

DSP - Feature Request #965

crash with Jamoma 0.54.b2/trouble with jcom.average???

2011-10-04 03:42 am - Olivier Baudry

Status:	Rejected	Start date:	2011-10-04
Priority:	Normal	Due date:	
Assignee:	Trond Lossius	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Jamoma 0.6	Spent time:	0.00 hour
Branch:			

Description

I encounter a crash on Jamoma when I try to jamomize a little patcher

Steps to reproduce

1 open this one in first:

2 try to jamomize this one

below the original patcher:

```
-----begin_max5_patcher-----
```

```
714.3oc6XEriaBCE7L4q.ww1ro1Fv.8V+NpVUY.ultBLoXRaZW54aufMnvtK
AYAAMtoLCD3wCXI4MOaCOuxIt3HU3X+Y6uZaY87JKKYnl.VsGa4jSNljQDx
zbJNTkQqbVqNE+PNiWer7bvyAUyIiBZixRUWe72e.1c46IU6X7seqjiToPA
BC2.Va6hwM+A861Z+X60JtjmS4xrcbZB8xpUMaVaPBfFg.Pjqh.tKDAj3cP7
CFD+crREp526oJf57TVAoFFO9d94NF+hBk7CcuSuAYI2XLC6+uAyX7gKa9iQ
NnprsTtRN8W0PnC.Uzipa0GsQ.uvAIMpM3SE7JA6ORxEs4JIEXmd2cNIWluy
WJYjrQ6c8jhjmZLHohACZT0qmh7AohrY4jjK2VGLKQo0.EsDhhfS1K1UTcx1
6VHLgSTXjITfhjSUGClmVbHOIV18z10nLIEYEKpGEXSX.vOLb8f6A60GO3DZ
5HacRbUISjPxi4B1DMVi2ZamXBe6YIMd6qwLt9Wv5A2qOI6UIhIVkvSZQggJ
mp+xz2BA.f4GICBlnjHGCCAKC32pO+2bNKyIDNqRgavUvclSEBxV56rmk4hk
yaNrwDMM0P4HQtrKIBedkHWudUxOok0hzIajecOq8kzF30PaDrs7ZBOnB4Nw
4UT9k.0BQA3kX3rX1ONPROMntfWZcwahNG0Bx7jBRvhrPjOc6VcFzeNpRX3x
sj05R4oaSCDdVfK19nEwn7vM5EafAyQR593JcPhxGmSFi+1uHj790D+0xjn3
PYRGdaW7184INSohJFmTj38xoY4L8RZGKMkx6+Nv4rz8E0ruECWnloKjB0.
RAFEQAZfHrQQDVCdGLjH70wHY1xlmNPpIlnwfjqFPJxnhDTGyMz2rXBqak6d
CSIERZ0yY1AlfZ0z4ZVLoSWWnYgD5NTIf2gXBnCIISaW8Aur5uf2igSj
```

```
-----end_max5_patcher-----
```

below the other patcher in way of jamomization:

```
-----begin_max5_patcher-----
```

```
1140.3oc6ZsjsaZCF9Z6mBFldUqMElwaQUj4kn2zISGAn3kD.4xgjMMS1qae
M6SRQ+B7ZuKfQEL3MyDOiMVxRnu+u+iR3utdkYn3ddoowuY7GFqV800qVAcl
6XUa6UIYr6iRYkvvLqy340laT+RdcVRdJuB9ITamuWjWUI72bnOaK61tSp3Y
sqjIKrTjVWwM2XXtQ9QXxdQJq3P6B4Pe2iqhntpaYHs8p5p5K64s2zj7J4Tg
2GlaRLfZQ3G1h86fsbRsP4v.knNmka2LyemWDyxYcieOqJ5tj7c+YAOpRMus
HaonYfwT4k1Vn.Kai2lmz2VuV9wFMY0LdYlaG+..42CqiTI3EehkZ7Snd4bb
ebN9.meJyngY0OcQM6iZdaQBKcHhgP.dwWhBCOOVnijVZveHuPeqsyI43K
XyDxx20KIPHiiDndJR.lu3nXD6qrsQIHleCrKHNihRPstKAXkT9SxrHRj0DE
p5YLB6S7hFI5ACrqsQSPDCIB99TVDO1H7KFenYhVsC5+92+w3M.EJG1aN3
```

nASc5Vb183P4MJhifAOILEHPGemYwXpQzquEVS3QZMg.eJJD70chAY3etAIO
iQ.ik578rnOJsUpilmmIqGJS1kKE2ywQXywkjBgbAIQkiJ.MoTTkQh87GFz9
3xt.ngLzQmjJk73kQg22mJZvyLI6nYAXCm8.aORodkKNn7bsmj+9oYPuSZcG
IREEpUx1h5a6Roa58aH4ZpK+EbA5qpHoLhkBi01J3EkPNb2oX1q4k+ld+1wX
9HMAZbEy3.YqPNflfnbl7GolPIpCZOdQ+mgbbev9TEJc5by6b1amSWVS4My7F
l.3ghVggX5DO3RanK2qn..3sW7eUpKZHQKPoaveWJYNCIYdteGKYtCi7Toyl
KqwyT1wuzDq2gpcYXAuzpvjAX6iJFWwoc9rDnDLBcRQHOCi7y.iXMeThJQde
jh+HIEvansdFRvbpJk4r8k2lpdv4VPLzoPL3.vZwyeZDyOprQpIBFmlvQUk
.04JTYyY8aQmaqzyZjLj8HoDX+QX0NKA4meXbNsxtQSRUP7mOqyq+YAE7R2.
lqNNQXEIxykR9418OhLxXsniNGVDcVxBEI7W0r39OT.uqgOd6lizKuL1SNRk
1wEby8mEZ4WucUrbmx4o4aOekwANbM5yFmsatK0HK1EoNnQavBxYVXos2nx
+Q9SwaRcNlpMA7LFAVNyzj7m9fFg6mr+SooRQcQTGdaKww3wzKw7xpbvUUhH
+nwHS5ezftKINlme71DyRh2KZj9CO2ud0Y5BlpFPxeQQjuFHxaQQjmFHBunH
xUGCokUs4nCjCBsXPhnEiHKJMQH5XLQeYXZqumkqb6nPLrF4Vs4zSZod.1a
wDXjxVSURzPPBVTtESe8ouk+WMNxjueL8DC0KquaeVJpm9rmE18oMvcmcdWi
oJFZ4JsrgrkwXcC4rbXBoS1KD8UHlbWVLoUNU7qOLgVVHoShdryqPLsrUwhzl
YzB60Yqi0zTLmZZ7s0++O.G1e
-----end_max5_patcher-----

Here the crashlog :

Process: MaxMSP [544]
Path: /Applications/Max5/MaxMSP.app/Contents/MacOS/MaxMSP
Identifier: com.cycling74.MaxMSP
Version: 5.1.8 (45300) (5.1.8)
Code Type: X86 (Native)
Parent Process: launchd [100]

Date/Time: 2011-10-04 03:32:46.987 +0200
OS Version: Mac OS X 10.6.8 (10K549)
Report Version: 6

Interval Since Last Report: 244390 sec
Crashes Since Last Report: 1
Per-App Interval Since Last Report: 124766 sec
Per-App Crashes Since Last Report: 1
Anonymous UUID: C70D983C-9346-43F1-B702-CC1932410FEB

Exception Type: EXC_BAD_ACCESS (SIGBUS)
Exception Codes: KERN_PROTECTION_FAILURE at 0x000000000000000c
Crashed Thread: 0 Dispatch queue: com.apple.main-thread

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

0	JamomaFoundation.dylib	0x17f05833 TTHash::~TTHash() + 35
1	JamomaFoundation.dylib	0x17f057e3 TTHash::~TTHash() + 19
2	JamomaFoundation.dylib	0x17f15e2a TTDictionary::~TTDictionary() + 42
3	JamomaFoundation.dylib	0x17f15dd3 TTDictionary::~TTDictionary() + 19
4	JamomaGraph.dylib	0x14de371d TTGraphObject::~TTGraphObject() + 61
5	JamomaFoundation.dylib	0x17f053bd TTEnvironment::releaseInstance(TTObject**) + 141
6	JamomaFoundation.dylib	0x17f05527 TTObjectRelease(TTObject**) + 23
7	com.cycling74.MaxMSP	0x0002fd62 freeobject + 168
8	com.cycling74.MaxMSP	0x00161c81 jnewobj_free + 25

9	com.cycling74.MaxMSP	0x0002fd62 freeobject + 168
10	com.cycling74.MaxMSP	0x000b84fd object_free + 27
11	com.cycling74.MaxMSP	0x0017e954 jpatcher_free + 284
12	com.cycling74.MaxMSP	0x0002fd62 freeobject + 168
13	com.cycling74.MaxMSP	0x000b84fd object_free + 27
14	com.cycling74.MaxMSP	0x000bb390 object_method + 896
15	com.cycling74.MaxMSP	0x00196f5e jwind_close + 906
16	com.cycling74.MaxMSP	0x002da75e juce::HUIViewComponentPeer::handleWindowClassEvent(OpaqueEventRef*) + 1220
17	com.cycling74.MaxMSP	0x002da893
	juce::HUIViewComponentPeer::handleWindowEventForPeer(OpaqueEventHandlerCallRef*, OpaqueEventRef*) + 295	
18	com.cycling74.MaxMSP	0x002da92f juce::HUIViewComponentPeer::handleWindowEvent(OpaqueEventHandlerCallRef*, OpaqueEventRef*, void*) + 65
19	com.apple.HIToolbox	0x97ceec2f DispatchEventToHandlers(EventTargetRec*, OpaqueEventRef*, HandlerCallRec*) + 1567
20	com.apple.HIToolbox	0x97cedef6 SendEventToEventTargetInternal(OpaqueEventRef*, OpaqueEventTargetRef*, HandlerCallRec*) + 411
21	com.apple.HIToolbox	0x97d107f3 SendEventToEventTarget + 52
22	com.apple.HIToolbox	0x97e0ddb7 HIWindowButtonView::SendWindowEvent(unsigned long, unsigned long) + 207
23	com.apple.HIToolbox	0x97e0de68 HIWindowButtonView::ControlHitSelf(OpaqueControlRef*, short, unsigned long) + 156
24	com.apple.HIToolbox	0x97d0361b HUIView::EventHandler(OpaqueEventHandlerCallRef*, OpaqueEventRef*, void*) + 9309
25	com.apple.HIToolbox	0x97ceec2f DispatchEventToHandlers(EventTargetRec*, OpaqueEventRef*, HandlerCallRec*) + 1567
26	com.apple.HIToolbox	0x97cedef6 SendEventToEventTargetInternal(OpaqueEventRef*, OpaqueEventTargetRef*, HandlerCallRec*) + 411
27	com.apple.HIToolbox	0x97d107f3 SendEventToEventTarget + 52
28	com.apple.HIToolbox	0x97d5fcce SendControlHit(HUIView*, OpaqueEventRef*, short, unsigned long) + 296
29	com.apple.HIToolbox	0x97d5fb4f HUIView::NotifyControlHit(OpaqueEventRef*, short, unsigned long) + 45
30	com.apple.HIToolbox	0x97dc465f HUIView::ClickInternal(CGPoint const&, unsigned long, void)(OpaqueControlRef, short), OpaqueEventRef*, bool) + 245
31	com.apple.HIToolbox	0x97dc5c18 HUIView::ClickSelf(OpaqueEventRef*) + 368
32	com.apple.HIToolbox	0x97d01af9 HUIView::EventHandler(OpaqueEventHandlerCallRef*, OpaqueEventRef*, void*) + 2363
33	com.apple.HIToolbox	0x97ceec2f DispatchEventToHandlers(EventTargetRec*, OpaqueEventRef*, HandlerCallRec*) + 1567
34	com.apple.HIToolbox	0x97cedef6 SendEventToEventTargetInternal(OpaqueEventRef*, OpaqueEventTargetRef*, HandlerCallRec*) + 411
35	com.apple.HIToolbox	0x97d107f3 SendEventToEventTarget + 52
36	com.apple.HIToolbox	0x97d5eb8e HUIView::Click(OpaqueEventRef*) + 480
37	com.apple.HIToolbox	0x97d5e95b HandleClickAsHUIView(OpaqueWindowPtr*, OpaqueEventRef*) + 151
38	com.apple.HIToolbox	0x97d5d238 HandleWindowClick(OpaqueWindowPtr*, Point, short, unsigned long, OpaqueEventRef*) + 491
39	com.apple.HIToolbox	0x97d5cd3b HandleMouseEvent(OpaqueEventHandlerCallRef*, OpaqueEventRef*) + 786
40	com.apple.HIToolbox	0x97d5c652 StandardWindowEventHandler(OpaqueEventHandlerCallRef*, OpaqueEventRef*, void*) + 93
41	com.apple.HIToolbox	0x97ceec2f DispatchEventToHandlers(EventTargetRec*, OpaqueEventRef*, HandlerCallRec*) + 1567
42	com.apple.HIToolbox	0x97cedef6 SendEventToEventTargetInternal(OpaqueEventRef*, OpaqueEventTargetRef*, HandlerCallRec*) + 411
43	com.apple.HIToolbox	0x97d107f3 SendEventToEventTarget + 52
44	com.apple.HIToolbox	0x97d223ef ToolboxEventDispatcherHandler(OpaqueEventHandlerCallRef*, OpaqueEventRef*, void*) + 1417
45	com.apple.HIToolbox	0x97cef080 DispatchEventToHandlers(EventTargetRec*, OpaqueEventRef*, HandlerCallRec*) + 2672

46	com.apple.HIToolbox	0x97cedef6	SendEventToEventTargetInternal(OpaqueEventRef*, OpaqueEventTargetRef*, HandlerCallRec*) + 411
47	com.apple.HIToolbox	0x97d107f3	SendEventToEventTarget + 52
48	com.cycling74.MaxMSP	0x002d3892	juce::juce_dispatchNextMessageOnSystemQueue(bool, bool) + 630
49	com.cycling74.MaxMSP	0x002dd4cb	juce::MessageManager::dispatchNextMessage(bool, bool*, bool) + 79
50	com.cycling74.MaxMSP	0x002dd58a	juce::MessageManager::runDispatchLoop() + 42
51	com.cycling74.MaxMSP	0x002dbee5	juce::JUCEApplication::main(juce::String&, juce::JUCEApplication*) + 605
52	com.cycling74.MaxMSP	0x002dbfbf	juce::JUCEApplication::main(int, char**, juce::JUCEApplication*) + 125
53	com.cycling74.MaxMSP	0x001e5126	main + 76
54	com.cycling74.MaxMSP	0x00005d7e	_start + 216
55	com.cycling74.MaxMSP	0x00005ca5	start + 41

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

0	libSystem.B.dylib	0x9a7e5382	kevent + 10
1	libSystem.B.dylib	0x9a7e5a9c	_dispatch_mgr_invoke + 215
2	libSystem.B.dylib	0x9a7e4f59	_dispatch_queue_invoke + 163
3	libSystem.B.dylib	0x9a7e4cfe	_dispatch_worker_thread2 + 240
4	libSystem.B.dylib	0x9a7e4781	_pthread_wqthread + 390
5	libSystem.B.dylib	0x9a7e45c6	start_wqthread + 30

Thread 2:

0	libSystem.B.dylib	0x9a7beb5a	semaphore_timedwait_signal_trap + 10
1	libSystem.B.dylib	0x9a7ec6e1	_pthread_cond_wait + 1066
2	libSystem.B.dylib	0x9a81b5a8	pthread_cond_timedwait_relative_np + 47
3	...ple.CoreServices.CarbonCore	0x9513eb90	TSWaitOnConditionTimedRelative + 242
4	...ple.CoreServices.CarbonCore	0x9513e8ce	TSWaitOnSemaphoreCommon + 511
5	...ple.CoreServices.CarbonCore	0x95162b8b	TimerThread + 97
6	libSystem.B.dylib	0x9a7ec259	_pthread_start + 345
7	libSystem.B.dylib	0x9a7ec0de	thread_start + 34

Thread 3:

0	libSystem.B.dylib	0x9a7beafa	mach_msg_trap + 10
1	libSystem.B.dylib	0x9a7bf267	mach_msg + 68
2	com.apple.audio.midi.CoreMIDI	0x1847e0c1	XServerMachPort::ReceiveMessage(int&, void*, int&) + 155
3	com.apple.audio.midi.CoreMIDI	0x1849c97a	MIDIProcess::RunMIDIInThread() + 150
4	com.apple.audio.midi.CoreMIDI	0x1847f2d9	XThread::RunHelper(void*) + 17
5	com.apple.audio.midi.CoreMIDI	0x1847eca6	CAPThread::Entry(CAPThread*) + 96
6	libSystem.B.dylib	0x9a7ec259	_pthread_start + 345
7	libSystem.B.dylib	0x9a7ec0de	thread_start + 34

Thread 4:

0	libSystem.B.dylib	0x9a7beb5a	semaphore_timedwait_signal_trap + 10
1	libSystem.B.dylib	0x9a7ec6e1	_pthread_cond_wait + 1066
2	libSystem.B.dylib	0x9a81b5a8	pthread_cond_timedwait_relative_np + 47
3	com.cycling74.MaxMSP	0x002d2c9c	juce::WaitableEvent::wait(int) const + 122
4	com.cycling74.MaxMSP	0x0034fd1b	juce::Thread::wait(int) const + 27
5	com.cycling74.MaxMSP	0x002de537	juce::InternalTimerThread::run() + 229
6	com.cycling74.MaxMSP	0x0034fdae	juce::Thread::threadEntryPoint(juce::Thread*) + 142
7	com.cycling74.MaxMSP	0x002d2d77	juce::threadEntryProc(void*) + 17
8	libSystem.B.dylib	0x9a7ec259	_pthread_start + 345
9	libSystem.B.dylib	0x9a7ec0de	thread_start + 34

Thread 5:

```
0 libSystem.B.dylib      0x9a886096 accept$NOCANCEL$UNIX2003 + 10
1 libSystem.B.dylib      0x9a884eff accept + 32
2 com.cycling74.MaxMSP    0x00394259 juce::StreamingSocket::waitForNextConnection() const + 257
3 com.cycling74.MaxMSP    0x00216eb7 tcpconnection_listenthread(_tcpconnection*) + 27
4 com.cycling74.MaxMSP    0x00065f16 systhread_threadproc(void*) + 60
5 libSystem.B.dylib      0x9a7ec259 _pthread_start + 345
6 libSystem.B.dylib      0x9a7ec0de thread_start + 34
```

Thread 6: com.apple.CFSocket.private

```
0 libSystem.B.dylib      0x9a7ddac6 select$DARWIN_EXTSN + 10
1 com.apple.CoreFoundation 0x96235c83 __CFSocketManager + 1091
2 libSystem.B.dylib      0x9a7ec259 _pthread_start + 345
3 libSystem.B.dylib      0x9a7ec0de thread_start + 34
```

Thread 7:

```
0 libSystem.B.dylib      0x9a7bec0e mach_wait_until + 10
1 libSystem.B.dylib      0x9a846429 nanosleep + 345
2 libSystem.B.dylib      0x9a8462ca usleep + 61
3 com.cycling74.MaxMSP    0x0006e722 asyncfile_threadproc() + 36
4 com.cycling74.MaxMSP    0x00065f16 systhread_threadproc(void*) + 60
5 libSystem.B.dylib      0x9a7ec259 _pthread_start + 345
6 libSystem.B.dylib      0x9a7ec0de thread_start + 34
```

Thread 8:

```
0 libSystem.B.dylib      0x9a7beb5a semaphore_timedwait_signal_trap + 10
1 libSystem.B.dylib      0x9a7ec6e1 _pthread_cond_wait + 1066
2 libSystem.B.dylib      0x9a81b5a8 pthread_cond_timedwait_relative_np + 47
3 com.apple.audio.CoreAudio 0x9702c3ab CAGuard::WaitFor(unsigned long long) + 219
4 com.apple.audio.CoreAudio 0x9702f3dd CAGuard::WaitUntil(unsigned long long) + 289
5 com.apple.audio.CoreAudio 0x9702ccda HP_IOThread::WorkLoop() + 1892
6 com.apple.audio.CoreAudio 0x9702c571 HP_IOThread::ThreadEntry(HP_IOThread*) + 17
7 com.apple.audio.CoreAudio 0x9702c488 CAPThread::Entry(CAPThread*) + 140
8 libSystem.B.dylib      0x9a7ec259 _pthread_start + 345
9 libSystem.B.dylib      0x9a7ec0de thread_start + 34
```

Thread 9:

```
0 libSystem.B.dylib      0x9a7beb5a semaphore_timedwait_signal_trap + 10
1 libSystem.B.dylib      0x9a7ec6e1 _pthread_cond_wait + 1066
2 libSystem.B.dylib      0x9a81b5a8 pthread_cond_timedwait_relative_np + 47
3 com.apple.audio.CoreAudio 0x9702c3ab CAGuard::WaitFor(unsigned long long) + 219
4 com.apple.audio.CoreAudio 0x9702f3dd CAGuard::WaitUntil(unsigned long long) + 289
5 com.apple.audio.CoreAudio 0x9702ccda HP_IOThread::WorkLoop() + 1892
6 com.apple.audio.CoreAudio 0x9702c571 HP_IOThread::ThreadEntry(HP_IOThread*) + 17
7 com.apple.audio.CoreAudio 0x9702c488 CAPThread::Entry(CAPThread*) + 140
8 libSystem.B.dylib      0x9a7ec259 _pthread_start + 345
9 libSystem.B.dylib      0x9a7ec0de thread_start + 34
```

Thread 0 crashed with X86 Thread State (32-bit):

```
eax: 0x1f325bd0 ebx: 0x14de36ee ecx: 0x00000008 edx: 0x1f432200
edi: 0x1f431d50 esi: 0x1ccb25d0 ebp: 0xbfffd9d8 esp: 0xbfffd9c0
ss: 0x0000001f efl: 0x00010202 eip: 0x17f05833 cs: 0x00000017
ds: 0x0000001f es: 0x0000001f fs: 0x00000000 gs: 0x00000037
cr2: 0x0000000c
```

Binary Images:

[0x1000 - 0x46afe7 com.cycling74.MaxMSP 5.1.8 \(45300\) \(5.1.8\) <5ED781AA-9846-4EF7-37C7-10452E77D99C>/Applications/Max5/MaxMSP.app/Contents/MacOS/MaxMSP](#)
[0xc83000 - 0xce8fcf +\[Unknown Bundle\] ? \(?\) <DCC5A8F3-6C5E-4E55-8132-C47774090311> \[Unknown Bundle\]](#)
[0x2582000 - 0x2586ff7 +com.cycling74.fpic 5.1.8 \(45300\) \(45300\) <6FCE38F3-5931-B0B0-AD9A-D55970516CAD>/Applications/Max5/Cycling '74/max-externals/fpic.mxo/Contents/MacOS/fpic](#)
[0x2591000 - 0x25b7ff7 +com.cycling74.MaxAPI 1.0 \(1.0\) <33A72113-EFE5-2E1F-4C58-F3E2BFA19108>/Applications/Max5/MaxMSP.app/Contents/Frameworks/MaxAPI.framework/MaxAPI](#)
[0x27df000 - 0x27e0ff7 +com.cycling74.fseventwatcher 5.1.8 \(45300\) \(45300\) <F1579FDC-E0DD-961B-9A9D-988A9B7075CF>/Applications/Max5/Cycling '74/extensions/fseventwatcher.mxo/Contents/MacOS/fseventwatcher](#)
[0x27e4000 - 0x27e9ff7 +com.cycling74.autohelp 5.1.8 \(45300\) \(45300\) <72228B58-EF4A-3B5F-419B-7C96576E61C2>/Applications/Max5/Cycling '74/extensions/autohelp.mxo/Contents/MacOS/autohelp](#)
[0x27ef000 - 0x27f0ff7 +com.cycling74.bach.collector 5.1.7 \(5.1.7\) <94B5A050-8A4B-7E04-BA00-F65E88E942D7>/Applications/Max5/Cycling '74/extensions/bach.collector.mxo/Contents/MacOS/bach.collector](#)
[0x27f4000 - 0x27f6ff7 +com.cycling74.bach.lexpr 5.1.7 \(5.1.7\) <708242BD-A407-903E-ACA4-5F864330ED5E>/Applications/Max5/Cycling '74/extensions/bach.lexpr.mxo/Contents/MacOS/bach.lexpr](#)
[0x27fa000 - 0x27bff7 +com.cycling74.debugwindow 5.1.8 \(45300\) \(45300\) <DEE3B3F1-1D42-FBAA-64E8-12F71150E4EE>/Applications/Max5/Cycling '74/extensions/debugwindow.mxo/Contents/MacOS/debugwindow](#)
[0x4c86000 - 0x4c88ff7 +com.cycling74.bach.lill 5.1.7 \(5.1.7\) <69552DF8-8396-F17C-8E93-2A2161172B9D>/Applications/Max5/Cycling '74/extensions/bach.lill.mxo/Contents/MacOS/bach.lill](#)
[0x4c91000 - 0x4c91ff7 +org.jamoma.jcom.loader 0.5.4b2 \(0.5.4b2\) <CDE636AD-0080-3D6D-BCD8-559E909E056E>/Applications/Max5/Cycling '74/extensions/jcom.loader.mxo/Contents/MacOS/jcom.loader](#)
[0x4c97000 - 0x4c98ff7 +DictionaryLib.ttdylib ? \(?\) <30DA4382-AC3C-3B40-80FD-475187BA2231> /Library/Application Support/Jamoma/Extensions/DictionaryLib.ttdylib](#)
[0x14de1000 - 0x14dedff7 +JamomaGraph.dylib ? \(?\) <C4D11451-6A06-3129-B7B3-8C257BD589F5>/usr/local/lib/JamomaGraph.dylib](#)
[0x14df8000 - 0x14dfc7f7 +AnalysisLib.ttdylib ? \(?\) <0815749E-F90B-360B-9432-ED834C7A1DFE> /Library/Application Support/Jamoma/Extensions/AnalysisLib.ttdylib](#)
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[0x18508000 - 0x18510fff +SpatDisplay.tdylib ? \(?\) <E4C84FD4-42D5-336D-B6F8-95B64F84D699> /Library/Application Support/Jamoma/Extensions/SpatDisplay.tdylib](#)

[0x18518000 - 0x18524ffb +WindowFunctionLib.tdylib ? \(?\) <1063AA82-BB1E-303E-8FB2-13DEFC31E2B0> /Library/Application Support/Jamoma/Extensions/WindowFunctionLib.tdylib](#)

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0x94fe5000 - 0x94fe5ff7 com.apple.Carbon 150 (152) <8F767518-AD3C-5CA0-7613-674CD2B509C4>
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0x9503d000 - 0x95084ffb com.apple.CoreMediaIOServices 140.0 (1496) <DA152F1C-8EF4-4F5E-6D60-82B1DC72EF47>
/System/Library/PrivateFrameworks/CoreMediaIOServices.framework/Versions/A/CoreMediaIOServices

0x95085000 - 0x950e6fe7 com.apple.CoreText 151.10 (?) <5C2DEFBE-D54B-4DC7-D456-9ED02880BE98>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/CoreText.framework/Versions/A/CoreText

0x950e7000 - 0x950f7ff7 libsasl2.2.dylib 3.15.0 (compatibility 3.0.0) <C8744EA3-0AB7-CD03-E639-C4F2B910BE5D>
/usr/lib/libsasl2.2.dylib

0x950f8000 - 0x95418ff3 com.apple.CoreServices.CarbonCore 861.39 (861.39) <5C59805C-AF39-9010-B8B5-D673C9C38538>
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/CarbonCore.framework/Versions/A/CarbonCore

0x95419000 - 0x9541dff7 libGFXShared.dylib ? (?) <801B2C2C-1692-475A-BAD6-99F85B6E7C25>
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGFXShared.dylib

0x9541e000 - 0x95718fef com.apple.QuickTime 7.6.6 (1783) <1EC8DC5E-12E3-1DB8-1F7D-44C6EF193C58>
/System/Library/Frameworks/QuickTime.framework/Versions/A/QuickTime

0x95719000 - 0x9575aff7 libRIP.A.dylib 545.0.0 (compatibility 64.0.0) <80998F66-0AD7-AD12-B9AF-3E8D2CE6DE05>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/CoreGraphics.framework/Versions/A/Resources/libRIP.A.dylib

0x9575b000 - 0x95769ff7 com.apple.opengl 1.6.13 (1.6.13) <025A905D-C1A3-B24A-1585-37C328D77148>
/System/Library/Frameworks/OpenGL.framework/Versions/A/OpenGL

0x9576a000 - 0x95985ff7 com.apple.JavaScriptCore 6534 (6534.49) <B8523DCA-B8EC-4E44-4E0C-6354BA2E67AB>
/System/Library/Frameworks/JavaScriptCore.framework/Versions/A/JavaScriptCore

0x95986000 - 0x95987ff7 com.apple.TrustEvaluationAgent 1.1 (1) <2D970A9B-77E8-EDC0-BEC6-7580D78B2843>
/System/Library/PrivateFrameworks/TrustEvaluationAgent.framework/Versions/A/TrustEvaluationAgent

0x95990000 - 0x95a92fef com.apple.MeshKitIO 1.1 (49.2) <D0401AC5-1F92-2BBB-EBAB-58EDD3BA61B9>
/System/Library/PrivateFrameworks/MeshKit.framework/Versions/A/Frameworks/MeshKitIO.framework/Versions/A/MeshKitIO

0x95c10000 - 0x95c22ff7 com.apple.MultitouchSupport.framework 207.11 (207.11) <6FF4F2D6-B8CD-AE13-56CB-17437EE5B741>
/System/Library/PrivateFrameworks/MultitouchSupport.framework/Versions/A/MultitouchSupport

0x95c23000 - 0x95c45fef com.apple.DirectoryService.Framework 3.6 (621.12) <A4A47C88-138C-A237-88A5-877E5CAB4494>
/System/Library/Frameworks/DirectoryService.framework/Versions/A/DirectoryService

0x95f81000 - 0x961acff3 com.apple.QuartzComposer 4.2 (156.30) <2C88F8C3-7181-6B1D-B278-E0EE3F33A2AF>
/System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuartzComposer.framework/Versions/A/QuartzComposer

0x961b9000 - 0x96334fe7 com.apple.CoreFoundation 6.6.5 (550.43) <10B8470A-88B7-FC74-1C2F-E5CBD966C051>
/System/Library/Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation

0x96335000 - 0x96338ffb com.apple.help 1.3.2 (41.1) <8AC20B01-4A3B-94BA-D8AF-E39034B97D8C>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Help.framework/Versions/A/Help

0x96339000 - 0x9638fff7 com.apple.MeshKitRuntime 1.1 (49.2) <CB9F38B1-E107-EA62-EDFF-02EE79F6D1A5>
/System/Library/PrivateFrameworks/MeshKit.framework/Versions/A/Frameworks/MeshKitRuntime.framework/Versions/A/MeshKitRuntime
time

0x96390000 - 0x966bfff7 com.apple.QuartzCore 1.6.3 (227.37) <E323A5CC-499E-CA9E-9BC3-537231449CAA>
/System/Library/Frameworks/QuartzCore.framework/Versions/A/QuartzCore

0x966fc000 - 0x96799fe3 com.apple.LaunchServices 362.3 (362.3) <15B47388-16C8-97DA-EEBB-1709E136169E>
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/LaunchServices.framework/Versions/A/LaunchServices
s

0x9679a000 - 0x967b9fe3 libexpat.1.dylib 7.2.0 (compatibility 7.0.0) <82E6F83F-9667-2E39-1D9D-4A49C642527D>
/usr/lib/libexpat.1.dylib

[0x967ba000 - 0x967bbff7 com.apple.MonitorPanelFramework 1.3.0 \(1.3.0\) <0EC4EEFF-477E-908E-6F21-ED2C973846A4>](#)
[/System/Library/PrivateFrameworks/MonitorPanel.framework/Versions/A/MonitorPanel](#)

[0x967bc000 - 0x967bdff7 com.apple.audio.units.AudioUnit 1.6.7 \(1.6.7\) <838E1760-F7D9-3239-B3A8-20E25EFD1379>](#)
[/System/Library/Frameworks/AudioUnit.framework/Versions/A/AudioUnit](#)

[0x967be000 - 0x967c4ff7 libCGXCoreImage.A.dylib 545.0.0 \(compatibility 64.0.0\) <6EE825E7-CBA5-2AD2-0336-244D45A1A834>](#)
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/CoreGraphics.framework/Versions/A/Resources/libCGXCoreImage.A.dylib](#)

[0x967c5000 - 0x968d1ff7 libGLProgrammability.dylib ? \(?\) <04D7E5C3-B0C3-054B-DF49-3B333DCDEE22>](#)
[/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLProgrammability.dylib](#)

[0x96aaf000 - 0x96acaff7 libPng.dylib ? \(?\) <25DF2360-BFD3-0165-51AC-0BDAF7899DEC>](#)
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ImageIO.framework/Versions/A/Resources/libPng.dylib](#)

[0x96aed000 - 0x96af8ff7 libCSync.A.dylib 545.0.0 \(compatibility 64.0.0\) <287DECA3-7821-32B6-724D-AE03A9A350F9>](#)
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/CoreGraphics.framework/Versions/A/Resources/libCSync.A.dylib](#)

[0x96af9000 - 0x96f4afef com.apple.RawCamera.bundle 3.7.1 \(570\) <AF94D180-5E0F-10DF-0CB2-FD8EDB110FA2>](#)
[/System/Library/CoreServices/RawCamera.bundle/Contents/MacOS/RawCamera](#)

[0x96fc3000 - 0x96fc9fe7 com.apple.CommerceCore 1.0 \(9.1\) <521D067B-3BDA-D04E-E1FA-CFA526C87EB5>](#)
[/System/Library/PrivateFrameworks/CommerceKit.framework/Versions/A/Frameworks/CommerceCore.framework/Versions/A/CommerceCore](#)

[0x9700c000 - 0x97086fff com.apple.audio.CoreAudio 3.2.6 \(3.2.6\) <156A532C-0B60-55B0-EE27-D02B82AA6217>](#)
[/System/Library/Frameworks/CoreAudio.framework/Versions/A/CoreAudio](#)

[0x9708f000 - 0x97169fff com.apple.DesktopServices 1.5.11 \(1.5.11\) <800F2040-9211-81A7-B438-7712BF51DEE3>](#)
[/System/Library/PrivateFrameworks/DesktopServicesPriv.framework/Versions/A/DesktopServicesPriv](#)

[0x9716a000 - 0x97222feb libFontParser.dylib ? \(?\) <D57D3834-9395-FD58-092A-49B3708E8C89>](#)
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontParser.dylib](#)

[0x97223000 - 0x9723ffe3 com.apple.openscripting 1.3.1 \(?\) <2A748037-D1C0-6D47-2C4A-0562AF799AC9>](#)
[/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/OpenScripting.framework/Versions/A/OpenScripting](#)

[0x97281000 - 0x9745ffe3 libType1Scaler.dylib ? \(?\) <97A2DBFA-C50B-266C-E63A-D6644F3B737C>](#)
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libType1Scaler.dylib](#)

[0x9748c000 - 0x97497ff7 libGL.dylib ? \(?\) <3E34468F-E9A7-8EFB-FF66-5204BD5B4E21>](#)
[/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGL.dylib](#)

[0x9758b000 - 0x9767fff7 libconv.2.dylib 7.0.0 \(compatibility 7.0.0\) <061ABF36-8BA9-79C1-6CE7-EC69A4998F51>](#)
[/usr/lib/libconv.2.dylib](#)

[0x97680000 - 0x97682ff7 libRadiance.dylib ? \(?\) <5920EB69-8D7F-5EFD-70AD-590FCB5C9E6C>](#)
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ImageIO.framework/Versions/A/Resources/libRadiance.dylib](#)

[0x97683000 - 0x97845feb com.apple.ImageIO.framework 3.0.4 \(3.0.4\) <027F55DF-7E4E-2310-1536-3F470CB8847B>](#)
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ImageIO.framework/Versions/A/ImageIO](#)

[0x97846000 - 0x97848ff7 com.apple.securityhi 4.0 \(36638\) <6118C361-61E7-B34E-93DB-1B88108F8F18>](#)
[/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/SecurityHI.framework/Versions/A/SecurityHI](#)

[0x97855000 - 0x97855ff7 com.apple.ApplicationServices 38 \(38\) <8012B504-3D83-BFBB-DA65-065E061CFE03>](#)
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/ApplicationServices](#)

[0x97856000 - 0x97912fff com.apple.ColorSync 4.6.6 \(4.6.6\) <7CD8B191-039A-02C3-EA5E-4194EC59995B>](#)
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ColorSync.framework/Versions/A/ColorSync](#)

[0x97913000 - 0x97966ff7 com.apple.HIServices 1.8.3 \(?\) <1D3C4587-6318-C339-BD0F-1988F246BE2E>](#)
[/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/HIServices.framework/Versions/A/HIServices](#)

[0x97967000 - 0x97a13fe7 com.apple.CFNetwork 454.12.4 \(454.12.4\) <DEDCD006-389F-967F-3405-EDF541F406D7>](#)
[/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/CFNetwork.framework/Versions/A/CFNetwork](#)

[0x97a19000 - 0x97a19ff7 com.apple.Cocoa 6.6 \(?\) <EA27B428-5904-B00B-397A-185588698BCC>](#)
[/System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa](#)

0x97a62000 - 0x97accfe7 libstdc++.6.dylib 7.9.0 (compatibility 7.0.0) <411D87F4-B7E1-44EB-F201-F8B4F9227213>
/usr/lib/libstdc++.6.dylib
0x97ce7000 - 0x9800bfe7 com.apple.HIToolbox 1.6.5 (?) <21164164-41CE-61DE-C567-32E89755CB34>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/HIToolbox.framework/Versions/A/HIToolbox
0x98025000 - 0x980bdfef edu.mit.Kerberos 6.5.11 (6.5.11) <F36DB665-A88B-7F5B-6244-6A2E7FFFF668>
/System/Library/Frameworks/Kerberos.framework/Versions/A/Kerberos
0x980be000 - 0x98102ff3 com.apple.coreui 2 (114) <2234855E-3BED-717F-0BFA-D1A289ECDBDA>
/System/Library/PrivateFrameworks/CoreUI.framework/Versions/A/CoreUI
0x9814b000 - 0x98160fff com.apple.ImageCapture 6.1 (6.1) <B909459A-EAC9-A7C8-F2A9-CD757CDB59E8>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/ImageCapture.framework/Versions/A/ImageCapture
0x982a1000 - 0x98483fff com.apple.imageKit 2.0.3 (1.0) <6E557757-26F7-7941-8AE7-046EC1871F50>
/System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/ImageKit.framework/Versions/A/ImageKit
0x98492000 - 0x9850dff com.apple.AppleVAFramework 4.10.26 (4.10.26) <B293EC46-9F71-F448-F0E7-2960DC6DAEF7>
/System/Library/PrivateFrameworks/AppleVA.framework/Versions/A/AppleVA
0x9850e000 - 0x9852dff7 com.apple.CoreVideo 1.6.2 (45.6) <EB53CAA4-5EE2-C356-A954-5775F7DDD493>
/System/Library/Frameworks/CoreVideo.framework/Versions/A/CoreVideo
0x9852e000 - 0x98571ff7 com.apple.NavigationServices 3.5.4 (182) <8DC6FD4A-6C74-9C23-A4C3-715B44A8D28C>
/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/NavigationServices.framework/Versions/A/NavigationServices
0x98601000 - 0x98601ff7 com.apple.vecLib 3.6 (vecLib 3.6) <FF4DC8B6-0AB0-DEE8-ADA8-7B57645A1F36>
/System/Library/Frameworks/vecLib.framework/Versions/A/vecLib
0x98602000 - 0x98694fe7 com.apple.print.framework.PrintCore 6.3 (312.7) <7410D1B2-655D-68DA-D4B9-2C65747B6817>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/PrintCore.framework/Versions/A/PrintCore
0x98695000 - 0x986defe7 libTIFF.dylib ? (?) <579DC328-567D-A74C-4BCE-1D1C729E3F6D>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ImageIO.framework/Versions/A/Resources/libTIFF.dylib
0x986df000 - 0x98758ff7 com.apple.PDFKit 2.5.1 (2.5.1) <A068BF37-03E0-A231-2791-561C60C3ED2B>
/System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/PDFKit.framework/Versions/A/PDFKit
0x98759000 - 0x98796ff7 com.apple.SystemConfiguration 1.10.8 (1.10.2) <50E4D49B-4F61-446F-1C21-1B2BA814713D>
/System/Library/Frameworks/SystemConfiguration.framework/Versions/A/SystemConfiguration
0x98893000 - 0x98897ff7 libGIF.dylib ? (?) <2123645B-AC89-C4E2-8757-85834CAE3DD2>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ImageIO.framework/Versions/A/Resources/libGIF.dylib
0x98898000 - 0x989c6fe7 com.apple.CoreData 102.1 (251) <87FE6861-F2D6-773D-ED45-345272E56463>
/System/Library/Frameworks/CoreData.framework/Versions/A/CoreData
0x989c7000 - 0x98a49ffb SecurityFoundation ? (?) <C4506287-1AE2-5380-675D-95B0291AA425>
/System/Library/Frameworks/SecurityFoundation.framework/Versions/A/SecurityFoundation
0x98a4a000 - 0x98a7aff7 com.apple.MeshKit 1.1 (49.2) <5A74D1A4-4B97-FE39-4F4D-E0B80F0ADD87>
/System/Library/PrivateFrameworks/MeshKit.framework/Versions/A/MeshKit
0x98a87000 - 0x98ac1ff7 libcups.2.dylib 2.8.0 (compatibility 2.0.0) <6875335E-0993-0D77-4E80-41763A8477CF>
/usr/lib/libcups.2.dylib
0x98ac2000 - 0x98acfff7 com.apple.NetFS 3.2.2 (3.2.2) <DDC9C397-C35F-8D7A-BB24-3D1B42FA5FAB>
/System/Library/Frameworks/NetFS.framework/Versions/A/NetFS
0x98ad0000 - 0x98af1fe7 com.apple.opengl 12.3.6 (12.3.6) <B4104B80-1CB3-191C-AFD3-697843C6BCFF>
/System/Library/Frameworks/OpenCL.framework/Versions/A/OpenCL
0x98af2000 - 0x98af2ff7 com.apple.CoreServices 44 (44) <51CFA89A-33DB-90ED-26A8-67D461718A4A>
/System/Library/Frameworks/CoreServices.framework/Versions/A/CoreServices
0x98af3000 - 0x9984dfe7 com.apple.WebCore 6534 (6534.50) <492FD955-DCB6-2E2D-3F51-CF295516877A>
/System/Library/Frameworks/WebKit.framework/Versions/A/Frameworks/WebCore.framework/Versions/A/WebCore
0x9984e000 - 0x99ab4ff7 com.apple.security 6.1.2 (55002) <64A20CEB-E614-D35F-7B9F-246BCB25BA23>
/System/Library/Frameworks/Security.framework/Versions/A/Security
0x99aeb000 - 0x99b0fff7 libJPEG.dylib ? (?) <EA97DEC5-6E16-B51C-BF55-F6E8D23526AD>
/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ImageIO.framework/Versions/A/Resources/libJPEG.dylib

EG.dylib

0x99b10000 - 0x99b8dff7 com.apple.iLifeMediaBrowser 2.5.5 (468.2.2) <459C8983-EAC4-7067-3355-5299D111D339>

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

0x99b8e000 - 0x99c6efe7 com.apple.vImage 4.1 (4.1) <D029C515-08E1-93A6-3705-DD062A3A672C>

/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vImage.framework/Versions/A/vImage

0x99d10000 - 0x99d13ff7 libCGXType.A.dylib 545.0.0 (compatibility 64.0.0) <4D766435-EB76-C384-0127-1D20ACD74076>

/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/CoreGraphics.framework/Versions/A/Resources/libCGXType.A.dylib

0x99d14000 - 0x99d94feb com.apple.SearchKit 1.3.0 (1.3.0) <9E18AEA5-F4B4-8BE5-EEA9-818FC4F46FD9>

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

0x99d95000 - 0x99ec2ffb com.apple.MediaToolbox 0.484.52 (484.52) <C9035045-D1B4-1B1F-7354-B00D1094D804>

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

0x99ec3000 - 0x99eeaff7 com.apple.quartzfilters 1.6.0 (1.6.0) <879A3B93-87A6-88FE-305D-DF1EAED04756>

/System/Library/Frameworks/Quartz.framework/Versions/A/Frameworks/QuartzFilters.framework/Versions/A/QuartzFilters

0x99eeb000 - 0x99fbcfe3 ColorSyncDeprecated.dylib 4.6.0 (compatibility 1.0.0) <1C3E1CEF-6E88-4EAF-8A6E-4EC4C5642DDB>

/System/Library/Frameworks/ApplicationServices.framework/Frameworks/ColorSync.framework/Versions/A/Resources/ColorSyncDeprecated.dylib

0x99fc3000 - 0x99fd7ffb com.apple.speech.synthesis.framework 3.10.35 (3.10.35) <57DD5458-4F24-DA7D-0927-C3321A65D743>

/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/SpeechSynthesis.framework/Versions/A/SpeechSynthesis

0x99fd8000 - 0x99fe1ff7 com.apple.DiskArbitration 2.3 (2.3) <E9C40767-DA6A-6CCB-8B00-2D5706753000>

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

0x99fe2000 - 0x9a015fff libTrueTypeScaler.dylib ? (?) <0F04DAC3-829A-FA1B-E9D0-1E9505713C5C>

/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libTrueTypeScaler.dylib

0x9a016000 - 0x9a027ff7 com.apple.LangAnalysis 1.6.6 (1.6.6) <3036AD83-4F1D-1028-54EE-54165E562650>

/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/LangAnalysis.framework/Versions/A/LangAnalysis

0x9a028000 - 0x9a0d6ff3 com.apple.ink.framework 1.3.3 (107) <233A981E-A2F9-56FB-8BDE-C2DEC3F20784>

/System/Library/Frameworks/Carbon.framework/Versions/A/Frameworks/Ink.framework/Versions/A/Ink

0x9a0d7000 - 0x9a12ffe7 com.apple.datadetectorscore 2.0 (80.7) <58C659CA-72CC-31D2-9732-09BF1A0CAAF6>

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

0x9a130000 - 0x9a1e9fe7 libsqlite3.dylib 9.6.0 (compatibility 9.0.0) <52438E77-55D1-C231-1936-76F1369518E4>

/usr/lib/libsqlite3.dylib

0x9a1ea000 - 0x9a1eaff7 com.apple.Accelerate.vecLib 3.6 (vecLib 3.6) <ABF97DA4-3BDF-6FFD-6239-B023CA1F7974>

/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/vecLib

0x9a1eb000 - 0x9a1f7ff7 libkxld.dylib ? (?) <9A441C48-2D18-E716-5F38-CBEAE6A0BB3E> /usr/lib/system/libkxld.dylib

0x9a1f8000 - 0x9a220ff7 libxslt.1.dylib 3.24.0 (compatibility 3.0.0) <315D97C2-4E1F-A95F-A759-4A3FA5639E75>

/usr/lib/libxslt.1.dylib

0x9a221000 - 0x9a22ffe7 libz.1.dylib 1.2.3 (compatibility 1.0.0) <33C1B260-ED05-945D-FC33-EF56EC791E2E> /usr/lib/libz.1.dylib

0x9a247000 - 0x9a294feb com.apple.DirectoryService.PasswordServerFramework 6.1 (6.1)

<00A1A83B-0E7D-D0F4-A643-8C5675C2BB21>

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

0x9a295000 - 0x9a2d7ff7 libvDSP.dylib 268.0.1 (compatibility 1.0.0) <8A4721DE-25C4-C8AA-EA90-9DA7812E3EBA>

/System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libvDSP.dylib

0x9a2e8000 - 0x9a323feb libFontRegistry.dylib ? (?) <AD45365E-A3EA-62B8-A288-1E13DBA22B1B>

/System/Library/Frameworks/ApplicationServices.framework/Versions/A/Frameworks/ATS.framework/Versions/A/Resources/libFontRegistry.dylib

0x9a32b000 - 0x9a32bff7 liblangid.dylib ? (?) <B99607FC-5646-32C8-2C16-AFB5EA9097C2> /usr/lib/liblangid.dylib

0x9a372000 - 0x9a4f4fe7 libicucore.A.dylib 40.0.0 (compatibility 1.0.0) <D5980817-6D19-9636-51C3-E82BAE26776B>

/usr/lib/libicucore.A.dylib

0x9a502000 - 0x9a502ff7 com.apple.quartzframework 1.5 (1.5) <4EE8095D-5E47-1EB6-3A8A-6ECE3BEC8647>

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

0x9a503000 - 0x9a646fef com.apple.QTKit 7.7 (1783) <0C6814E2-98C2-74F4-770F-BA355CA86F0F>
/System/Library/Frameworks/QTKit.framework/Versions/A/QTKit
0x9a78a000 - 0x9a7bdf77 com.apple.AE 496.5 (496.5) <BF9673D5-2419-7120-26A3-83D264C75222>
/System/Library/Frameworks/CoreServices.framework/Versions/A/Frameworks/AE.framework/Versions/A/AE
0x9a7be000 - 0x9a965ff7 libSystem.B.dylib 125.2.11 (compatibility 1.0.0) <2DCD13E3-1BD1-6F25-119A-3863A3848B90>
/usr/lib/libSystem.B.dylib
0x9aa03000 - 0x9aa49ff7 libauto.dylib ? (?) <29422A70-87CF-10E2-CE59-FEE1234CFAAE> /usr/lib/libauto.dylib
0x9aa60000 - 0x9aa96fff libtidy.A.dylib ? (?) <0FD72C68-4803-4C5B-3A63-05D7394BFD71> /usr/lib/libtidy.A.dylib
0x9aa97000 - 0x9aadaff7 libGLU.dylib ? (?) <FB26DD53-03F4-A7D7-8804-EBC5B3B37FA3>
/System/Library/Frameworks/OpenGL.framework/Versions/A/Libraries/libGLU.dylib
0x9aadb000 - 0x9aaeffe7 libbsm.0.dylib ? (?) <14CB053A-7C47-96DA-E415-0906BA1B78C9> /usr/lib/libbsm.0.dylib
0x9aaf0000 - 0x9ab2eff7 com.apple.QuickLookFramework 2.3 (327.6) <66955C29-0C99-D02C-DB18-4952AFB4E886>
/System/Library/Frameworks/QuickLook.framework/Versions/A/QuickLook
0xffff0000 - 0xffff1fff libSystem.B.dylib ? (?) <2DCD13E3-1BD1-6F25-119A-3863A3848B90> /usr/lib/libSystem.B.dylib

Model: MacBookPro6,2, BootROM MBP61.0057.B0C, 2 processors, Intel Core i7, 2.66 GHz, 4 GB, SMC 1.58f16

Graphics: NVIDIA GeForce GT 330M, NVIDIA GeForce GT 330M, PCIe, 512 MB

Graphics: Intel HD Graphics, Intel HD Graphics, Built-In, 288 MB

Memory Module: global_name

AirPort: spairport_wireless_card_type_airport_extreme (0x14E4, 0x93), Broadcom BCM43xx 1.0 (5.10.131.42.4)

Bluetooth: Version 2.4.5f3, 2 service, 19 devices, 1 incoming serial ports

Network Service: Ethernet, Ethernet, en0

Serial ATA Device: Hitachi HTS545050B9SA02, 465,76 GB

Serial ATA Device: HL-DT-ST DVDRW GS23N

USB Device: Hub, 0x0424 (SMSC), 0x2514, 0xfa100000 / 2

USB Device: BRCM2070 Hub, 0x0a5c (Broadcom Corp.), 0x4500, 0xfa110000 / 5

USB Device: Bluetooth USB Host Controller, 0x05ac (Apple Inc.), 0x8218, 0xfa113000 / 8

USB Device: Apple Internal Keyboard / Trackpad, 0x05ac (Apple Inc.), 0x0237, 0xfa120000 / 4

USB Device: Internal Memory Card Reader, 0x05ac (Apple Inc.), 0x8403, 0xfa130000 / 3

USB Device: Hub, 0x0424 (SMSC), 0x2514, 0xfd100000 / 2

USB Device: iLok, 0x088e, 0x5036, 0xfd130000 / 5

USB Device: Built-in iSight, 0x05ac (Apple Inc.), 0x8507, 0xfd110000 / 4

USB Device: IR Receiver, 0x05ac (Apple Inc.), 0x8242, 0xfd120000 / 3

History

#1 - 2011-10-04 06:19 am - Trond Lossius

- Status changed from New to Rejected

Hi Olivier,

the patch doesn't crash here, but there are problems with how you are doing it.

If you want to use AudioGraph objects (the ones ending with □) you have to be aware that they can not be used interchangeable with MSP objects (the ones ending with ~). MSP has one way of passing signals between objects (compiling the audio chain when you turn audio on), while AudioGraph depends on a totally different system for how to communicate audio between objects.

So whenever you want to use MSP and AudioGraph objects, you'll need to use `jcom.pack□` to translate from MSP to AudioGraph and likewise `jcom.unpack□` to translate back from AudioGraph to MSP. In your patch you seem to try to connect AudioGraph and MSP objects without using `jcom.pack□` in-between.

I'm not sure why you want to use AudioGraph objects at all in this patch. If you want to expand the patch to support multichannel it will make sense.

Likewise if you want to build an AudioUnit plugin with Plugtastic. But in the latter case Plugtastic is not quite ready for it yet, and you would have to do further work on your patch, as a Plugtastic patch would need to use AudioGraph and Graph objects only (that's the ones ending with #). Once we have Plugtastic working, I hope to get the time to add some tutorials on how to do this.

Below are two modified versions of the audio part of your patch, showing how you can do it. In this case I would expect the solution that is mixing AudioGraph and MSP objects to be much less efficient than the MSP only solution, and if you are just going to process mono signals in Max, I would suggest staying with MSP and not use AudioGraph.

I hope this help. I'll investigate a bit further to see if I can reproduce the crash, as it could hint at a problem if changing an MSP patch one object a time to become AudioGraph. If so, I'll log it as a new issue.

Best,
Trond

```
-----begin_max5_patcher-----  
859.3oc2XtqaaCCEFd19ofPKcwwPTTWK5PxTmJPAZQWJBjnknsUhDoqHUtzf  
j41Wy9jTdqNVNsVVP1RwnKxPTzGd324mGdHeX7HqYr6HbKvaAeELZzCiGMR2  
jpgQUuOxJGeWbFlq6lULKOmPEVSLeSPtSna+cmA9bAlxyvhT5Bv7BVN3hxjT  
16KvqVBDLvG9zGW+uWrXIYPsmZOo1C3Tavkq6DiJ3o+fn5HT8USyqJHboCH  
GFF8aEjXgwPNAHkAb77pawmMFsLOklQD5lAbSirRw5Ved.vh3kx4vVF2qlwc  
7Bz9ZTM6mlno.a1Um45YUaFPw45Yf0WHEIXJ1R8oGGOV8XROvblkUvdC56UI  
6pL.xMn+XNx0vb6nFYt6qlyGVctI4tPT+wbWXqz4niMyojakF9uP9UxXwzR5  
Jb70+9W+D.s5F370yFWmntBNmcCN3VfKB1H2bZjaUeyLth6WQLifEOcAEmYM  
AXYAt7HC21h1iBjpVQGZ2HjfcBRX0JwowLJUMp8BqNXgnqmuVq34zeBwpcpZ  
VHh7OkDhbJdEeIS7Dvsib0WmRz2wd+b04exU39Wfa3ZnaibMnSbcdFCKN95U  
7MjB7BhRvddNkg.Jx4fySoBRwM3LoRw11tq.Wqf8h76OgLJznmcaLaAJ7DLA  
wrzuWhSdpqllB05MiRqY152QwLxVa2nvFQazgjj3nqlk1Upj6JSMU.ff8XhW  
SE.ITQ6byM6WS45oZksgg9lJ86iSSDXJ2v0jGYOU1hFxSvcAmqlyK.hkXA3d  
VIXdJMAfk+jlyQaZ9Vv0bvbVgpCSTOdSVFfRHlp3BmH.XgnHcVofvA33XVQ  
hzjY2ud.yRkZfVIUTWEeHwvCLZ3aR.gpGMPvcDMbFxyYXn99ywbXYK7MxwJ.  
Dz7la1+2VJbP0t6HTOjQ1eqk7MWJrSzI2Yx5u51BBCMIZ6QpizScavnSUo8  
gTmQPHxT5Z+g2pKpo4xLb75C5pGI8FJu3di0dqp8sQNmUVDu11qu+CvFGNgv  
k0anYXsNoNCUsNsLMlgPquqRdZxJlb0PkSrCAPa8l0AH1qO8BGuu8l0UfreN  
ENrbJpMbBNr9jea3TzvF6raiO4On9DrMwNmkgSn1vl3v5Spzl6O1Ye.9j7kG  
G+G.SISjJ.  
-----end_max5_patcher-----
```

#2 - 2011-10-04 06:26 am - Trond Lossius

I don't manage to reproduce the crash, but I hope the above helps.