Untitled4

David's MacBook Pro (2) 〉 Benchmarks

Run 1 of 1 | 00:00:03

ANY ATTRIBUTE target INSTRUMENT *

Target Threads CPUs Instruments

Duplicate

00:02.000 00:02.500 00:03.000 00:03.500

Time Profiler
Instrument
CPU Usage

Points of Interest
Instrument
Points
Code 0

Code 0 Start: (0x0 0x0 0x0 0x0), End: (0x0...

Time Profiler 〉 Profile 〉 Root 〉 tracktion::engine::EditItemIDBenchmarks::runTest()

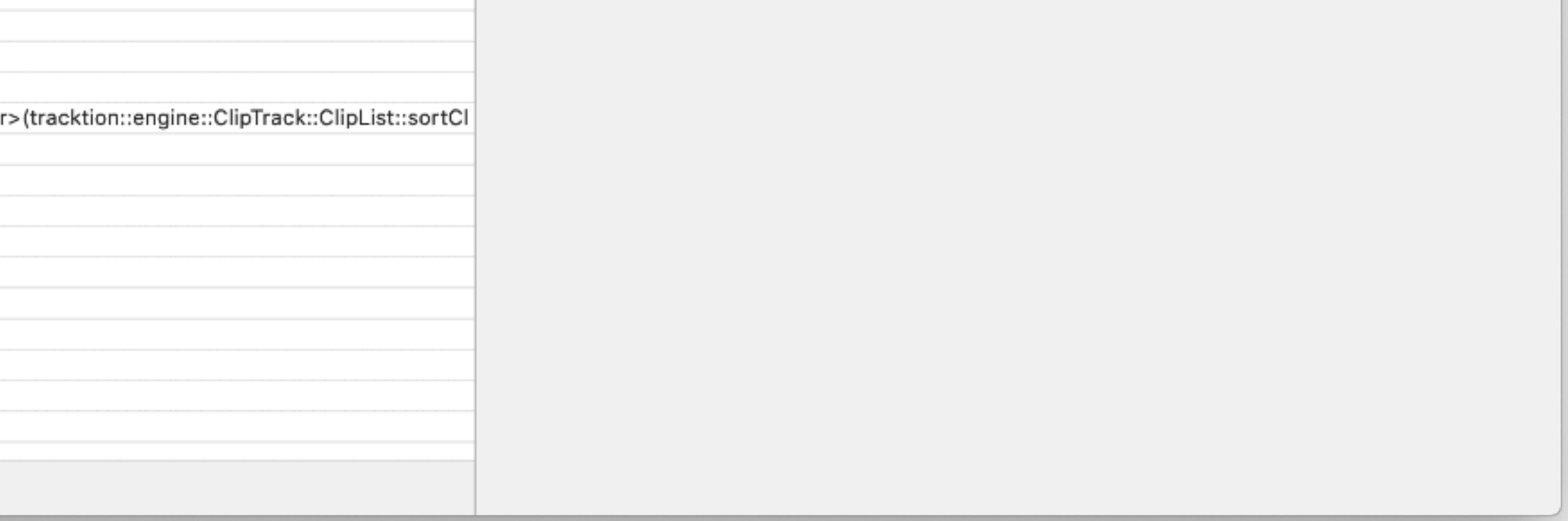
Weight		Self Weight	Symbol Name
235.00 ms	100.0%	0 s	▼tracktion::engine::EditItemIDBenchmarks::runTest() Benchmarks
156.00 ms	66.3%	0 s	▼tracktion::engine::Edit::Edit(tracktion::engine::Edit::Options) Benchmarks
156.00 ms	66.3%	0 s	▼tracktion::engine::Edit::initialise() Benchmarks
151.00 ms	64.2%	0 s	▼tracktion::engine::Edit::loadTracks() Benchmarks
151.00 ms	64.2%	0 s	▼tracktion::engine::TrackList::TrackList(tracktion::engine::Edit&, juce::ValueTree const&) Benchmarks
151.00 ms	64.2%	0 s	▼tracktion::engine::ValueTreeObjectList<tracktion::engine::Track, juce::DummyCriticalSection>::rebuildObjects() Benchmarks
151.00 ms	64.2%	0 s	▼tracktion::engine::TrackList::createNewObject(juce::ValueTree const&) Benchmarks
151.00 ms	64.2%	0 s	▼tracktion::engine::Edit::loadTrackFrom(juce::ValueTree&) Benchmarks
151.00 ms	64.2%	0 s	▼tracktion::engine::Edit::createTrack(juce::ValueTree const&) Benchmarks
147.00 ms	62.5%	0 s	▼tracktion::engine::AudioTrack::AudioTrack(tracktion::engine::Edit&, juce::ValueTree const&) Benchmarks
146.00 ms	62.1%	0 s	▼tracktion::engine::ClipTrack::ClipTrack(tracktion::engine::Edit&, juce::ValueTree const&, double, double, double) Benchmarks
138.00 ms	58.7%	0 s	▼tracktion::engine::ClipTrack::ClipList::ClipList(tracktion::engine::ClipTrack&, juce::ValueTree const&) Benchmarks
138.00 ms	58.7%	0 s	▼tracktion::engine::ValueTreeObjectList<tracktion::engine::Clip, juce::DummyCriticalSection>::rebuildObjects() Benchmarks
137.00 ms	58.2%	0 s	▼tracktion::engine::ClipTrack::ClipList::createNewObject(juce::ValueTree const&) Benchmarks
137.00 ms	58.2%	3.00 ms	▼tracktion::engine::Clip::createClipForState(juce::ValueTree const&, tracktion::engine::ClipTrack&) Benchmarks
120.00 ms	51.0%	7.00 ms	▼tracktion::engine::MidiClip::MidiClip(juce::ValueTree const&, tracktion::engine::EditItemID, tracktion::engine::ClipTrack&) Benchmarks
66.00 ms	28.0%	1.00 ms	▼tracktion::engine::QuantisationType::QuantisationType(juce::ValueTree const&, juce::UndoManager*) Benchmarks
65.00 ms	27.6%	1.00 ms	▼tracktion::engine::QuantisationType::initialiseCachedValues(juce::UndoManager*) Benchmarks
58.00 ms	24.6%	1.00 ms	▼tracktion::engine::QuantisationType::updateType() Benchmarks
20.00 ms	8.5%	11.00 ms	▶juce::String::retainCharacters(juce::StringRef) const Benchmarks
18.00 ms	7.6%	10.00 ms	▶free_tiny libsystem_malloc.dylib
9.00 ms	3.8%	2.00 ms	▶juce::String::String(char const*) Benchmarks
6.00 ms	2.5%	3.00 ms	▶free libsystem_malloc.dylib
2.00 ms	0.8%	0 s	▶<Unknown Address>
1.00 ms	0.4%	1.00 ms	operator delete(void*) libc++abi.dylib
1.00 ms	0.4%	1.00 ms	DYLD-STUB$$operator new[](unsigned long) Benchmarks
3.00 ms	1.2%	0 s	▶juce::ValueTree::addListener(juce::ValueTree::Listener*) Benchmarks
2.00 ms	0.8%	0 s	▶juce::CachedValue<juce::String>::referToWithDefault(juce::ValueTree&, juce::Identifier const&, juce::UndoManager*, juce::String const&) Benchmarks
1.00 ms	0.4%	1.00 ms	juce::ValueTree::operator=(juce::ValueTree const&) Benchmarks
30.00 ms	12.7%	0 s	▶tracktion::engine::Clip::Clip(juce::ValueTree const&, tracktion::engine::ClipTrack&, tracktion::engine::EditItemID, tracktion::engine::TrackItem::Type) Benchma
11.00 ms	4.6%	2.00 ms	▶juce::ValueTree::addListener(juce::ValueTree::Listener*) Benchmarks
2.00 ms	0.8%	2.00 ms	juce::Identifier::operator=(juce::Identifier const&) Benchmarks
2.00 ms	0.8%	0 s	▶operator new(unsigned long) libc++abi.dylib
1.00 ms	0.4%	1.00 ms	tracktion::engine::Engine::getEngineBehaviour() const Benchmarks
1.00 ms	0.4%	0 s	▶juce::CachedValue<juce::String>::referToWithDefault(juce::ValueTree&, juce::Identifier const&, juce::UndoManager*, juce::String const&) Benchmarks
11.00 ms	4.6%	0 s	▶tracktion::engine::MidiClip::initialise() Benchmarks
2.00 ms	0.8%	0 s	▶operator new(unsigned long) libc++abi.dylib
1.00 ms	0.4%	1.00 ms	juce::Identifier::~Identifier() Benchmarks
1.00 ms	0.4%	1.00 ms	juce::ValueTree::Iterator::operator*() const Benchmarks
8.00 ms	3.4%	0 s	▶void juce::ValueTree::sort<tracktion::engine::ClipTrack::ClipList::sortClips(juce::ValueTree&, juce::UndoManager*)::Sorter>(tracktion::engine::ClipTrack::ClipList::sortCl
1.00 ms	0.4%	0 s	▶tracktion::engine::callBlocking(std::__1::function<void ()>) Benchmarks
4.00 ms	1.7%	0 s	▶tracktion::engine::AudioTrack::initialise() Benchmarks
2.00 ms	0.8%	0 s	▶tracktion::engine::Edit::initialiseTracks() Benchmarks
1.00 ms	0.4%	0 s	▶tracktion::engine::callBlocking(std::__1::function<void ()>) Benchmarks
1.00 ms	0.4%	0 s	▶tracktion::engine::Edit::initialiseTimecode(juce::ValueTree&) Benchmarks
1.00 ms	0.4%	0 s	▶juce::UndoManager::clearUndoHistory() Benchmarks
78.00 ms	33.1%	0 s	▶tracktion::engine::Edit::~Edit() Benchmarks
1.00 ms	0.4%	0 s	▶tracktion::engine::ScopedBenchmark::~ScopedBenchmark() Benchmarks

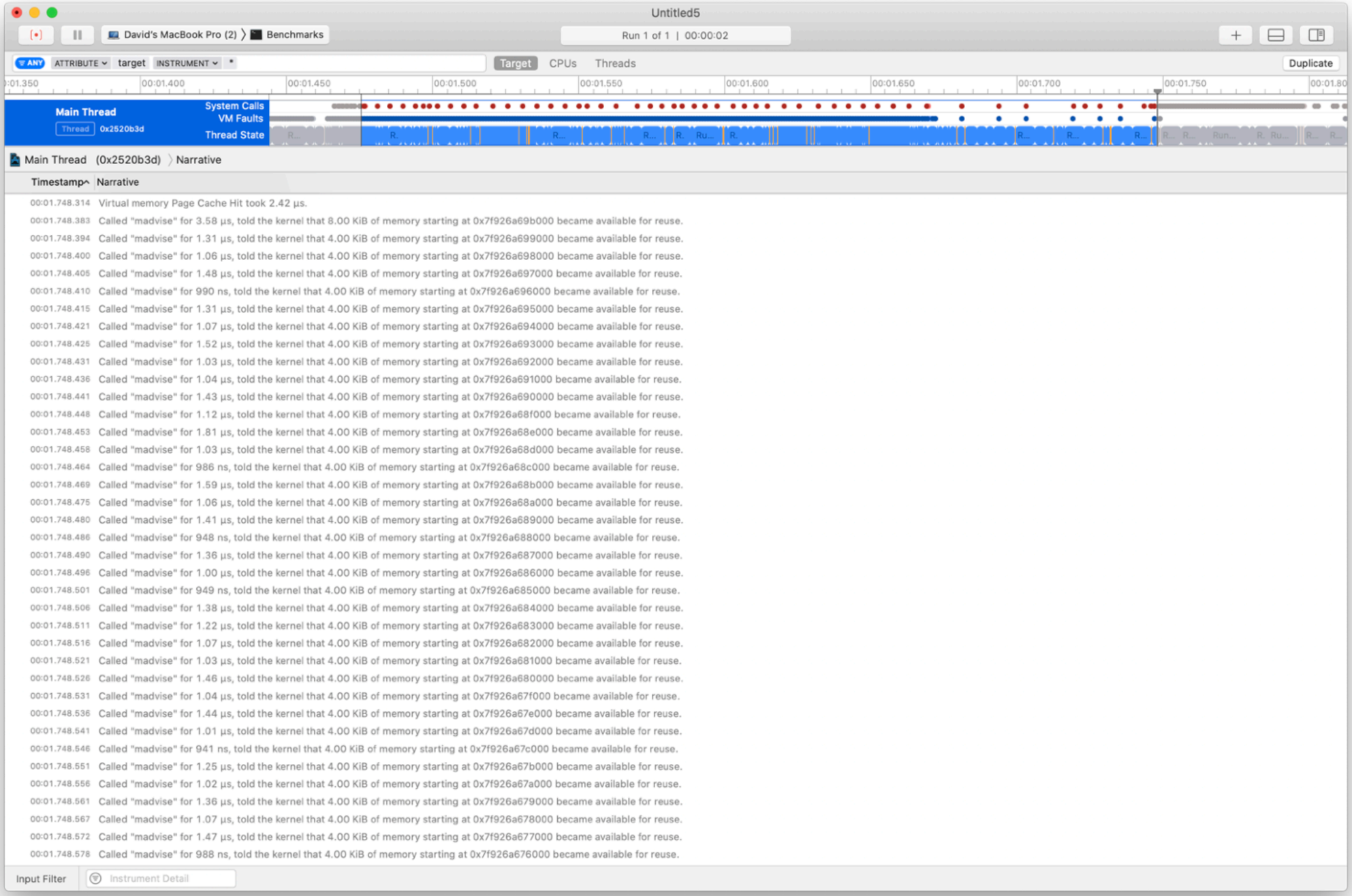
Input Filter 1 Call Tree Call Tree Constraints Data Mining

Heaviest Stack Trace

235 tracktion::engine::EditItemIDBenchmarks::runTest()
156 tracktion::engine::Edit::Edit(tracktion::engine::Edit::Options)
156 tracktion::engine::Edit::initialise()
151 tracktion::engine::Edit::loadTracks()
151 tracktion::engine::TrackList::TrackList(tracktion::engine::Edit&, juce::ValueTree const&)
151 tracktion::engine::ValueTreeObjectList<tracktion::engine::Track, juce::DummyCriticalSecti...
151 tracktion::engine::TrackList::createNewObject(juce::ValueTree const&)
151 tracktion::engine::Edit::loadTrackFrom(juce::ValueTree&)
151 tracktion::engine::Edit::createTrack(juce::ValueTree const&)
147 tracktion::engine::AudioTrack::AudioTrack(tracktion::engine::Edit&, juce::ValueTree const&)
146 tracktion::engine::ClipTrack::ClipTrack(tracktion::engine::Edit&, juce::ValueTree const&, do...
138 tracktion::engine::ClipTrack::ClipList::ClipList(tracktion::engine::ClipTrack&, juce::ValueTre...
138 tracktion::engine::ValueTreeObjectList<tracktion::engine::Clip, juce::DummyCriticalSectio...
137 tracktion::engine::ClipTrack::ClipList::createNewObject(juce::ValueTree const&)
137 tracktion::engine::Clip::createClipForState(juce::ValueTree const&, tracktion::engine::ClipT...
120 tracktion::engine::MidiClip::MidiClip(juce::ValueTree const&, tracktion::engine::EditItemID,...
66 tracktion::engine::QuantisationType::QuantisationType(juce::ValueTree const&, juce::Undo...
65 tracktion::engine::QuantisationType::initialiseCachedValues(juce::UndoManager*)
58 tracktion::engine::QuantisationType::updateType()
20 juce::String::retainCharacters(juce::StringRef) const
8 operator new(unsigned long)
8 malloc
7 malloc_zone_malloc
7 szone_malloc_should_clear
7 tiny_malloc_should_clear
1 tiny_malloc_from_free_list

Time Profiler


r>(tracktion::engine::ClipTrack::ClipList::sortCl



System Trace