

Process: PixInsight [2783]
Path: /Applications/PixInsight/PixInsight.app/Contents/MacOS/
PixInsight
Identifier: software.pleiades.PixInsight
Version: 1.8.8-6 (1.8.8-6)
Code Type: X86-64 (Native)
Parent Process: ??? [1]
Responsible: PixInsight [2783]
User ID: 501

Date/Time: 2020-11-16 17:40:17.295 +0100
OS Version: Mac OS X 10.15.7 (19H2)
Report Version: 12
Anonymous UUID: EF874843-AAAD-23D5-7026-03522CCF6E5B

Time Awake Since Boot: 86000 seconds

System Integrity Protection: disabled

Crashed Thread: 28 pi::APIThread

Exception Type: EXC_BAD_ACCESS (SIGABRT)
Exception Codes: KERN_PROTECTION_FAILURE at 0x0000700009b02ffc
Exception Note: EXC_CORPSE_NOTIFY

VM Regions Near 0x700009b02ffc:

Stack 0000700009a80000-0000700009b02000 [520K] rw-/rwx
SM=COW thread 27
--> STACK GUARD 0000700009b02000-0000700009b03000 [4K]
---/rwx SM=NUL stack guard for thread 28
Stack 0000700009b03000-0000700009b85000 [520K] rw-/rwx
SM=COW thread 28

Application Specific Information:

abort() called

terminating with uncaught exception of type pcl::EUnixBusError

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

0 libsystem_kernel.dylib 0x00007fff6b3bd882 __psynch_cvwait + 10
1 libsystem_pthread.dylib 0x00007fff6b482425 _pthread_cond_wait +
698
2 org.qt-project.QtCore 0x000000010ba67b29 0x10ba3f000 +
166697

```

3  org.qt-project.QtCore          0x0000000010ba6789e 0x10ba3f000 +
166046
4  org.qt-project.QtCore          0x0000000010ba67813
QWaitCondition::wait(QMutex*, QDeadlineTimer) + 83
5  org.qt-project.QtCore          0x0000000010ba60781
QThread::wait(QDeadlineTimer) + 209
6  org.qt-project.QtCore          0x0000000010ba5f240
QThread::wait(unsigned long) + 48
7  software.pleiades.PixInsight    0x00000000108adbc42 0x1089e0000 +
1031234
8  NoiseReduction-pxm.dylib       0x0000000014ccb108c
pcl::Thread::Wait(unsigned int) + 28
9  NoiseReduction-pxm.dylib       0x0000000014cbabdfb void
pcl::AbstractImage::RunThreads<pcl::ACDNREngine::ACDNRThread<pcl::FloatP
ixelTraits>
>(pcl::ReferenceArray<pcl::ACDNREngine::ACDNRThread<pcl::FloatPixelTraits>
, pcl::StandardAllocator>&, pcl::AbstractImage::ThreadData&, bool) + 299
10 NoiseReduction-pxm.dylib       0x0000000014cba636e void
pcl::ACDNREngine::Apply<pcl::FloatPixelTraits>(pcl::GenericImage<pcl::FloatPi
xelTraits>&, pcl::String const&, pcl::ACDNRInstance::ParameterSet const&,
pcl::KernelFilter const&, pcl::GenericImage<pcl::UInt16PixelTraits> const&) +
1038
11 NoiseReduction-pxm.dylib       0x0000000014cb8c292 void
pcl::ACDNREngine::ApplyLC<pcl::FloatPixelTraits>(pcl::GenericImage<pcl::Flea
tPixelTraits>&, int, int, pcl::ACDNRInstance const&, bool) + 610
12 NoiseReduction-pxm.dylib       0x0000000014cb89002
pcl::ACDNRInstance::ExecuteOn(pcl::View&) + 514
13 NoiseReduction-pxm.dylib       0x0000000014cc6ec7c
pcl::ProcessContextDispatcher::ExecuteProcess(void*, void*) + 92
14 software.pleiades.PixInsight    0x0000000010965a1e7 0x1089e0000 +
13083111
15 software.pleiades.PixInsight    0x00000000109674589 0x1089e0000 +
13190537
16 software.pleiades.PixInsight    0x00000000108a6047f 0x1089e0000 +
525439
17 NoiseReduction-pxm.dylib       0x0000000014cc7a9e8
pcl::InterfaceDispatcher::ApplyInstance(void*) + 24
18 software.pleiades.PixInsight    0x000000001096a8bdf 0x1089e0000 +
13405151
19 org.qt-project.QtCore          0x0000000010bc7225f 0x10ba3f000 +
2306655
20 org.qt-project.QtWidgets        0x0000000010ad2a46f 0x10ac32000 +
1016943
21 org.qt-project.QtWidgets        0x0000000010ad2a2e9 0x10ac32000 +
1016553
22 org.qt-project.QtWidgets        0x0000000010ad2b49c

```

QAbstractButton::mouseReleaseEvent(QMouseEvent*) + 268
 23 org.qt-project.QtWidgets 0x000000010ae26cff
 QToolButton::mouseReleaseEvent(QMouseEvent*) + 15
 24 org.qt-project.QtWidgets 0x000000010ac7c3ea
 QWidget::event(QEvent*) + 442
 25 org.qt-project.QtWidgets 0x000000010ae2728f
 QToolButton::event(QEvent*) + 319
 26 org.qt-project.QtWidgets 0x000000010ac42b26
 QApplicationPrivate::notify_helper(QObject*, QEvent*) + 262
 27 org.qt-project.QtWidgets 0x000000010ac45b28
 QApplication::notify(QObject*, QEvent*) + 7688
 28 software.pleiades.PixInsight 0x0000000108b19c24 0x1089e0000 +
 1285156
 29 org.qt-project.QtCore 0x000000010bc3fad4
 QCoreApplication::notifyInternal2(QObject*, QEvent*) + 212
 30 org.qt-project.QtWidgets 0x000000010ac43447
 QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*,
 QWidget*, QWidget**, QPointer<QWidget>&, bool, bool) + 903
 31 org.qt-project.QtWidgets 0x000000010ac9b4de 0x10ac32000 +
 431326
 32 org.qt-project.QtWidgets 0x000000010ac99c5a 0x10ac32000 +
 425050
 33 org.qt-project.QtWidgets 0x000000010ac42b26
 QApplicationPrivate::notify_helper(QObject*, QEvent*) + 262
 34 org.qt-project.QtWidgets 0x000000010ac43f65
 QApplication::notify(QObject*, QEvent*) + 581
 35 software.pleiades.PixInsight 0x0000000108b19c24 0x1089e0000 +
 1285156
 36 org.qt-project.QtCore 0x000000010bc3fad4
 QCoreApplication::notifyInternal2(QObject*, QEvent*) + 212
 37 org.qt-project.QtGui 0x000000010b247d79
 QGuiApplicationPrivate::processMouseEvent(QWindowSystemInterfacePrivate::
 MouseEvent*) + 3353
 38 org.qt-project.QtGui 0x000000010b22cf1b
 QWindowSystemInterface::sendWindowSystemEvents(QFlags<QEventLoop::Pr
 ocessEventsFlag>) + 235
 39 libqcocoa.dylib 0x000000010cc07f98 0x10cbcf000 + 233368
 40 com.apple.CoreFoundation 0x00007fff31155884
 __CFRUNLOOP_IS_CALLING_OUT_TO_A_SOURCE0_PERFORM_FUNCTION__ + 17
 41 com.apple.CoreFoundation 0x00007fff31155823
 __CFRunLoopDoSource0 + 103
 42 com.apple.CoreFoundation 0x00007fff3115563d
 __CFRunLoopDoSources0 + 209
 43 com.apple.CoreFoundation 0x00007fff31154359 __CFRunLoopRun +
 937
 44 com.apple.CoreFoundation 0x00007fff31153953

```

CFRunLoopRunSpecific + 466
45 com.apple.HIToolbox      0x00007fff2fd6eabd
RunCurrentEventLoopInMode + 292
46 com.apple.HIToolbox      0x00007fff2fd6e6f4
ReceiveNextEventCommon + 359
47 com.apple.HIToolbox      0x00007fff2fd6e579
_BlockUntilNextEventMatchingListInModeWithFilter + 64
48 com.apple.AppKit         0x00007fff2e3b4039 _DPSNextEvent + 883
49 com.apple.AppKit         0x00007fff2e3b2880 -
[NSApplication(NSEvent)
_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1352
50 com.apple.AppKit         0x00007fff2e3a458e -[NSApplication run] +
658
51 libqcocoa.dylib          0x000000010cc06d24 0x10cbbcf000 + 228644
52 org.qt-project.QtCore     0x000000010bc3bca7
QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) + 439
53 org.qt-project.QtCore     0x000000010bc40062
QCoreApplication::exec() + 130
54 software.pleiades.PixInsight 0x0000000108b33769 0x1089e0000 +
1390441
55 libdyld.dylib            0x00007fff6b279cc9 start + 1

```

Thread 1:: pi::PixInsightWatchDog

```

0 libsystem_kernel.dylib    0x00007fff6b3bd756 __semwait_signal + 10
1 libsystem_c.dylib         0x00007fff6b340eea nanosleep + 196
2 org.qt-project.QtCore     0x000000010bc9fc0b 0x10ba3f000 +
2493451
3 software.pleiades.PixInsight 0x0000000108b28736 0x1089e0000 +
1345334
4 org.qt-project.QtCore     0x000000010ba5fdf9 0x10ba3f000 +
134649
5 libsystem_pthread.dylib    0x00007fff6b482109 _pthread_start + 148
6 libsystem_pthread.dylib    0x00007fff6b47db8b thread_start + 15

```

Thread 2:: ThreadPoolServiceThread

```

0 libsystem_kernel.dylib    0x00007fff6b3c3b96 kevent64 + 10
1 org.qt-project.Qt.QtWebEngineCore 0x0000000110d54a0d 0x10e4f8000 +
42322445
2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d54873 0x10e4f8000 +
42322035
3 org.qt-project.Qt.QtWebEngineCore 0x0000000110cd9481 0x10e4f8000 +
41817217
4 org.qt-project.Qt.QtWebEngineCore 0x0000000110c9f099 0x10e4f8000 +
41578649
5 org.qt-project.Qt.QtWebEngineCore 0x0000000110ce2374 0x10e4f8000 +
41853812

```

6 org.qt-project.Qt.QtWebEngineCore 0x0000000110cf6f3b 0x10e4f8000 + 41938747
7 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 + 42243479
8 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148
9 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 3:: ThreadPoolForegroundWorker

0 libsystem_kernel.dylib 0x00007fff6b3badfa mach_msg_trap + 10
1 libsystem_kernel.dylib 0x00007fff6b3bb170 mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d49325 0x10e4f8000 + 42275621
3 org.qt-project.Qt.QtWebEngineCore 0x0000000110cee978 0x10e4f8000 + 41904504
4 org.qt-project.Qt.QtWebEngineCore 0x0000000110cef21b 0x10e4f8000 + 41906715
5 org.qt-project.Qt.QtWebEngineCore 0x0000000110ceeed4 0x10e4f8000 + 41905876
6 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 + 42243479
7 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148
8 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 4:: ThreadPoolBackgroundWorker

0 libsystem_kernel.dylib 0x00007fff6b3badfa mach_msg_trap + 10
1 libsystem_kernel.dylib 0x00007fff6b3bb170 mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d49325 0x10e4f8000 + 42275621
3 org.qt-project.Qt.QtWebEngineCore 0x0000000110cee978 0x10e4f8000 + 41904504
4 org.qt-project.Qt.QtWebEngineCore 0x0000000110cef21b 0x10e4f8000 + 41906715
5 org.qt-project.Qt.QtWebEngineCore 0x0000000110ceee44 0x10e4f8000 + 41905732
6 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 + 42243479
7 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148
8 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 5:: Chrome_IOThread

0 libsystem_kernel.dylib 0x00007fff6b3c3b96 kevent64 + 10
1 org.qt-project.Qt.QtWebEngineCore 0x0000000110d54a0d 0x10e4f8000 + 42322445
2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d54873 0x10e4f8000 + 42322035
3 org.qt-project.Qt.QtWebEngineCore 0x0000000110cd9481 0x10e4f8000 +

41817217

4 org.qt-project.Qt.QtWebEngineCore 0x0000000110c9f099 0x10e4f8000 + 41578649

5 org.qt-project.Qt.QtWebEngineCore 0x0000000114dc2e34 0x10e4f8000 + 109882932

6 org.qt-project.Qt.QtWebEngineCore 0x0000000110cf6f3b 0x10e4f8000 + 41938747

7 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 + 42243479

8 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148

9 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 6:: NetworkConfigWatcher

0 libsystem_kernel.dylib 0x00007fff6b3badfa mach_msg_trap + 10

1 libsystem_kernel.dylib 0x00007fff6b3bb170 mach_msg + 60

2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d49325 0x10e4f8000 + 42275621

3 org.qt-project.Qt.QtWebEngineCore 0x0000000110d4911f 0x10e4f8000 + 42275103

4 org.qt-project.Qt.QtWebEngineCore 0x0000000110c73815 0x10e4f8000 + 41400341

5 org.qt-project.Qt.QtWebEngineCore 0x0000000110cd9481 0x10e4f8000 + 41817217

6 org.qt-project.Qt.QtWebEngineCore 0x0000000110c9f099 0x10e4f8000 + 41578649

7 org.qt-project.Qt.QtWebEngineCore 0x0000000110cf6f3b 0x10e4f8000 + 41938747

8 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 + 42243479

9 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148

10 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 7:: CompositorTileWorker1

0 libsystem_kernel.dylib 0x00007fff6b3bd882 __psynch_cvwait + 10

1 libsystem_pthread.dylib 0x00007fff6b482425 _pthread_cond_wait + 698

2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d403f8 0x10e4f8000 + 42238968

3 org.qt-project.Qt.QtWebEngineCore 0x00000001120ec80d 0x10e4f8000 + 62867469

4 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 + 42243479

5 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148

6 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 8:: Chrome_InProcGpuThread

```
0 libsystem_kernel.dylib          0x00007fff6b3badfa mach_msg_trap + 10
1 libsystem_kernel.dylib          0x00007fff6b3bb170 mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d49325 0x10e4f8000 +
42275621
3 org.qt-project.Qt.QtWebEngineCore 0x0000000110d4911f 0x10e4f8000 +
42275103
4 org.qt-project.Qt.QtWebEngineCore 0x0000000110c73815 0x10e4f8000 +
41400341
5 org.qt-project.Qt.QtWebEngineCore 0x0000000110cd9481 0x10e4f8000 +
41817217
6 org.qt-project.Qt.QtWebEngineCore 0x0000000110c9f099 0x10e4f8000 +
41578649
7 org.qt-project.Qt.QtWebEngineCore 0x0000000110cf6f3b 0x10e4f8000 +
41938747
8 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 +
42243479
9 libsystem_pthread.dylib         0x00007fff6b482109 _pthread_start + 148
10 libsystem_pthread.dylib         0x00007fff6b47db8b thread_start + 15
```

Thread 9:: Chrome_ChildIOThread

```
0 libsystem_kernel.dylib          0x00007fff6b3c3b96 kevent64 + 10
1 org.qt-project.Qt.QtWebEngineCore 0x0000000110d54a0d 0x10e4f8000 +
42322445
2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d54873 0x10e4f8000 +
42322035
3 org.qt-project.Qt.QtWebEngineCore 0x0000000110cd9481 0x10e4f8000 +
41817217
4 org.qt-project.Qt.QtWebEngineCore 0x0000000110c9f099 0x10e4f8000 +
41578649
5 org.qt-project.Qt.QtWebEngineCore 0x0000000110cf6f3b 0x10e4f8000 +
41938747
6 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 +
42243479
7 libsystem_pthread.dylib         0x00007fff6b482109 _pthread_start + 148
8 libsystem_pthread.dylib         0x00007fff6b47db8b thread_start + 15
```

Thread 10:: NetworkConfigWatcher

```
0 libsystem_kernel.dylib          0x00007fff6b3badfa mach_msg_trap + 10
1 libsystem_kernel.dylib          0x00007fff6b3bb170 mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d49325 0x10e4f8000 +
42275621
3 org.qt-project.Qt.QtWebEngineCore 0x0000000110d4911f 0x10e4f8000 +
42275103
4 org.qt-project.Qt.QtWebEngineCore 0x0000000110c73815 0x10e4f8000 +
41400341
5 org.qt-project.Qt.QtWebEngineCore 0x0000000110cd9481 0x10e4f8000 +
```

41817217

6 org.qt-project.Qt.QtWebEngineCore 0x0000000110c9f099 0x10e4f8000 + 41578649

7 org.qt-project.Qt.QtWebEngineCore 0x0000000110cf6f3b 0x10e4f8000 + 41938747

8 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 + 42243479

9 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148

10 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 11:: VizCompositorThread

0 libsystem_kernel.dylib 0x00007fff6b3badfa mach_msg_trap + 10

1 libsystem_kernel.dylib 0x00007fff6b3bb170 mach_msg + 60

2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d49325 0x10e4f8000 + 42275621

3 org.qt-project.Qt.QtWebEngineCore 0x0000000110d4911f 0x10e4f8000 + 42275103

4 org.qt-project.Qt.QtWebEngineCore 0x0000000110c73815 0x10e4f8000 + 41400341

5 org.qt-project.Qt.QtWebEngineCore 0x0000000110cd9481 0x10e4f8000 + 41817217

6 org.qt-project.Qt.QtWebEngineCore 0x0000000110c9f099 0x10e4f8000 + 41578649

7 org.qt-project.Qt.QtWebEngineCore 0x0000000110cf6f3b 0x10e4f8000 + 41938747

8 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 + 42243479

9 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148

10 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 12:: com.apple.NSEventThread

0 libsystem_kernel.dylib 0x00007fff6b3badfa mach_msg_trap + 10

1 libsystem_kernel.dylib 0x00007fff6b3bb170 mach_msg + 60

2 com.apple.CoreFoundation 0x00007fff31155a27

__CFRunLoopServiceMachPort + 247

3 com.apple.CoreFoundation 0x00007fff311544e1 __CFRunLoopRun + 1329

4 com.apple.CoreFoundation 0x00007fff31153953

CFRunLoopRunSpecific + 466

5 com.apple.AppKit 0x00007fff2e555954 _NSEventThread + 132

6 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148

7 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 13:: QFileInfoGatherer

0 libsystem_kernel.dylib 0x00007fff6b3bd882 __psynch_cvwait + 10

1 libsystem_pthread.dylib 0x00007fff6b482425 _pthread_cond_wait +

698

```
2  org.qt-project.QtCore          0x0000000010ba6787b 0x10ba3f000 +
166011
3  org.qt-project.QtCore          0x0000000010ba67813
QWaitCondition::wait(QMutex*, QDeadlineTimer) + 83
4  org.qt-project.QtWidgets       0x0000000010ae71ba8
QFileInfoGatherer::run() + 152
5  org.qt-project.QtCore          0x0000000010ba5fdf9 0x10ba3f000 +
134649
6  libsystem_pthread.dylib        0x00007fff6b482109 _pthread_start + 148
7  libsystem_pthread.dylib        0x00007fff6b47db8b thread_start + 15
```

Thread 14:: NetworkConfigWatcher

```
0  libsystem_kernel.dylib         0x00007fff6b3badfa mach_msg_trap + 10
1  libsystem_kernel.dylib         0x00007fff6b3bb170 mach_msg + 60
2  org.qt-project.Qt.QtWebEngineCore 0x00000000110d49325 0x10e4f8000 +
42275621
3  org.qt-project.Qt.QtWebEngineCore 0x00000000110d4911f 0x10e4f8000 +
42275103
4  org.qt-project.Qt.QtWebEngineCore 0x00000000110c73815 0x10e4f8000 +
41400341
5  org.qt-project.Qt.QtWebEngineCore 0x00000000110cd9481 0x10e4f8000 +
41817217
6  org.qt-project.Qt.QtWebEngineCore 0x00000000110c9f099 0x10e4f8000 +
41578649
7  org.qt-project.Qt.QtWebEngineCore 0x00000000110cf6f3b 0x10e4f8000 +
41938747
8  org.qt-project.Qt.QtWebEngineCore 0x00000000110d41597 0x10e4f8000 +
42243479
9  libsystem_pthread.dylib        0x00007fff6b482109 _pthread_start + 148
10 libsystem_pthread.dylib        0x00007fff6b47db8b thread_start + 15
```

Thread 15:: ThreadPoolSingleThreadForegroundBlocking0

```
0  libsystem_kernel.dylib         0x00007fff6b3badfa mach_msg_trap + 10
1  libsystem_kernel.dylib         0x00007fff6b3bb170 mach_msg + 60
2  org.qt-project.Qt.QtWebEngineCore 0x00000000110d49325 0x10e4f8000 +
42275621
3  org.qt-project.Qt.QtWebEngineCore 0x00000000110d4911f 0x10e4f8000 +
42275103
4  org.qt-project.Qt.QtWebEngineCore 0x00000000110cee96a 0x10e4f8000 +
41904490
5  org.qt-project.Qt.QtWebEngineCore 0x00000000110cef21b 0x10e4f8000 +
41906715
6  org.qt-project.Qt.QtWebEngineCore 0x00000000110ceef34 0x10e4f8000 +
41905972
7  org.qt-project.Qt.QtWebEngineCore 0x00000000110d41597 0x10e4f8000 +
```

42243479

8 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148
9 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 16:: CacheThread_BlockFile

0 libsystem_kernel.dylib 0x00007fff6b3c3b96 kevent64 + 10
1 org.qt-project.Qt.QtWebEngineCore 0x0000000110d54a0d 0x10e4f8000 + 42322445
2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d54873 0x10e4f8000 + 42322035
3 org.qt-project.Qt.QtWebEngineCore 0x0000000110cd9481 0x10e4f8000 + 41817217
4 org.qt-project.Qt.QtWebEngineCore 0x0000000110c9f099 0x10e4f8000 + 41578649
5 org.qt-project.Qt.QtWebEngineCore 0x0000000110cf6f3b 0x10e4f8000 + 41938747
6 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 + 42243479
7 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148
8 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 17:: ThreadPoolSingleThreadSharedBackgroundBlocking1

0 libsystem_kernel.dylib 0x00007fff6b3badfa mach_msg_trap + 10
1 libsystem_kernel.dylib 0x00007fff6b3bb170 mach_msg + 60
2 org.qt-project.Qt.QtWebEngineCore 0x0000000110d49325 0x10e4f8000 + 42275621
3 org.qt-project.Qt.QtWebEngineCore 0x0000000110d4911f 0x10e4f8000 + 42275103
4 org.qt-project.Qt.QtWebEngineCore 0x0000000110cee96a 0x10e4f8000 + 41904490
5 org.qt-project.Qt.QtWebEngineCore 0x0000000110ceefc3 0x10e4f8000 + 41906115
6 org.qt-project.Qt.QtWebEngineCore 0x0000000110ceee74 0x10e4f8000 + 41905780
7 org.qt-project.Qt.QtWebEngineCore 0x0000000110d41597 0x10e4f8000 + 42243479
8 libsystem_pthread.dylib 0x00007fff6b482109 _pthread_start + 148
9 libsystem_pthread.dylib 0x00007fff6b47db8b thread_start + 15

Thread 18:

0 libsystem_pthread.dylib 0x00007fff6b47db68 start_wqthread + 0

Thread 19:: Dispatch queue: com.apple.root.user-interactive-qos

0 libsystem_kernel.dylib 0x00007fff6b3bc516 kevent_id + 10
1 libdispatch.dylib 0x00007fff6b23b8b9 _dispatch_kq_poll + 163
2 libdispatch.dylib 0x00007fff6b23c3aa

```

_dispatch_event_loop_wait_for_ownership + 476
3  libdispatch.dylib          0x00007fff6b22c930
__DISPATCH_WAIT_FOR_QUEUE__ + 270
4  libdispatch.dylib          0x00007fff6b22c593 _dispatch_sync_f_slow +
171
5  com.apple.AppKit           0x00007fff2e54bfe6 NSCGSDisableUpdates +
506
6  com.apple.AppKit           0x00007fff2e54bd02
NSCGSTransactionRunPreCommitActionsForOrder_ + 123
7  com.apple.AppKit           0x00007fff2e54bc5c
NSCGSTransactionRunPreCommitActions_ + 21
8  com.apple.AppKit           0x00007fff2e54bc33 __39+[_NSCGSTransaction
currentTransaction]_block_invoke.32 + 34
9  com.apple.QuartzCore        0x00007fff3cc4ce40
CA::Transaction::run_commit_handlers(CATransactionPhase) + 106
10 com.apple.QuartzCore        0x00007fff3cc4d796
CA::Context::commit_transaction(CA::Transaction*, double) + 2014
11 com.apple.QuartzCore        0x00007fff3cc4bcf0
CA::Transaction::commit() + 644
12 com.apple.AppKit           0x00007fff2e40c384
NSPerformVisuallyAtomicChange + 154
13 com.apple.AppKit           0x00007fff2e65b237 -[NSAnimation(NSInternal)
_advanceTimeWithDisplayLink:] + 172
14 com.apple.AppKit           0x00007fff2e5b8e34 -[NSScreenDisplayLink
_fire] + 180
15 com.apple.AppKit           0x00007fff2ed066c2
__NSRunLoopTimerCreateWithHandler_block_invoke + 34
16 com.apple.CoreFoundation    0x00007fff31170468
__CFRUNLOOP_IS_CALLING_OUT_TO_A_TIMER_CALLBACK_FUNCTION__ + 20
17 com.apple.CoreFoundation    0x00007fff3116ffce __CFRunLoopDoTimer +
872
18 com.apple.CoreFoundation    0x00007fff3116fab9 __CFRunLoopDoTimers
+ 322
19 com.apple.CoreFoundation    0x00007fff3115470d __CFRunLoopRun +
1885
20 com.apple.CoreFoundation    0x00007fff31153953
CFRunLoopRunSpecific + 466
21 com.apple.Foundation        0x00007fff338111c8 -
[NSRunLoop(NSRunLoop) runMode:beforeDate:] + 212
22 com.apple.AppKit           0x00007fff2e65b150 -
[NSAnimation(NSInternal) _runBlocking] + 344
23 com.apple.AppKit           0x00007fff2e65ae2d __42-
[NSAnimation(NSInternal) _runInNewThread]_block_invoke + 97
24 libdispatch.dylib          0x00007fff6b21f6c4
_dispatch_call_block_and_release + 12
25 libdispatch.dylib          0x00007fff6b220658 _dispatch_client_callout + 8

```

26	libdispatch.dylib	0x00007fff6b22eaa8	_dispatch_root_queue_drain + 663
27	libdispatch.dylib	0x00007fff6b22f097	_dispatch_worker_thread2 + 92
28	libsystem_pthread.dylib	0x00007fff6b47e9f7	_pthread_wqthread + 220
29	libsystem_pthread.dylib	0x00007fff6b47db77	start_wqthread + 15

Thread 20:: Dispatch queue: NSCGSDisableUpdates

0	libsystem_kernel.dylib	0x00007fff6b3bae4e	semaphore_timedwait_trap + 10
1	com.apple.SkyLight	0x00007fff60419342	CGSUpdateManager::enable_updates_common() + 302
2	com.apple.SkyLight	0x00007fff60419706	SLSReenableUpdateToken + 104
3	libdispatch.dylib	0x00007fff6b21f6c4	_dispatch_call_block_and_release + 12
4	libdispatch.dylib	0x00007fff6b220658	_dispatch_client_callout + 8
5	libdispatch.dylib	0x00007fff6b225c44	_dispatch_lane_serial_drain + 597
6	libdispatch.dylib	0x00007fff6b2265d6	_dispatch_lane_invoke + 363
7	libdispatch.dylib	0x00007fff6b22fc09	_dispatch_workloop_worker_thread + 596
8	libsystem_pthread.dylib	0x00007fff6b47ea3d	_pthread_wqthread + 290
9	libsystem_pthread.dylib	0x00007fff6b47db77	start_wqthread + 15

Thread 21:: ThreadPoolForegroundWorker

0	libsystem_kernel.dylib	0x00007fff6b3badfa	mach_msg_trap + 10
1	libsystem_kernel.dylib	0x00007fff6b3bb170	mach_msg + 60
2	org.qt-project.Qt.QtWebEngineCore	0x0000000110d49325	0x10e4f8000 + 42275621
3	org.qt-project.Qt.QtWebEngineCore	0x0000000110cee978	0x10e4f8000 + 41904504
4	org.qt-project.Qt.QtWebEngineCore	0x0000000110ceefc3	0x10e4f8000 + 41906115
5	org.qt-project.Qt.QtWebEngineCore	0x0000000110ceeed4	0x10e4f8000 + 41905876
6	org.qt-project.Qt.QtWebEngineCore	0x0000000110d41597	0x10e4f8000 + 42243479
7	libsystem_pthread.dylib	0x00007fff6b482109	_pthread_start + 148
8	libsystem_pthread.dylib	0x00007fff6b47db8b	thread_start + 15

Thread 22:: Thread (pooled)

0	libsystem_kernel.dylib	0x00007fff6b3bd882	__psynch_cvwait + 10
---	------------------------	--------------------	----------------------

1	libsystem_pthread.dylib	0x00007fff6b482425 _pthread_cond_wait + 698
2	org.qt-project.QtCore	0x000000010ba67b29 0x10ba3f000 + 166697
3	org.qt-project.QtCore	0x000000010ba6789e 0x10ba3f000 + 166046
4	org.qt-project.QtCore	0x000000010ba67813 QWaitCondition::wait(QMutex*, QDeadlineTimer) + 83
5	org.qt-project.QtCore	0x000000010ba642dd 0x10ba3f000 + 152285
6	org.qt-project.QtCore	0x000000010ba5fdf9 0x10ba3f000 + 134649
7	libsystem_pthread.dylib	0x00007fff6b482109 _pthread_start + 148
8	libsystem_pthread.dylib	0x00007fff6b47db8b thread_start + 15

Thread 23:: Thread (pooled)

0	libsystem_kernel.dylib	0x00007fff6b3bd882 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff6b482425 _pthread_cond_wait + 698
2	org.qt-project.QtCore	0x000000010ba67b29 0x10ba3f000 + 166697
3	org.qt-project.QtCore	0x000000010ba6789e 0x10ba3f000 + 166046
4	org.qt-project.QtCore	0x000000010ba67813 QWaitCondition::wait(QMutex*, QDeadlineTimer) + 83
5	org.qt-project.QtCore	0x000000010ba642dd 0x10ba3f000 + 152285
6	org.qt-project.QtCore	0x000000010ba5fdf9 0x10ba3f000 + 134649
7	libsystem_pthread.dylib	0x00007fff6b482109 _pthread_start + 148
8	libsystem_pthread.dylib	0x00007fff6b47db8b thread_start + 15

Thread 24:: Thread (pooled)

0	libsystem_kernel.dylib	0x00007fff6b3bd882 __psynch_cvwait + 10
1	libsystem_pthread.dylib	0x00007fff6b482425 _pthread_cond_wait + 698
2	org.qt-project.QtCore	0x000000010ba67b29 0x10ba3f000 + 166697
3	org.qt-project.QtCore	0x000000010ba6789e 0x10ba3f000 + 166046
4	org.qt-project.QtCore	0x000000010ba67813 QWaitCondition::wait(QMutex*, QDeadlineTimer) + 83
5	org.qt-project.QtCore	0x000000010ba642dd 0x10ba3f000 + 152285
6	org.qt-project.QtCore	0x000000010ba5fdf9 0x10ba3f000 + 134649

7	libsystem_pthread.dylib	0x00007fff6b482109 _pthread_start + 148
8	libsystem_pthread.dylib	0x00007fff6b47db8b thread_start + 15

Thread 25:

0	libsystem_pthread.dylib	0x00007fff6b47db68 start_wqthread + 0
---	-------------------------	---------------------------------------

Thread 26:: pi::APIThread

0	libsystem_kernel.dylib	0x00007fff6b3bd756 __semwait_signal + 10
1	libsystem_c.dylib	0x00007fff6b340eea nanosleep + 196
2	NoiseReduction-pxm.dylib	0x000000014ccac86d pcl::MonitorDispatcherThread::Run() + 141
3	NoiseReduction-pxm.dylib	0x000000014ccb0f5c pcl::ThreadDispatcher::RunThread(void*) + 28
4	software.pleiades.PixInsight	0x0000000108adaecf 0x1089e0000 + 1027791
5	org.qt-project.QtCore	0x000000010ba5fdf9 0x10ba3f000 + 134649
6	libsystem_pthread.dylib	0x00007fff6b482109 _pthread_start + 148
7	libsystem_pthread.dylib	0x00007fff6b47db8b thread_start + 15

Thread 27:: pi::APIThread

0	libsystem_kernel.dylib	0x00007fff6b3c04da __semwait_signal_nocancel + 10
1	libsystem_c.dylib	0x00007fff6b2d05e4 nanosleep\$NOCANCEL + 185
2	libsystem_c.dylib	0x00007fff6b2f5cf5 usleep\$NOCANCEL + 53
3	libsystem_c.dylib	0x00007fff6b348812 abort + 130
4	libc++abi.dylib	0x00007fff685af458 abort_message + 231
5	libc++abi.dylib	0x00007fff685a08bf demangling_terminate_handler() + 262
6	libobjc.A.dylib	0x00007fff6a0dba5f _objc_terminate() + 104
7	libc++abi.dylib	0x00007fff685ae887 std::__terminate(void (*)()) + 8
8	libc++abi.dylib	0x00007fff685b1b51 __cxxabiv1::call_terminate(bool, _Unwind_Exception*) + 35
9	libc++abi.dylib	0x00007fff685b1820 __cxxabiv1::scan_eh_tab(__cxxabiv1::(anonymous namespace)::scan_results& _Unwind_Action, bool, _Unwind_Exception*, _Unwind_Context*) + 516
10	libc++abi.dylib	0x00007fff685b1585 __gxx_personality_v0 + 181
11	libunwind.dylib	0x00007fff6b4afaa1 _Unwind_RaiseException + 149
12	libc++abi.dylib	0x00007fff685b1161 __cxa_throw + 105
13	software.pleiades.PixInsight	0x0000000109a3775c 0x1089e0000 + 17135452
14	libsystem_platform.dylib	0x00007fff6b4765fd _sigtramp + 29
15	???	0000000000000000 0 + 0

```
16 NoiseReduction-pxm.dylib      0x000000014ccb0f9a
pcl::ThreadDispatcher::RunThread(void*) + 90
17 software.pleiades.PixInsight  0x0000000108adaecf 0x1089e0000 +
1027791
18 org.qt-project.QtCore          0x000000010ba5fdf9 0x10ba3f000 +
134649
19 libsystem_pthread.dylib        0x00007fff6b482109 _pthread_start + 148
20 libsystem_pthread.dylib        0x00007fff6b47db8b thread_start + 15
```

Thread 28 Crashed:: pi::APIThread

```
0  libsystem_kernel.dylib          0x00007fff6b3c133a __pthread_kill + 10
1  libsystem_pthread.dylib         0x00007fff6b481e60 pthread_kill + 430
2  libsystem_c.dylib               0x00007fff6b3488a2 __abort + 139
3  libsystem_c.dylib               0x00007fff6b348817 abort + 135
4  libc++abi.dylib                 0x00007fff685af458 abort_message + 231
5  libc++abi.dylib                 0x00007fff685a08bf
demangling_terminate_handler() + 262
6  libobjc.A.dylib                 0x00007fff6a0dba5f _objc_terminate() + 104
7  libc++abi.dylib                 0x00007fff685ae887 std::__terminate(void (*)())
+ 8
8  libc++abi.dylib                 0x00007fff685b1b51
__cxxabiv1::call_terminate(bool, _Unwind_Exception*) + 35
9  libc++abi.dylib                 0x00007fff685b1820
__cxxabiv1::scan_eh_tab(__cxxabiv1::anonymous namespace)::scan_results&,
_Unwind_Action, bool, _Unwind_Exception*, _Unwind_Context*) + 516
10 libc++abi.dylib                 0x00007fff685b1585 __gxx_personality_v0 + 181
11 libunwind.dylib                 0x00007fff6b4afaa1 _Unwind_RaiseException +
149
12 libc++abi.dylib                 0x00007fff685b1161 __cxa_throw + 105
13 software.pleiades.PixInsight  0x0000000109a3775c 0x1089e0000 +
17135452
14 libsystem_platform.dylib        0x00007fff6b4765fd _sigtramp + 29
15 ???                             0000000000000000 0 + 0
16 NoiseReduction-pxm.dylib      0x000000014ccb0f9a
pcl::ThreadDispatcher::RunThread(void*) + 90
17 software.pleiades.PixInsight  0x0000000108adaecf 0x1089e0000 +
1027791
18 org.qt-project.QtCore          0x000000010ba5fdf9 0x10ba3f000 +
134649
19 libsystem_pthread.dylib        0x00007fff6b482109 _pthread_start + 148
20 libsystem_pthread.dylib        0x00007fff6b47db8b thread_start + 15
```

Thread 28 crashed with X86 Thread State (64-bit):

```
rax: 0x0000000000000000 rbx: 0x0000700009b83000 rcx:
0x0000700009b80f98 rdx: 0x0000000000000000
rdi: 0x00000000000006ebb rsi: 0x0000000000000006 rbp:
```

0x0000700009b80fc0 rsp: 0x0000700009b80f98
r8: 0x0000000000000000 r9: 0x0000000000989680 r10:
0x0000700009b83000 r11: 0x0000000000000246
r12: 0x00000000000006ebb r13: 0x0000003000000008 r14:
0x0000000000000006 r15: 0x0000000000000016
rip: 0x00007fff6b3c133a rfi: 0x0000000000000246 cr2:
0x0000000115f7d720

Logical CPU: 0
Error Code: 0x02000148
Trap Number: 133

Binary Images:

0x1089e0000 - 0x109e0bfff +software.pleiades.PixInsight (1.8.8-6 -
1.8.8-6) <368AD983-79FC-3828-94A8-7EAA297D2111> /Applications/
PixInsight/PixInsight.app/Contents/MacOS/PixInsight
0x109f86000 - 0x109fa2ffb +libidn2.0.dylib (0)
<958125FC-02D5-35DF-92A0-B988307E03EA> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/libidn2.0.dylib
0x109fac000 - 0x109fc4ffb +org.qt-project.QtSensors (5.15 - 5.15.0)
<B9F7CD45-B243-3959-9389-7DA0A2359081> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/QtSensors.framework/Versions/5/
QtSensors
0x109fe5000 - 0x10a048ff3 +org.qt-project.QtPositioning (5.15 -
5.15.0) <A339BF09-3C3E-3BB5-8E15-F32FCBA5B663> /Applications/
PixInsight/PixInsight.app/Contents/Frameworks/QtPositioning.framework/
Versions/5/QtPositioning
0x10a070000 - 0x10a081fff +org.qt-project.QtMultimediaWidgets (5.15
- 5.15.0) <F361A7A6-1664-3382-8037-A277F009CB37> /Applications/
PixInsight/PixInsight.app/Contents/Frameworks/
QtMultimediaWidgets.framework/Versions/5/QtMultimediaWidgets
0x10a09b000 - 0x10a117ffb +org.qt-project.QtMultimedia (5.15 -
5.15.0) <8B82A0DF-FCBB-3D47-9E78-599A0DFE7F59> /Applications/
PixInsight/PixInsight.app/Contents/Frameworks/QtMultimedia.framework/
Versions/5/QtMultimedia
0x10a174000 - 0x10a1a8fff +org.qt-project.QtOpenGL (5.15 - 5.15.0)
<74FA25CB-B86C-3714-BB4E-EE2D025ACF51> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/QtOpenGL.framework/Versions/5/
QtOpenGL
0x10a1d5000 - 0x10a1f6ffb +org.qt-project.QtSql (5.15 - 5.15.0)
<136C9805-ECA2-3308-A0FF-3F1C4FAF3B59> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/QtSql.framework/Versions/5/QtSql
0x10a215000 - 0x10a574fff +org.qt-project.QtQml (5.15 - 5.15.0)
<522EC0F0-CA35-34BD-B5D6-1F56FCB3A2EE> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/QtQml.framework/Versions/5/QtQml

0x10a633000 - 0x10a973ff3 +org.qt-project.QtQuick (5.15 - 5.15.0)
<85BC7857-D163-3FAD-BBC4-150B135B618B> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/QtQuick.framework/Versions/5/QtQuick

0x10aad9000 - 0x10aaf2fff +org.qt-project.QtWebChannel (5.15 -
5.15.0) <54BDD8F8-8D23-3375-B42D-D9DDF83AE1EE> /Applications/
PixInsight/PixInsight.app/Contents/Frameworks/QtWebChannel.framework/
Versions/5/QtWebChannel

0x10ab03000 - 0x10ab39ffb +org.qt-project.QtWebEngine (5.15 -
5.15.0) <C763EC04-4674-3E8A-96DF-6FA2CCA46903> /Applications/
PixInsight/PixInsight.app/Contents/Frameworks/QtWebEngine.framework/
Versions/5/QtWebEngine

0x10ab7c000 - 0x10ab9fff3 +org.qt-project.QtWebEngineWidgets
(5.15 - 5.15.0) <B8A116CB-D14F-34D8-99F0-A8FE86F4335B> /Applications/
PixInsight/PixInsight.app/Contents/Frameworks/
QtWebEngineWidgets.framework/Versions/5/QtWebEngineWidgets

0x10abcc000 - 0x10abf6fff +org.qt-project.QtPrintSupport (5.15 -
5.15.0) <B390F1DF-AE85-3863-8D64-0DB7DB90906B> /Applications/
PixInsight/PixInsight.app/Contents/Frameworks/QtPrintSupport.framework/
Versions/5/QtPrintSupport

0x10ac1e000 - 0x10ac26ff7 +org.qt-project.QtMacExtras (5.15 -
5.15.0) <A71B9C67-BF30-3127-918F-BD0514CA98AC> /Applications/
PixInsight/PixInsight.app/Contents/Frameworks/QtMacExtras.framework/
Versions/5/QtMacExtras

0x10ac32000 - 0x10b07bff7 +org.qt-project.QtWidgets (5.15 - 5.15.0)
<14667580-54E0-3684-8B11-D944794A60CE> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/QtWidgets.framework/Versions/5/
QtWidgets

0x10b20e000 - 0x10b6faff3 +org.qt-project.QtGui (5.15 - 5.15.0)
<26A28907-EE32-38F3-A57C-98B31784AAEC> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/QtGui.framework/Versions/5/QtGui

0x10b828000 - 0x10b85cff3 +org.qt-project.QtSvg (5.15 - 5.15.0)
<819C9875-2F01-3437-9391-FA0857202C8A> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/QtSvg.framework/Versions/5/QtSvg

0x10b87e000 - 0x10b8b2ff3 +org.qt-project.QtXml (5.15 - 5.15.0)
<B07C194D-2C5E-3089-B03D-23CF58636FD1> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/QtXml.framework/Versions/5/QtXml

0x10b8c9000 - 0x10b9daff3 +org.qt-project.QtNetwork (5.15 - 5.15.0)
<D97531D1-78B7-37D7-A090-F117F0E1F43C> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/QtNetwork.framework/Versions/5/
QtNetwork

0x10ba3f000 - 0x10bfa4d3f +org.qt-project.QtCore (5.15 - 5.15.0)
<9B00D83B-B030-35AA-9FF9-B59C7EE72C55> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/QtCore.framework/Versions/5/QtCore

0x10c085000 - 0x10c49cfff +libmozjs-24.dylib (0)
<B1EA09E2-602A-32D5-8708-3BF5E8642A14> /Applications/PixInsight/
PixInsight.app/Contents/Frameworks/libmozjs-24.dylib

0x10c736000 - 0x10c73eff7 +libintl.8.dylib (0) <DFA5F6EB-A909-3CEF-A000-4120F2D4A5A8> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/libintl.8.dylib

0x10c747000 - 0x10c8abff7 +libunistring.2.dylib (0) <6887B4FC-BBA5-3118-9AD5-BB0255EC8648> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/libunistring.2.dylib

0x10c8c2000 - 0x10c91affb +org.qt-project.QtQmlModels (5.15 - 5.15.0) <867A9E19-8C81-3176-9ECF-82E92B446DC8> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/QtQmlModels.framework/Versions/5/QtQmlModels

0x10c941000 - 0x10c979fff +org.qt-project.QtTest (5.15 - 5.15.0) <E87F4D70-0DFA-3DE6-B007-9FC3471A74CC> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/QtTest.framework/Versions/5/QtTest

0x10c995000 - 0x10ca0bfff com.apple.corebrightness (1.0 - 1) <10CCC8E4-B762-3AD7-A18B-DBD6CF6922FD> /System/Library/PrivateFrameworks/CoreBrightness.framework/Versions/A/CoreBrightness

0x10caa5000 - 0x10cab1ff3 +org.qt-project.QtQuickWidgets (5.15 - 5.15.0) <8A486FC1-6966-3F44-BD0F-29B6FC45DF97> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/QtQuickWidgets.framework/Versions/5/QtQuickWidgets

0x10cbcf000 - 0x10cd33ff7 +libqcocoa.dylib (0) <A828F642-33E5-351E-B5A4-77C68421F00C> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/platforms/libqcocoa.dylib

0x10cd89000 - 0x10cde9ff7 +org.qt-project.QtDBus (5.15 - 5.15.0) <C8F38939-7738-39F0-8490-7597B1C76B8F> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/QtDBus.framework/Versions/5/QtDBus

0x10dfbc000 - 0x10e082fff com.apple.AMDRadeonX4000GLDriver (3.10.18 - 3.1.0) <0D554660-EC2E-32CD-990A-789425DDCD7E> /System/Library/Extensions/AMDRadeonX4000GLDriver.bundle/Contents/MacOS/AMDRadeonX4000GLDriver

0x10e390000 - 0x10e3b4ff7 +libqmacstyle.dylib (0) <CA6A34F9-1999-37B6-B9D6-D5F320EB262A> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/styles/libqmacstyle.dylib

0x10e3c9000 - 0x10e3d0ffb +libqgif.dylib (0) <C1039836-5C18-3C4D-A3A8-B5DFDA9987EB> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqgif.dylib

0x10e3d9000 - 0x10e3e0ffb +libqicns.dylib (0) <9859EC33-9152-3B99-B354-1AE60D43C667> /Applications/PixInsight/PixInsight.app/Contents/PlugIns/imageformats/libqicns.dylib

0x10e3f3000 - 0x10e484f47 dyld (750.6) <1D318D60-C9B0-3511-BE9C-82AFD2EF930D> /usr/lib/dyld

0x10e4f8000 - 0x11648df67 +org.qt-project.Qt.QtWebEngineCore (5.15 - 5.15.0) <831E1EE5-B8A0-3F0F-93F6-7A0DB5CE2E66> /Applications/PixInsight/PixInsight.app/Contents/Frameworks/QtWebEngineCore.framework/Versions/5/QtWebEngineCore

0x11a782000 - 0x11a787ff3 +libqico.dylib (0) <089B6E73-

A24A-391E-99AC-36B501B27C05> /Applications/PixInsight/PixInsight.app/
Contents/PlugIns/imageformats/libqico.dylib
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vecLib 3.11) <4686AE53-FD05-302C-AC20-C014EFC2305F> /System/Library/
Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/
Versions/A/vecLib

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Accounts.framework/Versions/A/Accounts

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AppKit.framework/Versions/C/AppKit

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ApplicationServices.framework/Versions/A/ApplicationServices

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493.0.4.1) <87EA5DE1-506A-39FD-88BE-D8A3416C9012> /System/Library/
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ATS.framework/Versions/A/ATS

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Versions/A/Resources/libFontRegistry.dylib

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ApplicationServices.framework/Versions/A/Frameworks/ATSUI.framework/
Versions/A/ATSUI

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ColorSyncLegacy.framework/Versions/A/ColorSyncLegacy

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Versions/A/HIServices

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LangAnalysis.framework/Versions/A/LangAnalysis

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Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
PrintCore.framework/Versions/A/PrintCore

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B5E9-32E6-87B6-3127F260F48D> /System/Library/Frameworks/
ApplicationServices.framework/Versions/A/Frameworks/QD.framework/
Versions/A/QD

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(9.0.24 - 9.0.24) <75344F8F-32CA-3558-B4E6-F56D498250E4> /System/
Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/
SpeechSynthesis.framework/Versions/A/SpeechSynthesis

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Frameworks/AudioToolbox.framework/Versions/A/AudioToolbox

0x7fff2f598000 - 0x7fff2f598fff com.apple.audio.units.AudioUnit (1.14 -
1.14) <C8F9CC56-F7CF-3E77-B6FC-BD8E1D19FA92> /System/Library/
Frameworks/AudioUnit.framework/Versions/A/AudioUnit

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Carbon.framework/Versions/A/Carbon

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Carbon.framework/Versions/A/Frameworks/CommonPanels.framework/
Versions/A/CommonPanels

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HIToolbox

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1600.65) <1A1F320E-3E85-3F3D-8AE0-B238C4E92D40> /System/Library/
Frameworks/Carbon.framework/Versions/A/Frameworks/
ImageCapture.framework/Versions/A/ImageCapture

0x7fff3003e000 - 0x7fff3003efff com.apple.ink.framework (10.15 - 227)
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0x7fff3003f000 - 0x7fff30059ffa com.apple.openscripting (1.7 - 185.1)
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A/OpenScripting

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271) <0D9FB08F-EA87-3BE7-821B-C61BA5601050> /System/Library/
Frameworks/Carbon.framework/Versions/A/Frameworks/Print.framework/
Versions/A/Print

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SecurityHI

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com.apple.speech.recognition.framework (6.0.3 - 6.0.3)
<9614A01E-8303-3422-A3BA-6CE27540E09A> /System/Library/Frameworks/
Carbon.framework/Versions/A/Frameworks/SpeechRecognition.framework/
Versions/A/SpeechRecognition

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Cocoa.framework/Versions/A/Cocoa

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ColorSync.framework/Versions/A/ColorSync

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CoreAudio.framework/Versions/A/CoreAudio

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1677.104) <A22035B1-72B8-3855-8E09-205590C7885F> /System/Library/
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2394.0.22) <75966124-2FB7-33C3-BE49-3DD5F327F911> /System/Library/
Frameworks/CoreLocation.framework/Versions/A/CoreLocation
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88) <017B0334-8AC4-304B-A5E2-C82C51BE1917> /System/Library/
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5125.6) <F8C046C7-4DA4-3987-A7CB-BAD12F0D2D22> /System/Library/
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1069.24) <AA140158-E909-34C2-B2F5-20EBC93E0056> /System/Library/
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CoreServices.framework/Versions/A/Frameworks/AE.framework/Versions/A/AE
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CarbonCore.framework/Versions/A/CarbonCore
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DictionaryServices.framework/Versions/A/DictionaryServices
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System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/

FSEvents.framework/Versions/A/FSEvents

0x7fff3289c000 - 0x7fff32ad6ff6 com.apple.LaunchServices (1069.24 - 1069.24) <9A5359D9-9148-3B18-B868-56A9DA5FB60C> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/LaunchServices.framework/Versions/A/LaunchServices

0x7fff32ad7000 - 0x7fff32b6fff1 com.apple.Metadata (10.7.0 - 2076.7) <0973F7E5-D58C-3574-A3CE-4F12CAC2D4C7> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/Metadata.framework/Versions/A/Metadata

0x7fff32b70000 - 0x7fff32b9dfff com.apple.CoreServices.OSServices (1069.24 - 1069.24) <0E4F48AD-402C-3E9D-9CA9-6DD9479B28F9> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/OSServices.framework/Versions/A/OSServices

0x7fff32b9e000 - 0x7fff32c05fff com.apple.SearchKit (1.4.1 - 1.4.1) <2C5E1D85-E8B1-3DC5-91B9-E3EDB48E9369> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SearchKit.framework/Versions/A/SearchKit

0x7fff32c06000 - 0x7fff32c2aff5 com.apple.coreservices.SharedFileList (131.4 - 131.4) <02DE0D56-E371-3EF5-9BC1-FA435451B412> /System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/SharedFileList.framework/Versions/A/SharedFileList

0x7fff32e87000 - 0x7fff32f4effc com.apple.CoreTelephony (113 - 7560.1) <31D93EB1-0A20-3383-9680-090E441F25D8> /System/Library/Frameworks/CoreTelephony.framework/Versions/A/CoreTelephony

0x7fff32f4f000 - 0x7fff33106ffc com.apple.CoreText (643.1.5.1 - 643.1.5.1) <A88F052A-C840-3E6C-9BF8-FFFD34C0667> /System/Library/Frameworks/CoreText.framework/Versions/A/CoreText

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0x7fff3314c000 - 0x7fff331d9ffc com.apple.framework.CoreWLAN (13.0 - 1601.2) <6223BFD5-D451-3DE9-90F6-F609AC0B0027> /System/Library/Frameworks/CoreWLAN.framework/Versions/A/CoreWLAN

0x7fff333a1000 - 0x7fff3344bff0 com.apple.DiscRecording (9.0.3 - 9030.4.5) <BCF3AFB0-6E1A-3F28-A575-1FD2D74E7C19> /System/Library/Frameworks/DiscRecording.framework/Versions/A/DiscRecording

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Intents.framework/Versions/A/Intents

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0x7fff35e4b000 - 0x7fff35e55ffb com.apple.MediaAccessibility (1.0 - 125.1) <98065EA1-3484-3A5A-B05C-D2FABED8CEA4> /System/Library/Frameworks/MediaAccessibility.framework/Versions/A/MediaAccessibility

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0x7fff3673c000 - 0x7fff36756ff5 com.apple.MetalKit (141.2 - 141.2) <FAACD940-5CF2-300A-83F3-86ABA7FDC531> /System/Library/Frameworks/MetalKit.framework/Versions/A/MetalKit

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OpenCL.framework/Versions/A/OpenCL
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220.40.1) <7E6C88EB-3DD9-32B0-81FC-179552834FA9> /System/Library/
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0x7fff4514d000 - 0x7fff4515cff9 com.apple.AssertionServices (1.0 - 223.140.2) <48AD21CA-B81D-380E-A04F-90C48FDA5203> /System/Library/PrivateFrameworks/AssertionServices.framework/Versions/A/AssertionServices

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<8AC2CB07-E7E0-340D-A849-186FA1F27251> /usr/lib/libicucore.A.dylib
0x7fff693a2000 - 0x7fff693a3fff liblangid.dylib (133) <30CFC08C-EF36-3CF5-8AEA-C1CB070306B7> /usr/lib/liblangid.dylib
0x7fff693a4000 - 0x7fff693bcff3 liblzma.5.dylib (16)
<C131EF18-2CDD-3271-8A30-A8760D4FE166> /usr/lib/liblzma.5.dylib
0x7fff693d4000 - 0x7fff6947bfff libmecab.dylib (883.11) <0D5BFD01-D4A7-3C8D-AA69-C329C1A69792> /usr/lib/libmecab.dylib
0x7fff6947c000 - 0x7fff696deff1 libmecabra.dylib (883.11)
<E31DE74D-1B88-377F-ACD3-D789D29C3AE7> /usr/lib/libmecabra.dylib
0x7fff69a4b000 - 0x7fff69a7afff libncurses.5.4.dylib (57)
<995DFEEA-40F3-377F-B73D-D02AC59D591F> /usr/lib/libncurses.5.4.dylib

0x7fff69baa000 - 0x7fff6a026ff5 libnetwork.dylib (1880.120.4)
<BA294A54-F309-398D-B308-F97032AFF555> /usr/lib/libnetwork.dylib
0x7fff6a027000 - 0x7fff6a03efff libnetworkextension.dylib (1095.140.2)
<D0E8454C-33A9-3F96-B3A0-EDB12C32283A> /usr/lib/
libnetworkextension.dylib
0x7fff6a0c7000 - 0x7fff6a0f9fde libobjc.A.dylib (787.1)
<265783CE-6D74-36C9-B6D2-95D3910199EC> /usr/lib/libobjc.A.dylib
0x7fff6a10c000 - 0x7fff6a110fff libpam.2.dylib (25.100.1)
<0502F395-8EE6-3D2A-9239-06FD5622E19E> /usr/lib/libpam.2.dylib
0x7fff6a113000 - 0x7fff6a149ff7 libpcap.A.dylib (89.120.1) <A76EC076-
A8EA-354C-B95F-7AB1EAFBCC65> /usr/lib/libpcap.A.dylib
0x7fff6a189000 - 0x7fff6a197ff9 libperfcheck.dylib (37.100.2)
<9D9C4879-8A80-34C4-B0D2-BE341FD6D321> /usr/lib/libperfcheck.dylib
0x7fff6a198000 - 0x7fff6a19bff3 libpmenergy.dylib (214.120.1)
<B33FB1C8-EACB-39C5-9B71-283EAB72E7E2> /usr/lib/libpmenergy.dylib
0x7fff6a19c000 - 0x7fff6a19efff libpmsample.dylib (214.120.1)
<F12D8EE0-9284-3E57-AE73-414266E11586> /usr/lib/libpmsample.dylib
0x7fff6a1cd000 - 0x7fff6a1e5fff libresolv.9.dylib (67.40.1) <C57EDFEF-
D36A-310B-8D14-8C68A625B1E8> /usr/lib/libresolv.9.dylib
0x7fff6a1e7000 - 0x7fff6a22bff7 libsandbox.1.dylib (1217.141.2)
<E8BA5E84-66AF-3995-8F8E-DDC93B0A88E1> /usr/lib/libsandbox.1.dylib
0x7fff6a23f000 - 0x7fff6a240ff7 libspindump.dylib (281.3)
<AE8C1AE9-5CBC-332F-BBE8-370A2A19FED6> /usr/lib/libspindump.dylib
0x7fff6a241000 - 0x7fff6a423ff7 libsqlite3.dylib (308.5)
<AD4EE0C4-913A-3AA7-941D-B39DCAF29305> /usr/lib/libsqlite3.dylib
0x7fff6a619000 - 0x7fff6a673ff8 libusrtcp.dylib (1880.120.4)
<05346A91-737C-33D0-B21B-F040950DFB28> /usr/lib/libusrtcp.dylib
0x7fff6a674000 - 0x7fff6a677ffb libutil.dylib (57)
<F01467F6-23A7-37EE-A170-33CE1577B41D> /usr/lib/libutil.dylib
0x7fff6a678000 - 0x7fff6a685ff7 libxar.1.dylib (425.2)
<EE964412-9E25-30B3-BCC0-CCFEFBC8094B> /usr/lib/libxar.1.dylib
0x7fff6a68b000 - 0x7fff6a76dfff libxml2.2.dylib (33.5)
<A579D158-2E09-316C-872E-DD9D93401B2F> /usr/lib/libxml2.2.dylib
0x7fff6a771000 - 0x7fff6a799fff libxslt.1.dylib (16.9) <34A45627-
DA5B-37D2-9609-65B425E0010A> /usr/lib/libxslt.1.dylib
0x7fff6a79a000 - 0x7fff6a7acff3 libz.1.dylib (76) <793D9643-
CD83-3AAC-8B96-88D548FAB620> /usr/lib/libz.1.dylib
0x7fff6b05b000 - 0x7fff6b060ff3 libcache.dylib (83)
<AF488D13-9E89-35E0-B078-BE37CC5B8586> /usr/lib/system/libcache.dylib
0x7fff6b061000 - 0x7fff6b06cfff libcommonCrypto.dylib (60165.120.1)
<C7912BE5-993E-3581-B2A0-6AABDC8C5562> /usr/lib/system/
libcommonCrypto.dylib
0x7fff6b06d000 - 0x7fff6b074fff libcompiler_rt.dylib (101.2)
<49B8F644-5705-3F16-BBE0-6FFF9B17C36E> /usr/lib/system/
libcompiler_rt.dylib
0x7fff6b075000 - 0x7fff6b07eff7 libcopyfile.dylib (166.40.1)

<3C481225-21E7-370A-A30E-0CCFDD64A92C> /usr/lib/system/
libcopyfile.dylib
0x7fff6b07f000 - 0x7fff6b111fdb libcorecrypto.dylib (866.140.1)
<60567BF8-80FA-359A-B2F3-A3BAEFB288FD> /usr/lib/system/
libcorecrypto.dylib
0x7fff6b21e000 - 0x7fff6b25eff0 libdispatch.dylib (1173.100.2)
<CD9C059C-91D9-30E8-8926-5B9CD0D5D4F5> /usr/lib/system/
libdispatch.dylib
0x7fff6b25f000 - 0x7fff6b295fff libdyld.dylib (750.6)
<789A18C2-8AC7-3C88-813D-CD674376585D> /usr/lib/system/libdyld.dylib
0x7fff6b296000 - 0x7fff6b296ffb libkeymgr.dylib (30)
<DB3337BE-01CA-3425-BD0C-87774FC0CDC0> /usr/lib/system/
libkeymgr.dylib
0x7fff6b297000 - 0x7fff6b2a3ff3 libkxld.dylib (6153.141.2)
<EE8ECB4B-2EDB-3440-BBC1-6BDDDF5F1BCE> /usr/lib/system/libkxld.dylib
0x7fff6b2a4000 - 0x7fff6b2a4ff7 liblaunch.dylib (1738.140.1)
<AFBCBDD3-0B55-3ECD-8E04-A73A3A57356B> /usr/lib/system/
liblaunch.dylib
0x7fff6b2a5000 - 0x7fff6b2aaff7 libmacho.dylib (959.0.1)
<AA613A9C-961A-3B67-B696-4622FA59FC4E> /usr/lib/system/libmacho.dylib
0x7fff6b2ab000 - 0x7fff6b2adff3 libquarantine.dylib (110.40.3)
<F234E51D-FD0B-3EE4-B679-AE3EE9C536C3> /usr/lib/system/
libquarantine.dylib
0x7fff6b2ae000 - 0x7fff6b2afff7 libremovefile.dylib (48) <7C7EFC79-
BD24-33EF-B073-06AED234593E> /usr/lib/system/libremovefile.dylib
0x7fff6b2b0000 - 0x7fff6b2c7ff3 libsystem_asl.dylib (377.60.2)
<1563EE02-0657-3B78-99BE-A947C24122EF> /usr/lib/system/
libsystem_asl.dylib
0x7fff6b2c8000 - 0x7fff6b2c8ff7 libsystem_blocks.dylib (74)
<0D53847E-AF5F-3ACF-B51F-A15DEA4DEC58> /usr/lib/system/
libsystem_blocks.dylib
0x7fff6b2c9000 - 0x7fff6b350fff libsystem_c.dylib (1353.100.2)
<BBDED5E6-A646-3EED-B33A-91E4331EA063> /usr/lib/system/
libsystem_c.dylib
0x7fff6b351000 - 0x7fff6b354ffb libsystem_configuration.dylib
(1061.141.1) <0EE84C33-64FD-372B-974A-AF7A136F2068> /usr/lib/system/
libsystem_configuration.dylib
0x7fff6b355000 - 0x7fff6b358fff libsystem_coreservices.dylib (114)
<A199156E-058D-3ABB-BCE9-4B9F20DCED0F> /usr/lib/system/
libsystem_coreservices.dylib
0x7fff6b359000 - 0x7fff6b361fff libsystem_darwin.dylib (1353.100.2)
<5B12B5DB-3F30-37C1-8ECC-49A66B1F2864> /usr/lib/system/
libsystem_darwin.dylib
0x7fff6b362000 - 0x7fff6b369fff libsystem_dnssd.dylib (1096.100.3)
<EBB4C2C2-E031-3094-B40A-E67BF261D295> /usr/lib/system/
libsystem_dnssd.dylib

0x7fff6b36a000 - 0x7fff6b36bffb libsystem_featureflags.dylib (17)
 <29FD922A-EC2C-3F25-BCCC-B58D716E60EC> /usr/lib/system/
 libsystem_featureflags.dylib
 0x7fff6b36c000 - 0x7fff6b3b9ff7 libsystem_info.dylib (538)
 <8A321605-5480-330B-AF9E-64E65DE61747> /usr/lib/system/
 libsystem_info.dylib
 0x7fff6b3ba000 - 0x7fff6b3e6ff7 libsystem_kernel.dylib (6153.141.2)
 <A576A1CF-7726-3146-B04B-A26E1CDB9757> /usr/lib/system/
 libsystem_kernel.dylib
 0x7fff6b3e7000 - 0x7fff6b432fef libsystem_m.dylib (3178)
 <D1CF3A92-2424-3420-B375-DEED7AA68C53> /usr/lib/system/
 libsystem_m.dylib
 0x7fff6b433000 - 0x7fff6b45afff libsystem_malloc.dylib (283.100.6)
 <8549294E-4C53-36EB-99F3-584A7393D8D5> /usr/lib/system/
 libsystem_malloc.dylib
 0x7fff6b45b000 - 0x7fff6b468ffb libsystem_networkextension.dylib
 (1095.140.2) <F06C65C5-2CBE-313C-96E1-A09240F9FE57> /usr/lib/system/
 libsystem_networkextension.dylib
 0x7fff6b469000 - 0x7fff6b472ff7 libsystem_notify.dylib (241.100.2)
 <FA22F928-D91B-3AA5-96BB-3186AC0FB264> /usr/lib/system/
 libsystem_notify.dylib
 0x7fff6b473000 - 0x7fff6b47bfef libsystem_platform.dylib (220.100.1)
 <009A7C1F-313A-318E-B9F2-30F4C06FEA5C> /usr/lib/system/
 libsystem_platform.dylib
 0x7fff6b47c000 - 0x7fff6b486fff libsystem_pthread.dylib (416.100.3)
 <62CB1A98-0B8F-31E7-A02B-A1139927F61D> /usr/lib/system/
 libsystem_pthread.dylib
 0x7fff6b487000 - 0x7fff6b48bff3 libsystem_sandbox.dylib (1217.141.2)
 <051C4018-4345-3034-AC98-6DE42FB8273B> /usr/lib/system/
 libsystem_sandbox.dylib
 0x7fff6b48c000 - 0x7fff6b48efff libsystem_secinit.dylib (62.100.2)
 <F80872AA-E1FD-3D7E-8729-467656EC6561> /usr/lib/system/
 libsystem_secinit.dylib
 0x7fff6b48f000 - 0x7fff6b496ffb libsystem_symptoms.dylib (1238.120.1)
 <5820A2AF-CE72-3AB3-ABCC-273A3419FB55> /usr/lib/system/
 libsystem_symptoms.dylib
 0x7fff6b497000 - 0x7fff6b4adff2 libsystem_trace.dylib (1147.120)
 <04B47629-847B-3D74-8ABE-C05EF9DEEFE4> /usr/lib/system/
 libsystem_trace.dylib
 0x7fff6b4af000 - 0x7fff6b4b4ff7 libunwind.dylib (35.4) <42B7B509-
 BAFE-365B-893A-72414C92F5BF> /usr/lib/system/libunwind.dylib
 0x7fff6b4b5000 - 0x7fff6b4eaffe libxpc.dylib (1738.140.1)
 <3E243A41-030F-38E3-9FD2-7B38C66C35B1> /usr/lib/system/libxpc.dylib

External Modification Summary:

Calls made by other processes targeting this process:

```

task_for_pid: 2
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: 51829
thread_create: 0
thread_set_state: 0

```

VM Region Summary:

```

ReadOnly portion of Libraries: Total=988.4M resident=0K(0%)
swapped_out_or_unallocated=988.4M(100%)
Writable regions: Total=6.1G written=0K(0%) resident=0K(0%)
swapped_out=0K(0%) unallocated=6.1G(100%)

```

VIRTUAL REGION				
REGION TYPE	SIZE	COUNT	(non-coalesced)	
=====	=====	=====		
.rodata	13.3M	1		
Accelerate framework	512K	4		
Activity Tracing	256K	1		
CG backing stores	1760K	2		
CG image	1128K	10		
CoreAnimation	3852K	18		
CoreGraphics	8K	1		
CoreImage	48K	3		
CoreUI image data	1624K	15		
Foundation	4K	1		
Kernel Alloc Once	8K	1		
MALLOC	3.6G	295		
MALLOC guard page	48K	8		
MALLOC_MEDIUM (reserved)	2.2G	24		reserved VM address
space (unallocated)				
MALLOC_NANO (reserved)	128.0M	1		reserved VM address space
(unallocated)				
Mach message	24K	5		
OpenGL GLSL	256K	3		
STACK GUARD	56.1M	29		
Stack	134.7M	29		
VM_ALLOCATE	4636K	59		
__DATA	65.4M	508		
__DATA_CONST	76K	2		
__FONT_DATA	4K	1		

_GLSLBUILTINS	5176K	1
_LINKEDIT	419.3M	115
_OBJC_RO	32.3M	1
_OBJC_RW	1908K	2
_TEXT	569.2M	468
_UNICODE	564K	1
mapped file	526.7M	219
shared memory	660K	19
=====	=====	=====
TOTAL	7.7G	1847
TOTAL, minus reserved VM space	5.4G	1847

Model: MacPro5,1, BootROM 144.0.0.0.0, 12 processors, 6-Core Intel Xeon, 3,33 GHz, 96 GB, SMC 1.39f11

Graphics: kHW_AMDRadeonRX580Item, Radeon RX 580, spdisplays_pcie_device, 8 GB

Memory Module: DIMM 1, 16 GB, DDR3 ECC, 1333 MHz, 0x80AD, 0x484D5434324752374D465234412D48392020

Memory Module: DIMM 2, 16 GB, DDR3 ECC, 1333 MHz, 0x80AD, 0x484D5434324752374D465234412D48392020

Memory Module: DIMM 3, 16 GB, DDR3 ECC, 1333 MHz, 0x80AD, 0x484D5434324752374D465234412D48392020

Memory Module: DIMM 5, 16 GB, DDR3 ECC, 1333 MHz, 0x80AD, 0x484D5434324752374D465234412D48392020

Memory Module: DIMM 6, 16 GB, DDR3 ECC, 1333 MHz, 0x80AD, 0x484D5434324752374D465234412D48392020

Memory Module: DIMM 7, 16 GB, DDR3 ECC, 1333 MHz, 0x80AD, 0x484D5434324752374D465234412D48392020

AirPort: spairport_wireless_card_type_airport_extreme (0x14E4, 0x117), Broadcom BCM43xx 1.0 (7.77.61.2 AirPortDriverBrcmNIC-1305.8)

Bluetooth: Version 7.0.6f7, 3 services, 27 devices, 1 incoming serial ports

Network Service: Ethernet 1, Ethernet, en0

Network Service: Ethernet 2, Ethernet, en1

Network Service: Wi-Fi, AirPort, en2

Network Service: iPhone, Ethernet, en4

PCI Card: pci144d,a808, sppci_nvme, Slot-2

PCI Card: Radeon RX 580, sppci_displaycontroller, Slot-1

PCI Card: pci1002,aaf0, sppci_audiodevice, Slot-1

PCI Card: PXS3, sppci_usbxcui, Slot-3

PCI Card: pci14e4,43a0, sppci_othernetnetwork, Slot-4

Serial ATA Device: HL-DT-ST DVD-RW GH61N

Serial ATA Device: WDC WD30EZR-00MMMB0, 3 TB

Serial ATA Device: WDC WD10EARX-00N0YB0, 1 TB

Serial ATA Device: SATA SSD, 480,1 GB

USB Device: USB 3.0 Bus

USB Device: Mass Storage

USB Device: USB 2.0 Bus
USB Device: iPhone
USB Device: USB 2.0 Bus
USB Device: USB 2.0 Hub
USB Device: USB KB
USB Device: USB Bus
USB Device: USB Bus
USB Device: USB Bus
USB Device: USB Bus
USB Device: USB Bus
USB Device: BRCM20702 Hub
USB Device: Bluetooth USB Host Controller
USB Device: USB Bus
FireWire Device: built-in_hub, Up to 800 Mb/sec
Thunderbolt Bus: