Untitled7

David's MacBook Pro (2) ❯ Benchmarks

< Run 3 of 3 | 00:00:01 >

Track Filter | All Tracks | Duplicate

00 | 00:00.650 | 00:00.700 | 00:00.750 | 00:00.800 | 00:00.850 | 00:00.900 | 00:00.950 | 00:01.000

Counters
Instrument

CPU Samples

MispredictedBranches (BR_MI...

MEM_LOAD_RETIRED.L1_MISS

MEM_LOAD_RETIRED.L2_MISS

MEM_LOAD_RETIRED.L3_MISS

Points of Interest
Instrument

Points

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

Counters ❯ Profile ❯ Call Tree

Total	Running Time⌄	Self (ms)		MispredictedB	MEM_LOAD_R	MEM_LOAD_R	MEM_LOAD_R	Symbol Name
1494	1494.0ms 98.6%	0.0		1,263,749	18,058,837	3,725,889	304,561	▼main Benchmarks
1494	1494.0ms 98.6%	0.0		1,263,749	18,058,837	3,725,889	304,561	▼TestRunner::runSingleTest(juce::File const&, juce::String) Benchmarks
1494	1494.0ms 98.6%	0.0		1,263,749	18,058,837	3,725,889	304,561	▼TestRunner::runUnitTests(juce::File const&, juce::Array<juce::UnitTes...
1494	1494.0ms 98.6%	0.0		1,263,749	18,058,837	3,725,889	304,561	▼juce::UnitTestRunner::runTests(juce::Array<juce::UnitTest*, juce::Du...
1493	1493.0ms 98.6%	0.0		1,262,115	18,058,217	3,725,500	304,381	▼tracktion::engine::EditItemIDBenchmarks::runTest() Benchmarks
1400	1400.0ms 92.4%	0.0		958,678	15,726,162	3,167,099	83,998	▼tracktion::engine::Edit::Edit(tracktion::engine::Edit::Options) Be...
1400	1400.0ms 92.4%	0.0		958,678	15,726,162	3,167,099	83,998	▼tracktion::engine::Edit::initialise() Benchmarks
1397	1397.0ms 92.2%	0.0		951,765	15,512,599	3,031,099	16,465	▼tracktion::engine::Edit::loadTracks() Benchmarks
1397	1397.0ms 92.2%	0.0		951,765	15,512,599	3,031,099	16,465	▼tracktion::engine::TrackList::TrackList(tracktion::engine::Ec...
1397	1397.0ms 92.2%	0.0		951,765	15,512,599	3,031,099	16,465	▼tracktion::engine::ValueTreeObjectList<tracktion::engine::
1397	1397.0ms 92.2%	0.0		951,765	15,512,599	3,031,099	16,465	▼tracktion::engine::TrackList::createNewObject(juce::Val...
1397	1397.0ms 92.2%	0.0		951,765	15,512,599	3,031,099	16,465	▼tracktion::engine::Edit::loadTrackFrom(juce::ValueTree...
1397	1397.0ms 92.2%	0.0		951,765	15,512,599	3,031,099	16,465	▼tracktion::engine::Edit::createTrack(juce::ValueTree c...
1355	1355.0ms 89.4%	0.0		906,175	14,823,914	2,902,295	15,458	▼tracktion::engine::AudioTrack::AudioTrack(tracktio...
1335	1335.0ms 88.1%	0.0		887,425	14,452,591	2,831,839	15,158	▼tracktion::engine::ClipTrack::ClipTrack(tracktion::
1248	1248.0ms 82.4%	0.0		850,762	14,016,452	2,746,163	14,009	▼tracktion::engine::ClipTrack::ClipList::ClipList(t
1242	1242.0ms 82.0%	0.0		849,374	14,002,239	2,743,512	13,981	▼tracktion::engine::ValueTreeObjectList<tracktl
1227	1227.0ms 81.0%	4.0		835,686	13,769,753	2,701,868	13,737	▼tracktion::engine::ClipTrack::ClipList::create
1223	1223.0ms 80.7%	52.0		835,651	13,769,669	2,701,811	13,737	▼tracktion::engine::Clip::createClipForState
959	959.0ms 63.3%	37.0		696,957	11,263,893	2,170,825	11,903	▼tracktion::engine::MidiClip::MidiClip(juc
364	364.0ms 24.0%	6.0		284,909	4,306,625	773,558	4,678	▶tracktion::engine::QuantisationType⊕
344	344.0ms 22.7%	46.0		224,409	3,616,842	724,065	4,260	▶tracktion::engine::Clip::Clip(juce::Valu
122	122.0ms 8.0%	32.0		96,145	1,781,101	356,978	1,540	▶juce::ValueTree::addListener(juce::Valu
22	22.0ms 1.4%	22.0		8,215	20,039	5,285	102	juce::Identifier::operator=(juce::Identif
15	15.0ms 0.9%	15.0		7,165	129,962	26,969	89	_platform_bzero$VARIANT$Haswell
14	14.0ms 0.9%	0.0		1,230	1,928	981	17	▶operator new(unsigned long) libc++a

Heaviest Stack Trace

👤	1494.0 main
👤	1494.0 TestRunner::runSingleTest(juce::File const&, juce::String)
👤	1494.0 TestRunner::runUnitTests(juce::File const&, juce::Array<juce::UnitTest*, juce::...
👤	1494.0 juce::UnitTestRunner::runTests(juce::Array<juce::UnitTest*, juce::Dumm...
👤	1493.0 tracktion::engine::EditItemIDBenchmarks::runTest()
👤	1400.0 tracktion::engine::Edit::Edit(tracktion::engine::Edit::Options)
👤	1400.0 tracktion::engine::Edit::initialise()
👤	1397.0 tracktion::engine::Edit::loadTracks()
👤	1397.0 tracktion::engine::TrackList::TrackList(tracktion::engine::Edit&, juce::Va...
👤	1397.0 tracktion::engine::ValueTreeObjectList<tracktion::engine::Track, juce::D...
👤	1397.0 tracktion::engine::TrackList::createNewObject(juce::ValueTree const&)
👤	1397.0 tracktion::engine::Edit::loadTrackFrom(juce::ValueTree&)
👤	1397.0 tracktion::engine::Edit::createTrack(juce::ValueTree const&)
👤	1355.0 tracktion::engine::AudioTrack::AudioTrack(tracktion::engine::Edit&, juce:...
👤	1335.0 tracktion::engine::ClipTrack::ClipTrack(tracktion::engine::Edit&, juce::Va...
👤	1248.0 tracktion::engine::ClipTrack::ClipList::ClipList(tracktion::engine::ClipTra...
👤	1242.0 tracktion::engine::ValueTreeObjectList<tracktion::engine::Clip, juce::Du...
👤	1227.0 tracktion::engine::ClipTrack::ClipList::createNewObject(juce::ValueTree...
👤	1223.0 tracktion::engine::Clip::createClipForState(juce::ValueTree const&, trac...
👤	959.0 tracktion::engine::MidiClip::MidiClip(juce::ValueTree const&, tracktion::...
👤	364.0 tracktion::engine::QuantisationType::QuantisationType(juce::ValueTree c...
👤	354.0 tracktion::engine::QuantisationType::initialiseCachedValues(juce::Undo...
👤	311.0 tracktion::engine::QuantisationType::updateType()
👤	119.0 juce::String::retainCharacters(juce::StringRef) const
▶	26.0 operator new(unsigned long)

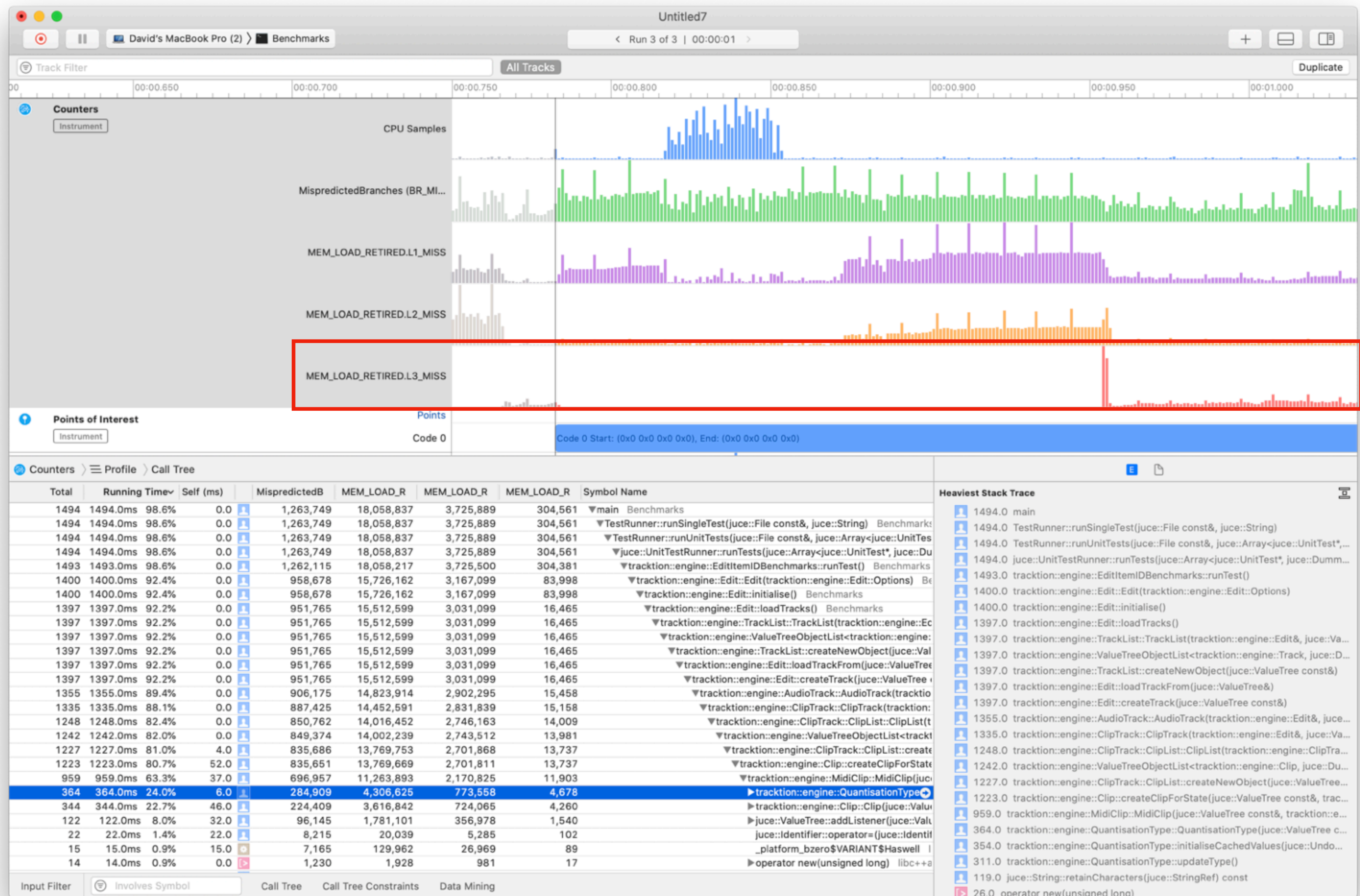Input Filter | Involves Symbol | Call Tree | Call Tree Constraints | Data Mining

Performance Counters

Performance Counters

Memory Access

L1 — 3 cycles

L2 — 20 cycles

RAM — 200+ cycles