

Process: mscore [19294]  
Path: /Applications/MuseScore 3.app/Contents/MacOS/mscore  
Identifier: org.musescore.MuseScore  
Version: 3.5.2.312126096 (3.5.2.312126096)  
Code Type: X86-64 (Native)  
Parent Process: ??? [1]  
Responsible: mscore [19294]  
User ID: 501

Date/Time: 2020-11-30 20:56:36.147 +0100  
OS Version: macOS 11.0.1 (20B29)  
Report Version: 12  
Anonymous UUID: 5F19598C-E538-BDDE-7599-284962E1AF88

Sleep/Wake UUID: 5D0FA727-C50A-4778-BC96-F5EF9521F14A

Time Awake Since Boot: 180000 seconds  
Time Since Wake: 1000 seconds

System Integrity Protection: enabled

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

Exception Type: EXC\_BAD\_ACCESS (SIGSEGV)  
Exception Codes: KERN\_INVALID\_ADDRESS at 0x0000000000000410  
Exception Note: EXC\_CORPSE\_NOTIFY

Termination Signal: Segmentation fault: 11  
Termination Reason: Namespace SIGNAL, Code 0xb  
Terminating Process: exc handler [19294]

VM Regions Near 0x410:

-->

\_\_TEXT 103594000-1043c7000 [ 14.2M] r-x/rwx  
SM=COW /Applications/MuseScore 3.app/Contents/MacOS/mscore

Thread 0 Crashed:: Dispatch queue: com.apple.main-thread  
0 org.musescore.MuseScore 0x000000010381c4cc  
Ms::MuseScore::midiCtrlReceived(int, int) + 28  
1 org.musescore.MuseScore 0x0000000103a61ff0  
Ms::PortMidiDriver::read() + 144  
2 org.qt-project.QtCore 0x000000010bd6ab0a

QMetaObject::activate(QObject\*, int, int, void\*\*) + 2954  
3 org.qt-project.QtCore 0x000000010bd724e2  
QTimer::timerEvent(QTimerEvent\*) + 98  
4 org.qt-project.QtCore 0x000000010bd62af6  
QObject::event(QEvent\*) + 102  
5 org.qt-project.QtWidgets 0x00000001050f4eb2  
QApplicationPrivate::notify\_helper(QObject\*, QEvent\*) + 306  
6 org.qt-project.QtWidgets 0x00000001050f61cf  
QApplication::notify(QObject\*, QEvent\*) + 383  
7 org.qt-project.QtCore 0x000000010bd39edf  
QCoreApplication::notifyInternal2(QObject\*, QEvent\*) + 159  
8 org.qt-project.QtCore 0x000000010bd8ffba  
QTimerInfoList::activateTimers() + 890  
9 libqcocoa.dylib 0x000000010e0bbf0a 0x10e095000 +  
159498  
10 org.qt-project.QtWidgets 0x00000001052a34c5  
QSplashScreen::showMessage(QString const&, int, QColor const&) + 133  
11 org.musescore.MuseScore 0x0000000103840d5c  
0x103594000 + 2805084  
12 org.musescore.MuseScore 0x000000010383e651  
Ms::MuseScore::init(QStringList&) + 6065  
13 org.musescore.MuseScore 0x000000010383b536  
Ms::runApplication(int&, char\*\*) + 310  
14 org.musescore.MuseScore 0x000000010359fd10 main + 96  
15 libdyld.dylib 0x00007fff2034e631 start + 1

Thread 1:

0 libsystem\_pthread.dylib 0x00007fff2032f458 start\_wqthread + 0

Thread 2:: com.apple.CFSocket.private

0 libsystem\_kernel.dylib 0x00007fff203071fe \_\_select + 10  
1 com.apple.CoreFoundation 0x00007fff204526b3  
\_\_CFSocketManager + 644  
2 libsystem\_pthread.dylib 0x00007fff20333950 \_pthread\_start +  
224  
3 libsystem\_pthread.dylib 0x00007fff2032f47b thread\_start + 15

Thread 3:: AMCP Logging Spool

0 libsystem\_kernel.dylib 0x00007fff202feebe  
semaphore\_wait\_trap + 10  
1 com.apple.audio.caulk 0x00007fff2841592a  
caulk::mach::semaphore::wait\_or\_error() + 16  
2 com.apple.audio.caulk 0x00007fff284026e6  
caulk::semaphore::timed\_wait(double) + 110

```
3 com.apple.audio.caulk      0x00007fff28402634
caulk::concurrent::details::worker_thread::run() + 30
4 com.apple.audio.caulk      0x00007fff284023c0 void*
caulk::thread_proxy<std::__1::tuple<caulk::thread::attributes, void
(caulk::concurrent::details::worker_thread::*)>(),
std::__1::tuple<caulk::concurrent::details::worker_thread*> >>(void*) + 45
5 libsystem_pthread.dylib     0x00007fff20333950 _pthread_start +
224
6 libsystem_pthread.dylib     0x00007fff2032f47b thread_start + 15
```

Thread 4:

```
0 libsystem_kernel.dylib     0x00007fff202fee7e mach_msg_trap +
10
1 libsystem_kernel.dylib     0x00007fff202ff1f0 mach_msg + 60
2 com.apple.audio.midi.CoreMIDI 0x00007fff34e334ca
XServerMachPort::ReceiveMessage(int&, void*, int&) + 94
3 com.apple.audio.midi.CoreMIDI 0x00007fff34e6426f
MIDIProcess::MIDIInPortThread::Run() + 137
4 com.apple.audio.midi.CoreMIDI 0x00007fff34e4a072
XThread::RunHelper(void*) + 10
5 com.apple.audio.midi.CoreMIDI 0x00007fff34e4b1e9
CAPThread::Entry(CAPThread*) + 77
6 libsystem_pthread.dylib     0x00007fff20333950 _pthread_start +
224
7 libsystem_pthread.dylib     0x00007fff2032f47b thread_start + 15
```

Thread 5:: com.apple.NSEventThread

```
0 libsystem_kernel.dylib     0x00007fff202fee7e mach_msg_trap +
10
1 libsystem_kernel.dylib     0x00007fff202ff1f0 mach_msg + 60
2 com.apple.CoreFoundation    0x00007fff2042bbe7
__CFRunLoopServiceMachPort + 316
3 com.apple.CoreFoundation    0x00007fff2042a2ba
__CFRunLoopRun + 1315
4 com.apple.CoreFoundation    0x00007fff204296be
CFRunLoopRunSpecific + 563
5 com.apple.AppKit           0x00007fff22dc936d _NSEventThread +
124
6 libsystem_pthread.dylib     0x00007fff20333950 _pthread_start +
224
7 libsystem_pthread.dylib     0x00007fff2032f47b thread_start + 15
```

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

```
rax: 0x00000000ec66b001 rbx: 0x0000000000000000 rcx:
```

0x00000000000000f4 rdx: 0x00000000e84020f9  
rdi: 0x00000000e82018f4 rsi: 0x0000600000e83e00 rbp:  
0x00007ffeec66b080 rsp: 0x00007ffeec66b060  
r8: 0x00000000000000ff r9: 0x000000000000007fb r10:  
0x000000000000003e00 r11: 0x00000000000000040  
r12: 0x0000000000000000a r13: 0x000000010c053198 r14:  
0x0000000000000002b r15: 0x00000000000000000  
rip: 0x000000010381c4cc rfl: 0x0000000000010202 cr2:  
0x00000000000000410

Logical CPU: 0  
Error Code: 0x00000004 (no mapping for user data read)  
Trap Number: 14

Thread 0 instruction stream:

```
84 cc 00 48 8b 83 e8 01-00 00 48 85 c0 74 82 48 ...H.....H..t.H
8b 48 28 66 83 79 08 00-0f 89 73 ff ff ff 48 8b .H(f.y....s...H.
78 30 44 89 fe 45 85 f6-74 0d 5b 41 5c 41 5e 41 x0D..E..t.[A\A^A
5f 5d e9 ad cf 0a 00 5b-41 5c 41 5e 41 5f 5d e9 _].....[A\A^A_].
d0 cf 0a 00 55 48 89 e5-41 57 41 56 53 50 41 89 ...UH..AWAVSPA.
d7 41 89 f6 48 89 fb e8-c8 fa ff ff 84 c0 74 44 .A..H.....tD
[8b]b3 10 04 00 00 83 fe-ff 74 44 48 8d 3d d2 cb .....tDH.=.. <==
cd 00 ba 01 00 00 00 44-89 f1 e8 85 6a 0f 00 c7 .....D....j...
83 10 04 00 00 ff ff ff-ff 48 8b bb a0 01 00 00 .....H.....
48 85 ff 74 0f 48 83 c4-08 5b 41 5e 41 5f 5d e9 H..t.H...[A^A_].
00 69 12 00 48 83 c4 08-5b 41 5e 41 5f 5d c3 be .i..H...[A^A_]..
01 00 00 00 48 89 df 44-89 f2 44 89 f9 48 83 c4 ....H..D..D..H..
```

Thread 0 last branch register state not available.

Binary Images:

0x103594000 - 0x1043c6fff +org.musescore.MuseScore  
(3.5.2.312126096 - 3.5.2.312126096) <5958D93C-9C0A-3395-  
A1C9-0BE94D41F077> /Applications/MuseScore 3.app/Contents/MacOS/  
mscore

0x104894000 - 0x1048ddfff +org.sparkle-project.Sparkle (1.20.0  
- 1.20.0) <CE792D43-180A-3237-978D-966E2CF21125> /Applications/  
MuseScore 3.app/Contents/Frameworks/Sparkle.framework/Versions/A/  
Sparkle

0x104929000 - 0x10492efff +libvorbisfile.3.dylib (0)  
<23371FD8-8E3C-3E1D-AFC3-D43E3915E7AF> /Applications/MuseScore  
3.app/Contents/Frameworks/libvorbisfile.3.dylib

0x10493b000 - 0x10495ffff +libvorbis.0.dylib (0) <CA69C23A-

F73B-31CD-A706-8AAECDD24F2E> /Applications/MuseScore 3.app/  
Contents/Frameworks/libvorbis.0.dylib  
0x10496f000 - 0x104974fff +libogg.0.dylib (0)  
<196504E7-65CB-3787-85B3-9D23E39286C7> /Applications/  
MuseScore 3.app/Contents/Frameworks/libogg.0.dylib  
0x104983000 - 0x104992fff +libportaudio.2.dylib (0)  
<1E7ACD70-7B96-344D-A165-E06D196B8381> /Applications/MuseScore  
3.app/Contents/Frameworks/libportaudio.2.dylib  
0x1049a3000 - 0x1049fefff +libsndfile.1.dylib (0) <37F8D7FF-  
BF7E-3EED-8FF8-3F961DF74252> /Applications/MuseScore 3.app/  
Contents/Frameworks/libsndfile.1.dylib  
0x104a10000 - 0x104a38fff +org.qt-project.QtTest (5.9 - 5.9.8)  
<579B139C-76C4-359E-A148-00803FA45EC5> /Applications/MuseScore  
3.app/Contents/Frameworks/QtTest.framework/Versions/5/QtTest  
0x104a54000 - 0x104a63fff +org.qt-project.QtQuickControls2  
(5.9 - 5.9.8) <735867AB-E0B3-3602-8B19-2B6625153435> /  
Applications/MuseScore 3.app/Contents/Frameworks/  
QtQuickControls2.framework/Versions/5/QtQuickControls2  
0x104a7f000 - 0x104a8afff +org.qt-project.QtQuickWidgets (5.9  
- 5.9.8) <3E9FBA01-92BF-384C-A1A7-0878183D2D00> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtQuickWidgets.framework/  
Versions/5/QtQuickWidgets  
0x104a9b000 - 0x104ac4fff +org.qt-project.QtXml (5.9 - 5.9.8)  
<9C57471E-E9BC-3CDE-8312-516AC49AAA12> /Applications/MuseScore  
3.app/Contents/Frameworks/QtXml.framework/Versions/5/QtXml  
0x104adf000 - 0x104e06fff +org.qt-project.QtXmlPatterns (5.9 -  
5.9.8) <AE6C6786-4C7A-3865-8D88-5ED5595B100F> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtXmlPatterns.framework/  
Versions/5/QtXmlPatterns  
0x104e6c000 - 0x104ea0fff +org.qt-project.QtSvg (5.9 - 5.9.8)  
<5BFBE054-291A-3B0A-90ED-4035A5BBE0C6> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtSvg.framework/Versions/5/  
QtSvg  
0x104ec8000 - 0x104eccfff +org.qt-project.QtConcurrent (5.9 -  
5.9.8) <B7D0FEDC-451E-3253-A771-AA19AE95B8FE> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtConcurrent.framework/  
Versions/5/QtConcurrent  
0x104ed9000 - 0x104f0dfff +org.qt-project.QtOpenGL (5.9 -  
5.9.8) <8380C054-3677-314C-BD2A-F923065B9AB3> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtOpenGL.framework/Versions/5/  
QtOpenGL  
0x104f35000 - 0x104f75fff +org.qt-project.QtHelp (5.9 - 5.9.8)  
<EB87308B-30BF-3EED-AE2C-28F950413EF2> /Applications/MuseScore  
3.app/Contents/Frameworks/QtHelp.framework/Versions/5/QtHelp

0x104f9b000 - 0x104fbffff +org.qt-project.QtSql (5.9 - 5.9.8)  
<FDD8A514-30B3-3054-BCCA-FC499C40EFCDD> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtSql.framework/Versions/5/  
QtSql

0x104fda000 - 0x105008fff +org.qt-project.QtWebEngine (5.9 -  
5.9.8) <86DD76DD-261D-31E1-8C6A-20DC3F5798F3> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtWebEngine.framework/  
Versions/5/QtWebEngine

0x105043000 - 0x105062fff +org.qt-  
project.QtWebEngineWidgets (5.9 - 5.9.8) <6AA7C30F-D22F-33FA-B760-  
B41E67D29423> /Applications/MuseScore 3.app/Contents/Frameworks/  
QtWebEngineWidgets.framework/Versions/5/QtWebEngineWidgets

0x10508a000 - 0x1050b5fff +org.qt-project.QtPrintSupport (5.9 -  
5.9.8) <425794BA-7F35-37D7-B1A6-F8D9C849EE3E> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtPrintSupport.framework/  
Versions/5/QtPrintSupport

0x1050e3000 - 0x105533fff +org.qt-project.QtWidgets (5.9 -  
5.9.8) <41E25489-A99D-3ABD-B227-0C25CC2F5ECA> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtWidgets.framework/Versions/5/  
QtWidgets

0x1056a8000 - 0x10a6b2fff +org.qt-project.Qt.QtWebEngineCore  
(5.9 - 5.9.8) <4066B2FE-01DA-3FDA-93D5-76B3B235270D> /  
Applications/MuseScore 3.app/Contents/Frameworks/  
QtWebEngineCore.framework/Versions/5/QtWebEngineCore

0x10ad28000 - 0x10afcdfff +org.qt-project.QtQuick (5.9 - 5.9.8)  
<09D0810B-CE4A-35DC-8ACE-1338116BEECB> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtQuick.framework/Versions/5/  
QtQuick

0x10b0d7000 - 0x10b4defff +org.qt-project.QtGui (5.9 - 5.9.8)  
<84F5E6A4-43C8-378E-9C88-8F1F65CC8208> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtGui.framework/Versions/5/  
QtGui

0x10b5ea000 - 0x10b5fefff +org.qt-project.QtWebChannel (5.9 -  
5.9.8) <B3915AD5-75D1-3775-B9AD-8A75657DE196> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtWebChannel.framework/  
Versions/5/QtWebChannel

0x10b60e000 - 0x10b8dbfff +org.qt-project.QtQml (5.9 - 5.9.8)  
<576BE03A-9476-34FA-B84E-24C1039B0609> /Applications/MuseScore  
3.app/Contents/Frameworks/QtQml.framework/Versions/5/QtQml

0x10b999000 - 0x10ba9bfff +org.qt-project.QtNetwork (5.9 -  
5.9.8) <BFD4CF67-6BC4-3542-863B-44DDBF180BA4> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtNetwork.framework/Versions/5/  
QtNetwork

0x10baf0000 - 0x10bb2efff +org.qt-project.QtPositioning (5.9 -

5.9.8) <DD46E6E0-6393-331F-A3D4-861990C74B84> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtPositioning.framework/  
Versions/5/QtPositioning  
0x10bb4f000 - 0x10c025fff +org.qt-project.QtCore (5.9 - 5.9.8)  
<CC8200D6-4944-3EE9-81E9-EDED06324869> /Applications/  
MuseScore 3.app/Contents/Frameworks/QtCore.framework/Versions/5/  
QtCore  
0x10c0ef000 - 0x10c118fff +libFLAC.8.dylib (0)  
<BCE42B5F-5A06-38F8-8337-D71483840492> /Applications/  
MuseScore 3.app/Contents/Frameworks/libFLAC.8.dylib  
0x10c12f000 - 0x10c1a6fff +libvorbisenc.2.dylib (0)  
<0080553A-3667-398A-8F75-4098F6B51DA5> /Applications/MuseScore  
3.app/Contents/Frameworks/libvorbisenc.2.dylib  
0x10c1cb000 - 0x10c242fff +org.qt-project.QtQuickTemplates2  
(5.9 - 5.9.8) <83877642-8BEC-3B65-9EEE-BBD121930B3E> /  
Applications/MuseScore 3.app/Contents/Frameworks/  
QtQuickTemplates2.framework/Versions/5/QtQuickTemplates2  
0x10e095000 - 0x10e1e4fff +libqcocoa.dylib (0) <2B1D3701-  
D949-3CBA-9D9F-292E9F4A627E> /Applications/MuseScore 3.app/  
Contents/PlugIns/platforms/libqcocoa.dylib  
0x11013f000 - 0x11014efff libobjc-trampolines.dylib (818.2)  
<27F9380F-20DE-3228-B34B-499FC8637F39> /usr/lib/libobjc-  
trampolines.dylib  
0x110669000 - 0x110704fff dyld (832.7.1) <2705F0D8-  
C104-3DE9-BEB5-B1EF6E28656D> /usr/lib/dyld  
0x1120e9000 - 0x1120edfff +libcocoaprintersupport.dylib (0)  
<6EA97A66-CDAF-3D27-B1AF-D9366DB78092> /Applications/  
MuseScore 3.app/Contents/PlugIns/printsupport/  
libcocoaprintersupport.dylib  
0x11257b000 - 0x112581fff +libqgif.dylib (0)  
<11F8782E-8D1D-35C0-A46D-3CE3BB217407> /Applications/MuseScore  
3.app/Contents/PlugIns/imageformats/libqgif.dylib  
0x11258a000 - 0x112591fff +libqicns.dylib (0) <F27DFEB8-  
C882-3207-B6C2-27A0F08ACF51> /Applications/MuseScore 3.app/  
Contents/PlugIns/imageformats/libqicns.dylib  
0x11259b000 - 0x1125a0fff +libqico.dylib (0)  
<E3EF04DF-5032-3A0E-86C0-9672D8CBC3D0> /Applications/  
MuseScore 3.app/Contents/PlugIns/imageformats/libqico.dylib  
0x1125a9000 - 0x1125e4fff +libqjpeg.dylib (0) <68A5D8E3-  
D64D-3F92-89EF-F864DA25691E> /Applications/MuseScore 3.app/  
Contents/PlugIns/imageformats/libqjpeg.dylib  
0x1125ef000 - 0x1125f3fff +libqmacjp2.dylib (0) <73C393B7-  
E63E-31CD-B6F1-40427628EA87> /Applications/MuseScore 3.app/  
Contents/PlugIns/imageformats/libqmacjp2.dylib

0x1125fc000 - 0x112600fff +libqsvg.dylib (0) <5F01913D-F6E4-3947-A03D-ED74D15C3C33> /Applications/MuseScore 3.app/Contents/PlugIns/imageformats/libqsvg.dylib

0x112609000 - 0x11260dfff +libqtga.dylib (0) <FAC8C0E4-F621-3368-9D32-14BA1CA47C00> /Applications/MuseScore 3.app/Contents/PlugIns/imageformats/libqtga.dylib

0x112616000 - 0x112677fff +libqtiff.dylib (0) <3D9FE08F-88BD-3F2A-B0CC-827CC34E2208> /Applications/MuseScore 3.app/Contents/PlugIns/imageformats/libqtiff.dylib

0x112685000 - 0x112689fff +libqwbmp.dylib (0) <38F95B96-2287-33C7-86B9-773AD209D1DC> /Applications/MuseScore 3.app/Contents/PlugIns/imageformats/libqwbmp.dylib

0x112692000 - 0x11271dfff +libqwebp.dylib (0) <DAC2559A-6961-3BA5-9AD1-EBE39FF63333> /Applications/MuseScore 3.app/Contents/PlugIns/imageformats/libqwebp.dylib

0x112eae000 - 0x112eb5fff  
com.apple.audio.AppleHDAHALPlugIn (283.15 - 283.15) <CB16166C-12CC-3083-AB81-45E09AF2B8A4> /System/Library/Extensions/AppleHDA.kext/Contents/PlugIns/AppleHDAHALPlugIn.bundle/Contents/MacOS/AppleHDAHALPlugIn

0x112ee4000 - 0x113047fff com.apple.audio.units.Components (1.14 - 1.14) <F8D75F8D-B039-3219-817F-CC8619BA8B09> /System/Library/Components/CoreAudio.component/Contents/MacOS/CoreAudio

0x113080000 - 0x113087fff +libqsvgicon.dylib (0) <7B98CE3C-AAD0-3284-AAA6-BCDFFCC24163> /Applications/MuseScore 3.app/Contents/PlugIns/iconengines/libqsvgicon.dylib

0x7fff2006c000 - 0x7fff2006dfff libsystem\_blocks.dylib (78) <83E2F888-F4C1-3181-B21B-136A0D7293DD> /usr/lib/system/libsystem\_blocks.dylib

0x7fff2006e000 - 0x7fff200a3fff libxpc.dylib (2038.40.38) <DC50F7DD-1C4B-3BD2-A54D-C5D7D97A3718> /usr/lib/system/libxpc.dylib

0x7fff200a4000 - 0x7fff200bbfff libsystem\_trace.dylib (1277.50.1) <94196441-5456-342D-84D1-C60A9249D273> /usr/lib/system/libsystem\_trace.dylib

0x7fff200bc000 - 0x7fff20157fff libcorecrypto.dylib (1000.40.21) <2FA5C1BD-F41C-3FCF-B1FA-7BED6E19ABEE> /usr/lib/system/libcorecrypto.dylib

0x7fff20158000 - 0x7fff20184fff libsystem\_malloc.dylib (317.40.8) <3688DBCE-2FFD-3F98-B12B-69ABE231908D> /usr/lib/system/libsystem\_malloc.dylib

0x7fff20185000 - 0x7fff201c9fff libdispatch.dylib (1271.40.12) <C55547DC-A05B-34A1-BD41-D54948D8F57F> /usr/lib/system/libdispatch.dylib



0x7fff201ca000 - 0x7fff20202fff libobjc.A.dylib (818.2)  
<DD09F187-80F1-308F-9395-912F27E9A390> /usr/lib/libobjc.A.dylib

0x7fff20203000 - 0x7fff20205fff libsystem\_featureflags.dylib  
(28.40.2) <3E1E8F98-E791-301D-909F-4CA205C94D1A> /usr/lib/system/  
libsystem\_featureflags.dylib

0x7fff20206000 - 0x7fff2028efff libsystem\_c.dylib (1439.40.11)  
<8D791F3A-4848-302F-88CD-46D91DE73127> /usr/lib/system/  
libsystem\_c.dylib

0x7fff2028f000 - 0x7fff202e4fff libc++.1.dylib (904.4) <E7F465AC-  
C8FF-31DB-8EC4-7EBBA7468EB5> /usr/lib/libc++.1.dylib

0x7fff202e5000 - 0x7fff202fdfff libc++abi.dylib (904.4)  
<253848B5-ED35-3202-8593-5DCC763A8192> /usr/lib/libc++abi.dylib

0x7fff202fe000 - 0x7fff2032cfff libsystem\_kernel.dylib (7195.50.7)  
<41068F5C-74E3-3C98-9256-6A18364FB5BA> /usr/lib/system/  
libsystem\_kernel.dylib

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system/libsystem\_pthread.dylib

0x7fff20339000 - 0x7fff20373fff libdyld.dylib (832.7.1)  
<0C66AB9F-E22C-3286-B76B-DA4008698CD2> /usr/lib/system/  
libdyld.dylib

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system/libsystem\_platform.dylib

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<90DDEF9D-9DBA-3599-A9DD-A7F730AE945F> /usr/lib/system/  
libsystem\_info.dylib

0x7fff203aa000 - 0x7fff20845fff com.apple.CoreFoundation (6.9 -  
1770.106) <7EBD4941-5978-33EF-98FB-724BB81E92C8> /System/  
Library/Frameworks/CoreFoundation.framework/Versions/A/  
CoreFoundation

0x7fff20846000 - 0x7fff20a74fff com.apple.LaunchServices  
(1122.5.1 - 1122.5.1) <E26F607E-C523-3753-95FC-7A75130632FE> /  
System/Library/Frameworks/CoreServices.framework/Versions/A/  
Frameworks/LaunchServices.framework/Versions/A/LaunchServices

0x7fff20a75000 - 0x7fff20b48fff com.apple.gpusw.MetalTools (1.0 -  
1) <0CC81516-4858-3463-A2D8-8FCA414B63FD> /System/Library/  
PrivateFrameworks/MetalTools.framework/Versions/A/MetalTools

0x7fff20b49000 - 0x7fff20dacfff libBLAS.dylib (1336.40.1)  
<903B0DDC-4B74-3305-B81D-8E66D6AFAD04> /System/Library/  
Frameworks/Accelerate.framework/Versions/A/Frameworks/  
vecLib.framework/Versions/A/libBLAS.dylib

0x7fff20dad000 - 0x7fff20dfafff com.apple.Lexicon-framework (1.0  
- 86.1) <A6282972-785B-3AC4-84A5-6780315011F1> /System/Library/

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Frameworks/Accelerate.framework/Versions/A/Frameworks/  
vecLib.framework/Versions/A/libSparse.dylib  
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Library/Frameworks/SystemConfiguration.framework/Versions/A/  
SystemConfiguration  
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0x7fff214b8000 - 0x7fff215a4fff com.apple.LanguageModeling (1.0  
- 247) <83FC0636-F2C6-33F1-A873-E3D5A07A9BA4> /System/Library/  
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LanguageModeling  
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Library/PrivateFrameworks/AudioToolboxCore.framework/Versions/A/  
AudioToolboxCore  
0x7fff21952000 - 0x7fff21b3bfff com.apple.CoreText (677.1.0.7 -  
677.1.0.7) <ACB75DE7-96D0-379E-8E94-B7DF51A694B9> /System/  
Library/Frameworks/CoreText.framework/Versions/A/CoreText  
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system/libsystem\_darwin.dylib  
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com.apple.CoreServices.CarbonCore (1307 - 1307) <F20CD75D-F81D-36F3-90AE-7C2F26E01DA4> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/CarbonCore.framework/Versions/A/CarbonCore

0x7fff22a84000 - 0x7fff22ac2fff com.apple.CoreServicesInternal (476 - 476) <E861339B-F001-3BBC-96C7-916E41B0F238> /System/Library/PrivateFrameworks/CoreServicesInternal.framework/Versions/A/CoreServicesInternal

0x7fff22ac3000 - 0x7fff22afdfbf com.apple.CSSStore (1122.5.1 - 1122.5.1) <74069AC7-3AA9-3953-A036-425105377BFF> /System/Library/PrivateFrameworks/CoreServicesStore.framework/Versions/A/CoreServicesStore

0x7fff22afe000 - 0x7fff22babfff com.apple.framework.IOKit (2.0.2 - 1845.50.1) <18A1F263-4AE2-3F9B-A38F-50BEB00B43D1> /System/Library/Frameworks/IOKit.framework/Versions/A/IOKit

0x7fff22bac000 - 0x7fff22bb7fff libsystem\_notify.dylib (279.40.4) <73D358B2-6C2D-33DF-975C-BE9EE5F45A0F> /usr/lib/system/libsystem\_notify.dylib

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0x7fff22c04000 - 0x7fff23960fff com.apple.AppKit (6.9 - 2022.10.104) <FA93F8CC-AB69-3E81-AC53-3FA08704738C> /System/Library/Frameworks/AppKit.framework/Versions/C/AppKit

0x7fff23961000 - 0x7fff23bb4fff com.apple.UIFoundation (1.0 - 725) <7F8DC3AA-296B-37DE-AF30-40F2653452C1> /System/Library/PrivateFrameworks/UIFoundation.framework/Versions/A/UIFoundation

0x7fff23bb5000 - 0x7fff23bc7fff com.apple.UniformTypeIdentifiers (631.8 - 631.8) <071D25FB-2014-3066-9B85-6FE5CCC0B6AC> /System/Library/Frameworks/UniformTypeIdentifiers.framework/Versions/A/UniformTypeIdentifiers

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0x7fff23d66000 - 0x7fff23f63fff com.apple.CoreDuet (1.0 - 1) <AAE58ED5-6581-3D47-A7BB-F3BAF9770BD0> /System/Library/PrivateFrameworks/CoreDuet.framework/Versions/A/CoreDuet

0x7fff23f64000 - 0x7fff2401efff libboringsssl.dylib (351.40.2) <1A00955E-819F-3D83-925C-39E0CD351C66> /usr/lib/libboringsssl.dylib

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0x7fff24b01000 - 0x7fff24b0ffff libsystem\_networkextension.dylib  
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libsystem\_asl.dylib

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PrivateFrameworks/TCC.framework/Versions/A/TCC

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PrivateFrameworks/SkyLight.framework/Versions/A/SkyLight

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Frameworks/CoreGraphics.framework/Versions/A/CoreGraphics

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3472) <37533610-6D35-304E-8D76-945DA4E524AB> /System/Library/  
Frameworks/ColorSync.framework/Versions/A/ColorSync

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Frameworks/ApplicationServices.framework/Versions/A/Frameworks/  
HIServices.framework/Versions/A/HIServices

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WirelessDiagnostics

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Frameworks/CoreData.framework/Versions/A/CoreData

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285.20.8.8.1) <7B0CA279-FD76-32D3-9A8B-ABA6AA799C30> /System/  
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ProtocolBuffer

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CommonUtilities

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Versions/A/RunningBoardServices

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libDiagnosticMessagesClient.dylib

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com.apple.spotlight.metadata.utilities (1.0 - 2149.9)

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2149.9) <19EA1487-2CDE-36C6-8EC1-537E33FB8874> /System/Library/  
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Metadata.framework/Versions/A/Metadata

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Frameworks/DiskArbitration.framework/Versions/A/DiskArbitration

0x7fff26507000 - 0x7fff26badfff com.apple.vImage (8.1 - 543)  
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Frameworks/Accelerate.framework/Versions/A/Frameworks/  
vImage.framework/Versions/A/vImage

0x7fff26bae000 - 0x7fff26e70fff com.apple.QuartzCore (1.11 -  
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Frameworks/ApplicationServices.framework/Versions/A/Frameworks/  
ATS.framework/Versions/A/Resources/libFontRegistry.dylib

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PrivateFrameworks/ViewBridge.framework/Versions/A/ViewBridge

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PerformanceAnalysis

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CFOpenDirectory.framework/Versions/A/CFOpenDirectory

0x7fff2711d000 - 0x7fff27125fff com.apple.CoreServices.FSEvents  
(1290.40.2 - 1290.40.2) <EE985F8A-608D-3A9E-8DDE-  
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CoreAutoLayout  
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loginsupport.framework/Versions/A/loginsupport  
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WebCore.framework/Versions/A/Frameworks/libwebrtc.dylib  
0x7fff2822d000 - 0x7fff282a9fff com.apple.corelocation  
(2420.8.10.3.1 - 2420.8.10.3.1)  
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Frameworks/CoreLocation.framework/Versions/A/CoreLocation

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0x7fff282bb000 - 0x7fff282ccfff com.apple.IOSurface (289.3 - 289.3) <457DD2AD-E48D-3BD3-9549-9CD9CA6B4F51> /System/Library/Frameworks/IOSurface.framework/Versions/A/IOSurface

0x7fff282cd000 - 0x7fff282d9fff com.apple.IOAccelerator (439.35.4 - 439.35.4) <1FC8B98E-D5A3-3C7B-919B-D187D7A6F76B> /System/Library/PrivateFrameworks/IOAccelerator.framework/Versions/A/IOAccelerator

0x7fff282da000 - 0x7fff283fffff com.apple.Metal (244.32.6 - 244.32.6) <6BB79960-68EA-3CB9-89D9-E8A11B8C9491> /System/Library/Frameworks/Metal.framework/Versions/A/Metal

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0x7fff301ef000 - 0x7fff301effff com.apple.MediaAccessibility (1.0 - 130) <D7556226-D396-3EA8-B10D-F73C074ABFAD> /System/Library/Frameworks/MediaAccessibility.framework/Versions/A/MediaAccessibility

0x7fff301fb000 - 0x7fff3021afff com.apple.networking.AlgosScoreFramework (1.0 - 1) <8C52B479-2985-3112-8C95-38C082EC6DF4> /System/Library/PrivateFrameworks/AlgosScoreFramework.framework/Versions/A/AlgosScoreFramework

0x7fff3021b000 - 0x7fff3021ffff com.apple.AppleSRP (5.0 - 1) <663CC9B2-670B-3F1C-9C42-E8242A040287> /System/Library/PrivateFrameworks/AppleSRP.framework/Versions/A/AppleSRP

0x7fff30220000 - 0x7fff3022bfff com.apple.frameworks.CoreDaemon (1.3 - 1.3) <73EEC846-DC76-30EB-9D43-7D311452D440> /System/Library/PrivateFrameworks/CoreDaemon.framework/Versions/B/CoreDaemon

0x7fff3022c000 - 0x7fff30263fff com.apple.framework.SystemAdministration (1.0 - 1.0) <31EFF4FD-12E6-3A3B-8F52-F7288263D549> /System/Library/

PrivateFrameworks/SystemAdministration.framework/Versions/A/  
SystemAdministration

0x7fff30a2000 - 0x7fff30aa7fff com.apple.CoreBluetooth (1.0 - 1)  
<0F11E92C-6CFC-3912-BB82-B4CE7BA16FC7> /System/Library/  
Frameworks/CoreBluetooth.framework/Versions/A/CoreBluetooth

0x7fff30aa8000 - 0x7fff30ab1fff  
com.apple.SymptomDiagnosticReporter (1.0 - 79.40.12) <3FF67454-  
E235-33D7-AB87-02496A234188> /System/Library/PrivateFrameworks/  
SymptomDiagnosticReporter.framework/Versions/A/  
SymptomDiagnosticReporter

0x7fff30ab2000 - 0x7fff30ac5fff com.apple.PowerLog (1.0 - 1)  
<E34CC7ED-0ADB-3D16-87B4-1489D6D7918C> /System/Library/  
PrivateFrameworks/PowerLog.framework/Versions/A/PowerLog

0x7fff30ac6000 - 0x7fff30ad2fff com.apple.AppleIDAuthSupport  
(1.0 - 1) <7103A610-7E5A-34F7-BE69-5E25B334E66A> /System/Library/  
PrivateFrameworks/AppleIDAuthSupport.framework/Versions/A/  
AppleIDAuthSupport

0x7fff30ad3000 - 0x7fff30b7bfff com.apple.DiscRecording (9.0.3 -  
9030.4.5) <12CEDA8E-D339-3022-BFD9-135458523B3E> /System/  
Library/Frameworks/DiscRecording.framework/Versions/A/DiscRecording

0x7fff30b7c000 - 0x7fff30baffff com.apple.MediaKit (16 - 927.40.2)  
<E5571EB2-2864-372E-BE83-DDE90F1A05CC> /System/Library/  
PrivateFrameworks/MediaKit.framework/Versions/A/MediaKit

0x7fff30bb0000 - 0x7fff30c9bfff com.apple.DiskManagement (14.0  
- 1733.40.24) <7B3D0853-7B34-331A-902C-D2ED8004FD39> /System/  
Library/PrivateFrameworks/DiskManagement.framework/Versions/A/  
DiskManagement

0x7fff30c9c000 - 0x7fff31056fff com.apple.CoreAUC (321.2.0 -  
321.2.0) <CF62493C-B5DE-3C08-B9B3-4B7B4D1AEA84> /System/  
Library/PrivateFrameworks/CoreAUC.framework/Versions/A/CoreAUC

0x7fff31057000 - 0x7fff3105afff com.apple.Mangrove (1.0 - 25)  
<9E1C3E05-5B1A-3025-9DF5-BA2B40453CE5> /System/Library/  
PrivateFrameworks/Mangrove.framework/Versions/A/Mangrove

0x7fff3105b000 - 0x7fff31088fff com.apple.CoreAVCHD (6.1.0 -  
6100.4.1) <FA8FC4B3-851C-3082-AD2A-DF86089EB3C9> /System/  
Library/PrivateFrameworks/CoreAVCHD.framework/Versions/A/CoreAVCHD

0x7fff31089000 - 0x7fff311a9fff com.apple.FileProvider (325 - 325)  
<B02BE1B5-92B4-371F-AEBA-087BB58272D4> /System/Library/  
Frameworks/FileProvider.framework/Versions/A/FileProvider

0x7fff311aa000 - 0x7fff311cdfff com.apple.GenerationalStorage (2.0  
- 322) <3400BD70-40AE-3FC5-BC7F-B6AB44B6134D> /System/Library/  
PrivateFrameworks/GenerationalStorage.framework/Versions/A/  
GenerationalStorage

0x7fff31544000 - 0x7fff31613fff com.apple.CoreTelephony (113 -

8166) <9BD70745-ECD4-344A-86FB-C33A13A2BD9B> /System/Library/  
Frameworks/CoreTelephony.framework/Versions/A/CoreTelephony  
0x7fff31638000 - 0x7fff317c4fff com.apple.AVFCore (1.0 - 1997.1)  
<E5003D4B-A16F-3FC0-988D-1C3BD6945C8A> /System/Library/  
PrivateFrameworks/AVFCore.framework/Versions/A/AVFCore  
0x7fff317c5000 - 0x7fff31837fff com.apple.FrontBoardServices  
(702.3.1 - 702.3.1) <F1B9D008-9F6E-3A8B-B697-3F3F85A8B4E8> /  
System/Library/PrivateFrameworks/FrontBoardServices.framework/  
Versions/A/FrontBoardServices  
0x7fff31838000 - 0x7fff31861fff com.apple.BoardServices (1.0 -  
526) <5E8BC0C0-C781-3E53-8092-1A0CE35FDBEA> /System/Library/  
PrivateFrameworks/BoardServices.framework/Versions/A/BoardServices  
0x7fff318a5000 - 0x7fff318bdfff com.apple.ExtensionKit (19.1 - 19.1)  
<E8620294-682A-35A8-95FD-44FAD846D3DA> /System/Library/  
PrivateFrameworks/ExtensionKit.framework/Versions/A/ExtensionKit  
0x7fff318be000 - 0x7fff318c5fff com.apple.ExtensionFoundation  
(19.1 - 19.1) <02B1E452-BBFE-3DF1-8E8E-DC94DA25F711> /System/  
Library/PrivateFrameworks/ExtensionFoundation.framework/Versions/A/  
ExtensionFoundation  
0x7fff318c6000 - 0x7fff3190cfff com.apple.CryptoTokenKit (1.0 - 1)  
<525FD22F-AF6D-31C4-804D-EDA6EDC99A95> /System/Library/  
Frameworks/CryptoTokenKit.framework/Versions/A/CryptoTokenKit  
0x7fff3190d000 - 0x7fff31924fff com.apple.LocalAuthentication (1.0  
- 827.40.37) <5B726ED4-9336-3985-8566-09B0D16BC488> /System/  
Library/Frameworks/LocalAuthentication.framework/Versions/A/  
LocalAuthentication  
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com.apple.CoreAuthentication.SharedUtils (1.0 - 827.40.37)  
<059D1BFA-4092-3DDA-AD95-DFFCA7AE7DDA> /System/Library/  
Frameworks/LocalAuthentication.framework/Support/  
SharedUtils.framework/Versions/A/SharedUtils  
0x7fff319c7000 - 0x7fff31a08fff com.apple.CoreHaptics (1.0 - 1)  
<13DD2222-649F-3ADD-867A-CE7FA7523BA4> /System/Library/  
Frameworks/CoreHaptics.framework/Versions/A/CoreHaptics  
0x7fff31a16000 - 0x7fff31a55fff com.apple.AppleVPAFramework  
(3.20.4 - 3.20.4) <9E22EFBC-493A-32A3-B7C2-0F56B4072D17> /  
System/Library/PrivateFrameworks/AppleVPA.framework/Versions/A/  
AppleVPA  
0x7fff31b26000 - 0x7fff31b62fff com.apple.DebugSymbols (195.1 -  
195.1) <93BEC865-279E-3A6E-A24B-487C51FF6459> /System/Library/  
PrivateFrameworks/DebugSymbols.framework/Versions/A/DebugSymbols  
0x7fff31b63000 - 0x7fff31c20fff com.apple.CoreSymbolication (12.2  
- 64541.4) <D9F608E4-437D-3A1C-83E7-7BD6CF830589> /System/  
Library/PrivateFrameworks/CoreSymbolication.framework/Versions/A/

## CoreSymbolication

0x7fff31c21000 - 0x7fff31c2afff com.apple.CoreTime (283)  
<A7E32D27-8B00-363C-AD63-C57D760632A3> /System/Library/  
PrivateFrameworks/CoreTime.framework/Versions/A/CoreTime

0x7fff31c2b000 - 0x7fff31ca0fff com.apple.Rapport (2.1.0 - 210.4)  
<60583DE2-F43A-3037-AEE3-F4BF5327126C> /System/Library/  
PrivateFrameworks/Rapport.framework/Versions/A/Rapport

0x7fff324db000 - 0x7fff32528fff com.apple.coreduetcontext (1.0 -  
1) <AD3D78DF-7139-3D5F-9EFF-C99E9EBF3A92> /System/Library/  
PrivateFrameworks/CoreDuetContext.framework/Versions/A/  
CoreDuetContext

0x7fff32529000 - 0x7fff32aa0fff com.apple.Intents (1.0 - 1)  
<EDA5F6CB-3D90-3C29-947A-B30A2EC95591> /System/Library/  
Frameworks/Intents.framework/Versions/A/Intents

0x7fff32aa1000 - 0x7fff32b04fff com.apple.framework.Apple80211  
(17.0 - 1728) <E5DB3BA3-DA6B-33B2-A111-852B5041DE4E> /System/  
Library/PrivateFrameworks/Apple80211.framework/Versions/A/Apple80211

0x7fff32b05000 - 0x7fff32c57fff com.apple.CoreWiFi (3.0 - 341)  
<4B9C6F89-74B7-35F0-AC61-7ECD993B8139> /System/Library/  
PrivateFrameworks/CoreWiFi.framework/Versions/A/CoreWiFi

0x7fff32c58000 - 0x7fff32c70fff com.apple.BackBoardServices (1.0  
- 1.0) <2342E432-F1E3-333F-A6D4-D193ED690504> /System/Library/  
PrivateFrameworks/BackBoardServices.framework/Versions/A/  
BackBoardServices

0x7fff32c71000 - 0x7fff32ca8fff com.apple.LDAPFramework (2.4.28  
- 194.5) <1D3EE3B4-47EA-3EA4-9D9B-8BE68438C97E> /System/  
Library/Frameworks/LDAP.framework/Versions/A/LDAP

0x7fff32ca9000 - 0x7fff32caafff com.apple.TrustEvaluationAgent  
(2.0 - 35) <F8489D0F-CB98-3077-A14C-246B23A3CEDD> /System/  
Library/PrivateFrameworks/TrustEvaluationAgent.framework/Versions/A/  
TrustEvaluationAgent

0x7fff32cab000 - 0x7fff32daefff libcrypto.44.dylib (56.40.4)  
<4FDD7D62-15A2-328F-A9B4-1D3CF719048E> /usr/lib/libcrypto.44.dylib

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<C516ED7A-78A0-3704-8E00-CCD04520EB9D> /usr/lib/libssl.46.dylib

0x7fff32ddd000 - 0x7fff32e8cfff com.apple.DiskImagesFramework  
(595.40.1 - 595.40.1) <BD2EAE99-4370-3837-A31E-696E60A0ED75> /  
System/Library/PrivateFrameworks/DiskImages.framework/Versions/A/  
DiskImages

0x7fff32ec4000 - 0x7fff32ed3fff  
com.apple.xpc.RemoteServiceDiscovery (1.0 - 2038.40.38)  
<7F2CB942-65FF-3A6B-AA1E-717BB18DEE80> /System/Library/  
PrivateFrameworks/RemoteServiceDiscovery.framework/Versions/A/  
RemoteServiceDiscovery



0x7fff32ed4000 - 0x7fff32eebfff com.apple.xpc.RemoteXPC (1.0 - 2038.40.38) <118A75E2-58FB-3E30-B0F0-064E42BD3A9B> /System/Library/PrivateFrameworks/RemoteXPC.framework/Versions/A/RemoteXPC

0x7fff32f33000 - 0x7fff32f36fff com.apple.help (1.3.8 - 71) <FFC118DA-4302-3A44-B166-8810A045B492> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help

0x7fff32f37000 - 0x7fff32f3efff com.apple.EFILogin (2.0 - 2) <4EE8F2C6-F75A-3545-93C7-9EC7DB7E4337> /System/Library/PrivateFrameworks/EFILogin.framework/Versions/A/EFILogin

0x7fff32f3f000 - 0x7fff32f4afff libcsfde.dylib (554) <DB193672-8501-3F7B-BEB4-4F59C8887512> /usr/lib/libcsfde.dylib

0x7fff32f4b000 - 0x7fff32fb0fff libcurl.4.dylib (121.40.2) <5058A2E4-6D41-3951-BCAE-AA3F1391E9C1> /usr/lib/libcurl.4.dylib

0x7fff32fb1000 - 0x7fff32fb8fff com.apple.LoginUIKit (4.0 - 4.0) <E5C4195B-FCDC-3045-9459-26259A47CEF0> /System/Library/PrivateFrameworks/LoginUIKit.framework/Versions/A/Frameworks/LoginUIKitCore.framework/Versions/A/LoginUIKitCore

0x7fff32fb9000 - 0x7fff3301cfff com.apple.AppSupport (1.0.0 - 29) <9B6E149D-2ED2-3598-85BA-6B98303945D7> /System/Library/PrivateFrameworks/AppSupport.framework/Versions/A/AppSupport

0x7fff330bd000 - 0x7fff3316bfff com.apple.GameController (1.0 - 1) <58C5447A-2C63-357F-AAE7-1A074AEA911A> /System/Library/Frameworks/GameController.framework/Versions/A/GameController

0x7fff33174000 - 0x7fff33174fff com.apple.ApplicationServices (48 - 50) <BF6B5DC5-22AF-3926-8D21-7F4CFDB03644> /System/Library/Frameworks/ApplicationServices.framework/Versions/A/ApplicationServices

0x7fff33330000 - 0x7fff3336ffff com.apple.AppleIDSSOAuthentication (1.0 - 1) <BCDD8F95-6B60-3DBC-B8DF-8333601B40C9> /System/Library/PrivateFrameworks/AppleIDSSOAuthentication.framework/Versions/A/AppleIDSSOAuthentication

0x7fff33370000 - 0x7fff333c7fff com.apple.CorePrediction (1.0 - 1) <1B480865-0608-339B-B2B9-B47CC02DC11A> /System/Library/PrivateFrameworks/CorePrediction.framework/Versions/A/CorePrediction

0x7fff33474000 - 0x7fff33474fff libHeimdalProxy.dylib (79) <D67CF959-658D-3E1C-9900-5DC0A507D02A> /System/Library/Frameworks/Kerberos.framework/Versions/A/Libraries/libHeimdalProxy.dylib

0x7fff33527000 - 0x7fff33527fff com.apple.audio.units.AudioUnit (1.14 - 1.14) <106AE4DA-6F73-393B-889D-5D048ECDDDE1> /System/Library/Frameworks/AudioUnit.framework/Versions/A/AudioUnit

0x7fff3358f000 - 0x7fff335affff com.apple.DuetActivityScheduler

(1.0 - 1) <FBD64DA2-B72B-305C-A47E-05C1BF4262A5> /System/Library/PrivateFrameworks/DuetActivityScheduler.framework/Versions/A/DuetActivityScheduler  
0x7fff335c3000 - 0x7fff335d0fff com.apple.IntentsFoundation (1.0 - 1) <B98BBFCB-0BAD-309B-A9BA-42A95BFFA51D> /System/Library/PrivateFrameworks/IntentsFoundation.framework/Versions/A/IntentsFoundation  
0x7fff335d1000 - 0x7fff335d6fff com.apple.PushKit (1.0 - 1) <3413F98D-29D1-324C-A6F4-CDA5E3A6B75A> /System/Library/Frameworks/PushKit.framework/Versions/A/PushKit  
0x7fff335d7000 - 0x7fff3360dfff com.apple.C2 (1.3 - 569) <3A7AFD52-2823-3E0B-B6B7-3543DCB15B02> /System/Library/PrivateFrameworks/C2.framework/Versions/A/C2  
0x7fff3360e000 - 0x7fff3363ffff com.apple.QuickLookThumbnailing (1.0 - 135) <F55E34A5-9B45-3B95-B61F-8B7F16763462> /System/Library/Frameworks/QuickLookThumbnailing.framework/Versions/A/QuickLookThumbnailing  
0x7fff33640000 - 0x7fff33e4dfff  
com.apple.vision.EspressoFramework (1.0 - 256) <48FD96E6-54BA-3E93-9CCD-9116BAB291C9> /System/Library/PrivateFrameworks/Espresso.framework/Versions/A/Espresso  
0x7fff33e4e000 - 0x7fff33e65fff com.apple.ANEServices (4.51 - 4.51) <A3787A57-C261-3CDE-92B1-5D40493303B3> /System/Library/PrivateFrameworks/ANEServices.framework/Versions/A/ANEServices  
0x7fff33f81000 - 0x7fff33f83fff com.apple.CoreDuetDebugLogging (1.0 - 1) <B20E1899-2588-3544-B186-59EF7302107C> /System/Library/PrivateFrameworks/CoreDuetDebugLogging.framework/Versions/A/CoreDuetDebugLogging  
0x7fff33f84000 - 0x7fff33f91fff  
com.apple.CoreDuetDaemonProtocol (1.0 - 1) <2AE8085A-5FD4-3408-9012-9C1B02BC2232> /System/Library/PrivateFrameworks/CoreDuetDaemonProtocol.framework/Versions/A/CoreDuetDaemonProtocol  
0x7fff344df000 - 0x7fff3452ffff com.apple.ChunkingLibrary (334 - 334) <996DC3E2-CC2E-376D-9A31-2D5093C078C5> /System/Library/PrivateFrameworks/ChunkingLibrary.framework/Versions/A/ChunkingLibrary  
0x7fff34bf9000 - 0x7fff34d9cfff com.apple.WebKitLegacy (16610 - 16610.2.11.51.8) <D7FC9C8D-2879-3C77-83B4-440E858A174F> /System/Library/Frameworks/WebKit.framework/Versions/A/Frameworks/WebKitLegacy.framework/Versions/A/WebKitLegacy  
0x7fff34db7000 - 0x7fff34dcdfff  
com.apple.CoreML.AppleNeuralEngine (1.0 - 1) <A4D0DD69-2A50-3022-A40F-73D755953297> /System/Library/PrivateFrameworks/

AppleNeuralEngine.framework/Versions/A/AppleNeuralEngine  
0x7fff34e21000 - 0x7fff34e8dfff com.apple.audio.midi.CoreMIDI  
(2.0 - 88) <35E0C592-ECAC-3EE7-92D4-BB3FFB64C3BB> /System/  
Library/Frameworks/CoreMIDI.framework/Versions/A/CoreMIDI  
0x7fff34f25000 - 0x7fff34f28fff com.apple.Cocoa (6.11 - 23)  
<D673DE75-8885-39F1-9847-81D602E69229> /System/Library/  
Frameworks/Cocoa.framework/Versions/A/Cocoa  
0x7fff34f73000 - 0x7fff35346fff com.apple.AppleMediaServices  
(1.0 - 1) <29CBA174-D1E1-3B3B-BBA3-510DA252BF7E> /System/Library/  
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AppleMediaServices  
0x7fff35a74000 - 0x7fff35a7bfff com.apple.DisplayServicesFW (3.1  
- 380) <50AF321B-3349-3285-A4E8-98FCEF3C1190> /System/Library/  
PrivateFrameworks/DisplayServices.framework/Versions/A/DisplayServices  
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(3815) <97908B15-8276-384F-A241-88D93A20F1A3> /System/Library/  
PrivateFrameworks/WirelessDiagnostics.framework/Versions/A/Libraries/  
libAWDSupportFramework.dylib  
0x7fff36309000 - 0x7fff3632afff com.apple.MarkupUI (1.0 - 383.3)  
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Frameworks/Carbon.framework/Versions/A/Frameworks/  
OpenScripting.framework/Versions/A/OpenScripting  
0x7fff3635b000 - 0x7fff3635efff com.apple.securityhi (9.0 - 55008)  
<E11B58BC-4B25-3991-B243-C2A5C797DE60> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Frameworks/  
SecurityHI.framework/Versions/A/SecurityHI  
0x7fff3635f000 - 0x7fff36362fff com.apple.ink.framework (10.15 -  
227) <1C0F3697-754A-307E-83B4-2D133D80E7B3> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Frameworks/Ink.framework/  
Versions/A/Ink  
0x7fff36363000 - 0x7fff36366fff com.apple.CommonPanels (1.2.6 -  
101) <50B28EBC-6852-3843-8BB6-93800D8EE7D6> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Frameworks/  
CommonPanels.framework/Versions/A/CommonPanels  
0x7fff36367000 - 0x7fff3636efff com.apple.ImageCapture (1707 -  
1707) <F8BA52A6-2076-3439-9F02-8EFABDFADC87> /System/Library/  
Frameworks/Carbon.framework/Versions/A/Frameworks/  
ImageCapture.framework/Versions/A/ImageCapture  
0x7fff3636f000 - 0x7fff3749ffff com.apple.JavaScriptCore (16610 -  
16610.2.11.51.8) <6EB4E7CB-EE31-3ED9-BD58-7FCDCEE0AC9B> /  
System/Library/Frameworks/JavaScriptCore.framework/Versions/A/

## JavaScriptCore

0x7fff3750a000 - 0x7fff375f1fff com.apple.audio.AVFAudio (1.0 - 477.9) <1AFD3528-66BF-3FCF-A481-15F7B628ADCD> /System/Library/Frameworks/AVFoundation.framework/Versions/A/Frameworks/AVFAudio.framework/Versions/A/AVFAudio

0x7fff375f2000 - 0x7fff37704fff com.apple.AVFCapture (1.0 - 79.12.3) <5BD7D319-9C23-35D6-8EA4-D94C7BEB1ECF> /System/Library/PrivateFrameworks/AVFCapture.framework/Versions/A/AVFCapture

0x7fff37705000 - 0x7fff37799fff com.apple.Quagga (47 - 47) <2B629E94-DF44-36D8-8C42-50E276C1CCC9> /System/Library/PrivateFrameworks/Quagga.framework/Versions/A/Quagga

0x7fff3779a000 - 0x7fff379e9fff com.apple.CMCapture (1.0 - 79.12.3) <C80CE0B5-29C9-3885-BDC7-6A0BCE75CA77> /System/Library/PrivateFrameworks/CMCapture.framework/Versions/A/CMCapture

0x7fff383f6000 - 0x7fff38405fff com.apple.HID (1.0 - 1) <55060EE4-C501-348D-A4EA-03F8E2BE8F9B> /System/Library/PrivateFrameworks/HID.framework/Versions/A/HID

0x7fff38406000 - 0x7fff3852dfff com.apple.QuickLookUIFramework (5.0 - 928) <221B9766-C7A7-3F3E-954D-569DC860F1EA> /System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuickLookUI.framework/Versions/A/QuickLookUI

0x7fff391c9000 - 0x7fff391ccfff com.apple.OSAServicesClient (1.0 - 1) <7193D631-42B0-3F65-AD4D-161DF0DC2633> /System/Library/PrivateFrameworks/OSAServicesClient.framework/Versions/A/OSAServicesClient

0x7fff39200000 - 0x7fff39207fff com.apple.URLFormatting (146 - 146.5) <08E3B50A-2F33-3582-8ED1-A43EAFE92B25> /System/Library/PrivateFrameworks/URLFormatting.framework/Versions/A/URLFormatting

0x7fff39208000 - 0x7fff39217fff com.apple.accessibility.AXCoreUtilities (1.0 - 1) <9B92B766-96D3-34EF-9807-68AAD55E779C> /System/Library/PrivateFrameworks/AXCoreUtilities.framework/Versions/A/AXCoreUtilities

0x7fff39218000 - 0x7fff3922ffff libAccessibility.dylib (2877.16) <363A532F-8A72-3CD4-B58C-E316E9FB34EB> /usr/lib/libAccessibility.dylib

0x7fff39230000 - 0x7fff3b76dfff com.apple.WebCore (16610 - 16610.2.11.51.8) <5B4CAFC9-A457-355E-811C-04A1BA740380> /System/Library/Frameworks/WebKit.framework/Versions/A/Frameworks/WebCore.framework/Versions/A/WebCore

0x7fff3ba66000 - 0x7fff3ba8afff com.apple.quicklook.QuickLookSupport (1.0 - 135) <081A26D5-661A-3070-B38C-2508903C53FD> /System/Library/PrivateFrameworks/QuickLookSupport.framework/Versions/A/QuickLookSupport

0x7fff3ba8b000 - 0x7fff3bb22fff com.apple.AirPlaySync (1.0 - 2757.5) <119F53A0-E34A-3608-91A9-8D78E9887A1C> /System/Library/PrivateFrameworks/AirPlaySync.framework/Versions/A/AirPlaySync

0x7fff3bd89000 - 0x7fff3bdd4fff com.apple.Safari.SafeBrowsing (16610 - 16610.2.11.51.8) <A52DC583-6F27-3644-B9CC-8D31189055CB> /System/Library/PrivateFrameworks/SafariSafeBrowsing.framework/Versions/A/SafariSafeBrowsing

0x7fff3bdd5000 - 0x7fff3c54efff com.apple.WebKit (16610 - 16610.2.11.51.8) <699AD68C-88FF-352B-A38C-5757D8BF99D6> /System/Library/Frameworks/WebKit.framework/Versions/A/WebKit

0x7fff3c675000 - 0x7fff3c6f8fff com.apple.CorePDF (4.0 - 529) <9A251E70-A7A4-312C-9FAD-392F7D6B1A03> /System/Library/PrivateFrameworks/CorePDF.framework/Versions/A/CorePDF

0x7fff3c6f9000 - 0x7fff3c6fcfff com.apple.print.framework.Print (15 - 271) <47A826E5-8E5F-3B20-9131-58D9F94C58B6> /System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Print.framework/Versions/A/Print

0x7fff3c6fd000 - 0x7fff3c700fff com.apple.Carbon (160 - 164) <DE2A89F4-03DF-3E98-8C90-48C095DA3FDC> /System/Library/Frameworks/Carbon.framework/Versions/A/Carbon

0x7fff3c7f0000 - 0x7fff3c7f0fff com.apple.avfoundation (2.0 - 1997.1) <670AECF2-0E56-3F99-90A6-F6D82C0D2F5F> /System/Library/Frameworks/AVFoundation.framework/Versions/A/AVFoundation

0x7fff3c911000 - 0x7fff3c970fff libquic.dylib (2288.40.53) <E4BED774-C66B-3598-A044-0D003E57A1AE> /usr/lib/libquic.dylib

0x7fff3c97b000 - 0x7fff3c99afff com.apple.private.SystemPolicy (1.0 - 1) <10BDB417-5EFA-348A-9DB7-154F4BC4136D> /System/Library/PrivateFrameworks/SystemPolicy.framework/Versions/A/SystemPolicy

0x7fff3cb4a000 - 0x7fff3cb67fff com.apple.sidecar-core (1.0 - 228) <BDC5714E-4AEF-3220-BE47-ED9F7F0153D3> /System/Library/PrivateFrameworks/SidecarCore.framework/Versions/A/SidecarCore

0x7fff3cb68000 - 0x7fff3cb6ffff com.apple.QuickLookNonBaseSystem (1.0 - 1) <893C5A7E-F3B9-3E8D-95F2-81B478F1920C> /System/Library/PrivateFrameworks/QuickLookNonBaseSystem.framework/Versions/A/QuickLookNonBaseSystem

0x7fff3cf8f000 - 0x7fff3cf93fff com.apple.CoreOptimization (1.0 - 1) <301E6496-255F-39F3-A92A-9C96FA2E600B> /System/Library/PrivateFrameworks/CoreOptimization.framework/Versions/A/CoreOptimization

0x7fff3cf94000 - 0x7fff3cf9afff com.apple.FeatureFlagsSupport (1.0 - 28.40.2) <55354483-B6E8-3B2F-99C5-6264D1F7D9EE> /System/Library/PrivateFrameworks/FeatureFlagsSupport.framework/Versions/A/FeatureFlagsSupport

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MallocStackLogging  
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1.2) <7C700913-F0F8-36C6-8B36-2BB9D10B0C55> /System/Library/  
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CoreHandwriting  
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Frameworks/Quartz.framework/Versions/A/Frameworks/  
ImageKit.framework/Versions/A/ImageKit  
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16610.2.11.51.8) <2DA5189B-3C89-3A58-B295-90AB21844F93> /  
System/Library/PrivateFrameworks/WebInspectorUI.framework/Versions/A/  
WebInspectorUI  
0x7fff3ddd0000 - 0x7fff3de32fff com.apple.ImageCaptureCore  
(1707 - 1707) <B031EB94-9DD9-3EA9-9867-07E0CEBDA64C> /System/  
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97) <C8B9C6A8-51B1-3151-A027-C71750986632> /System/Library/  
Frameworks/Quartz.framework/Versions/A/Frameworks/  
QuartzFilters.framework/Versions/A/QuartzFilters  
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383.3) <65DFFA3C-D9FC-36FA-A49F-921B4A685CDD> /System/Library/  
PrivateFrameworks/AnnotationKit.framework/Versions/A/AnnotationKit  
0x7fff3e72e000 - 0x7fff3ebcffff com.apple.QuartzComposer (5.1 -  
383) <7E88F409-F7AA-3E52-AC5D-AA86D8AA16A8> /System/Library/  
Frameworks/Quartz.framework/Versions/A/Frameworks/  
QuartzComposer.framework/Versions/A/QuartzComposer  
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0x7fff40abd000 - 0x7fff40ac0fff com.apple.quartzframework (1.5 -  
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Frameworks/Quartz.framework/Versions/A/Quartz  
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Frameworks/Accelerate.framework/Versions/A/Frameworks/  
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64541.5.1) <640AAE2D-353D-3009-A7A2-55AE3F965398> /System/  
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<DAD8F910-3AA0-3F1E-BF60-E64974136CF5> /System/Library/  
Extensions/AppleIntelBDWGraphicsGLDriver.bundle/Contents/MacOS/  
AppleIntelBDWGraphicsGLDriver  
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Frameworks/OpenGL.framework/Versions/A/Libraries/  
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0x7fff6b3c8000 - 0x7fff6b3d7fff com.apple.opengl (18.0.50 -  
18.0.50) <245D7013-B161-397D-9989-500B639ECDF3> /System/Library/  
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Library/Frameworks/OpenGL.framework/Versions/A/Libraries/  
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Library/Frameworks/OpenGL.framework/Versions/A/Libraries/  
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Frameworks/OpenGL.framework/Versions/A/Resources/GLEngine.bundle/  
GLEngine  
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Frameworks/OpenGL.framework/Versions/A/Resources/  
GLRendererFloat.bundle/GLRendererFloat  
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Frameworks/OpenCL.framework/Versions/A/OpenCL  
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Frameworks/AGL.framework/Versions/A/AGL  
0x7fff73c93000 - 0x7fff73c9efff com.apple.SymptomAnalytics (1.0 -  
1431.40.36) <0C3716C0-0874-3448-B56E-B238CF1AAD6D> /System/  
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SymptomAnalytics.framework/Versions/A/SymptomAnalytics  
0x7fff73ebc000 - 0x7fff73ed4fff  
com.apple.SymptomPresentationFeed (1.0 - 1431.40.36)  
<1F4A2B20-8F17-3288-80E0-9BF955F2C687> /System/Library/  
PrivateFrameworks/Symptoms.framework/Frameworks/  
SymptomPresentationFeed.framework/Versions/A/  
SymptomPresentationFeed  
0x7fff78395000 - 0x7fff7839cfff libRosetta.dylib (203.1.3)  
<5EC28751-3BE8-3BB7-9DBE-305225CBD41B> /usr/lib/libRosetta.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: 237586  
 thread\_create: 0  
 thread\_set\_state: 0

VM Region Summary:

ReadOnly portion of Libraries: Total=992.8M resident=0K(0%)  
 swapped\_out\_or\_unallocated=992.8M(100%)  
 Writable regions: Total=1.3G written=0K(0%) resident=0K(0%)  
 swapped\_out=0K(0%) unallocated=1.3G(100%)

REGION TYPE	SIZE	COUNT (non-coalesced)		
Activity Tracing	256K	1		
CG backing stores	3240K	6		
CoreAnimation	4560K	1		
CoreGraphics	12K	2		
Foundation	16K	1		
Kernel Alloc Once	8K	1		
MALLOC	964.0M	3712		
MALLOC guard page	48K	12		
MALLOC_NANO (reserved) space (unallocated)	384.0M	1	reserved VM address	
STACK GUARD	56.0M	6		
Stack	10.5M	6		
VM_ALLOCATE	1228K	41		
__CTF	759	1		
__DATA	26.0M	481		
__DATA_CONST	24.1M	263		
__DATA_DIRTY	1257K	168		
__FONT_DATA	4K	1		
__GLSLBUILTINS	5176K	1		
__LINKEDIT	496.4M	54		
__OBJC_RO	61.0M	1		
__OBJC_RW	2468K	2		
__TEXT	496.5M	474		

__UNICODE	588K	1	
libnetwork	1152K	16	
mapped file	86.3M	34	
shared memory	44K	5	
=====	=====	=====	
TOTAL	2.6G	5292	
TOTAL, minus reserved VM space	2.2G	5292	

Model: MacBookPro12,1, BootROM 424.0.0.0.0, 2 processors, Dual-Core Intel Core i5, 2,7 GHz, 16 GB, SMC 2.28f7

Graphics: kHW\_IntelIris6100Item, Intel Iris Graphics 6100, spdisplays\_builtin

Memory Module: BANK 0/DIMM0, 8 GB, DDR3, 1867 MHz, 0x80CE, 0x4B3445424533303445422D45474346202020

Memory Module: BANK 1/DIMM0, 8 GB, DDR3, 1867 MHz, 0x80CE, 0x4B3445424533303445422D45474346202020

AirPort: spairport\_wireless\_card\_type\_airport\_extreme (0x14E4, 0x133), Broadcom BCM43xx 1.0 (7.77.111.1 AirPortDriverBrcmNIC-1669)

Bluetooth: Version 8.0.1f5, 3 services, 27 devices, 1 incoming serial ports

Network Service: RNDIS/Ethernet Gadget, Ethernet, en4

Network Service: Wi-Fi, AirPort, en0

Serial ATA Device: APPLE SSD SM0256G, 251 GB

USB Device: USB 3.0 Bus

USB Device: Bluetooth USB Host Controller

Thunderbolt Bus: MacBook Pro, Apple Inc., 27.1