7fff56ca2000 - 0x7fff56ca3fff libsystem\_darwin.dylib (1244.50.9) <09C21A4A-9EE0-388B-A9D9-DF8F6758791> /usr/lib/system/libsystem\_darwin.dylib

0x7fff56ca4000 - 0x7fff56caaff7 libsystem\_dnssd.dylib (878.70.2) <3290768B-54DE-3AB6-B155-AC0950AC5564> /usr/lib/system/libsystem\_dnssd.dylib

0x7fff56cab000 - 0x7fff56cf4ff7 libsystem\_info.dylib (517.30.1) <AB634A98-B8AA-3804-8436-38261FC8EC4D> /usr/lib/system/libsystem\_info.dylib

0x7fff56cf5000 - 0x7fff56d1bff7 libsystem\_kernel.dylib (4570.71.2) <F22B8D73-69D8-36D7-BF66-7F9AC70C08C2> /usr/lib/system/libsystem\_kernel.dylib

0x7fff56d1c000 - 0x7fff56d67fcb libsystem\_m.dylib (3147.50.1) <8CFB51C9-B422-3379-8552-064C63943A23> /usr/lib/system/libsystem\_m.dylib

0x7fff56d68000 - 0x7fff56d87fff libsystem\_malloc.dylib (140.50.6) <7FD43735-9DDD-300E-8C4A-F909A74BDF49> /usr/lib/system/libsystem\_malloc.dylib

0x7fff56d88000 - 0x7fff56eb8ff7 libsystem\_network.dylib (1229.70.2) <5E86B2DE-9E15-3354-8714-4094ED5F698D> /usr/lib/system/libsystem\_network.dylib

0x7fff56eb9000 - 0x7fff56ec3ffb libsystem\_networkextension.dylib (767.70.1) <D23EAF1C-E8BD-34D5-969C-6E45A1C3B4E4> /usr/lib/system/libsystem\_networkextension.dylib

0x7fff56ec4000 - 0x7fff56ecdff3 libsystem\_notify.dylib (172) <08012EC0-2CD2-34BE-BF93-E7F56491299A> /usr/lib/system/libsystem\_notify.dylib

0x7fff56ece000 - 0x7fff56ed5ff7 libsystem\_platform.dylib (161.50.1) <6355EE2D-5456-3CA8-A227-B96E8F1E2AF8> /usr/lib/system/libsystem\_platform.dylib

0x7fff56ed6000 - 0x7fff56ee1fff libsystem\_pthread.dylib (301.50.1) <0E51CCBA-91F2-34E1-BF2A-FEEFD3D321E4> /usr/lib/system/libsystem\_pthread.dylib

0x7fff56ee2000 - 0x7fff56ee5fff libsystem\_sandbox.dylib (765.70.1) <553DFCC6-9D31-3B9C-AB7C-30F6F265786D> /usr/lib/system/libsystem\_sandbox.dylib

0x7fff56ee6000 - 0x7fff56ee7ff3 libsystem\_secinit.dylib (30) <DE8D14E8-A276-3FF8-AE13-77F7040F33C1> /usr/lib/system/libsystem\_secinit.dylib

0x7fff56ee8000 - 0x7fff56eefff7 libsystem\_symptoms.dylib (820.60.2) <585BDFA2-D54D-39D0-8046-44E824DABD43> /usr/lib/system/libsystem\_symptoms.dylib

0x7fff56ef0000 - 0x7fff56f03fff libsystem\_trace.dylib (829.70.1) <3A6CB706-8CA6-3616-8AFC-14AAD7FAF187> /usr/lib/system/libsystem\_trace.dylib

0x7fff56f05000 - 0x7fff56f0aff7 libunwind.dylib (35.3) <BEF3FB49-5604-3B5F-82B5-332B80023AC3> /usr/lib/system/libunwind.dylib

0x7fff56f0b000 - 0x7fff56f38ff7 libxpc.dylib (1205.70.9) <0BC7AD67-671D-31D4-8B88-C317B8379598> /usr/lib/system/libxpc.dylib

#### External Modification Summary:

Calls made by other processes targeting this process:

task\_for\_pid: 0

thread\_create: 0

thread\_set\_state: 0

Calls made by this process:

task\_for\_pid: 0

thread\_create: 0

thread\_set\_state: 0

Calls made by all processes on this machine:

task\_for\_pid: 8225

thread\_create: 0

thread\_set\_state: 0

#### VM Region Summary:

ReadOnly portion of Libraries: Total=414.1M resident=0K(0%)  
swapped\_out\_or\_unallocated=414.1M(100%)

Writable regions: Total=506.9M written=0K(0%) resident=0K(0%) swapped\_out=0K(0%)  
unallocated=506.9M(100%)

VIRTUAL REGION		
REGION TYPE	SIZE	COUNT (non-coalesced)
Accelerate framework	128K	2
Activity Tracing	256K	2
CG backing stores	6056K	4

CG image	312K	9		
CoreAnimation	28K	6		
CoreGraphics	8K	2		
CoreImage	24K	3		
CoreUI image data	836K	10		
CoreUI image file	180K	3		
Foundation	28K	3		
Kernel Alloc Once	8K	2		
MALLOC	451.8M	78		
MALLOC guard page	48K	13		
Memory Tag 242	12K	2		
Memory Tag 249	156K	2		
STACK GUARD	56.0M	2		
Stack	19.2M	24		
Stack Guard	88K	23		
VM_ALLOCATE	30.3M	29		
VM_ALLOCATE (reserved)	676K	2	reserved VM address space (unallocated)	
__DATA	23.6M	242		
__FONT_DATA	4K	2		
__GLSLBUILTINS	2588K	2		
__LINKEDIT	204.8M	8		
__TEXT	209.3M	246		
__UNICODE	560K	2		
mapped file	41.8M	14		
shared memory	152K	16		
=====	=====	=====		
TOTAL	1.0G	725		
TOTAL, minus reserved VM space	1.0G	725		