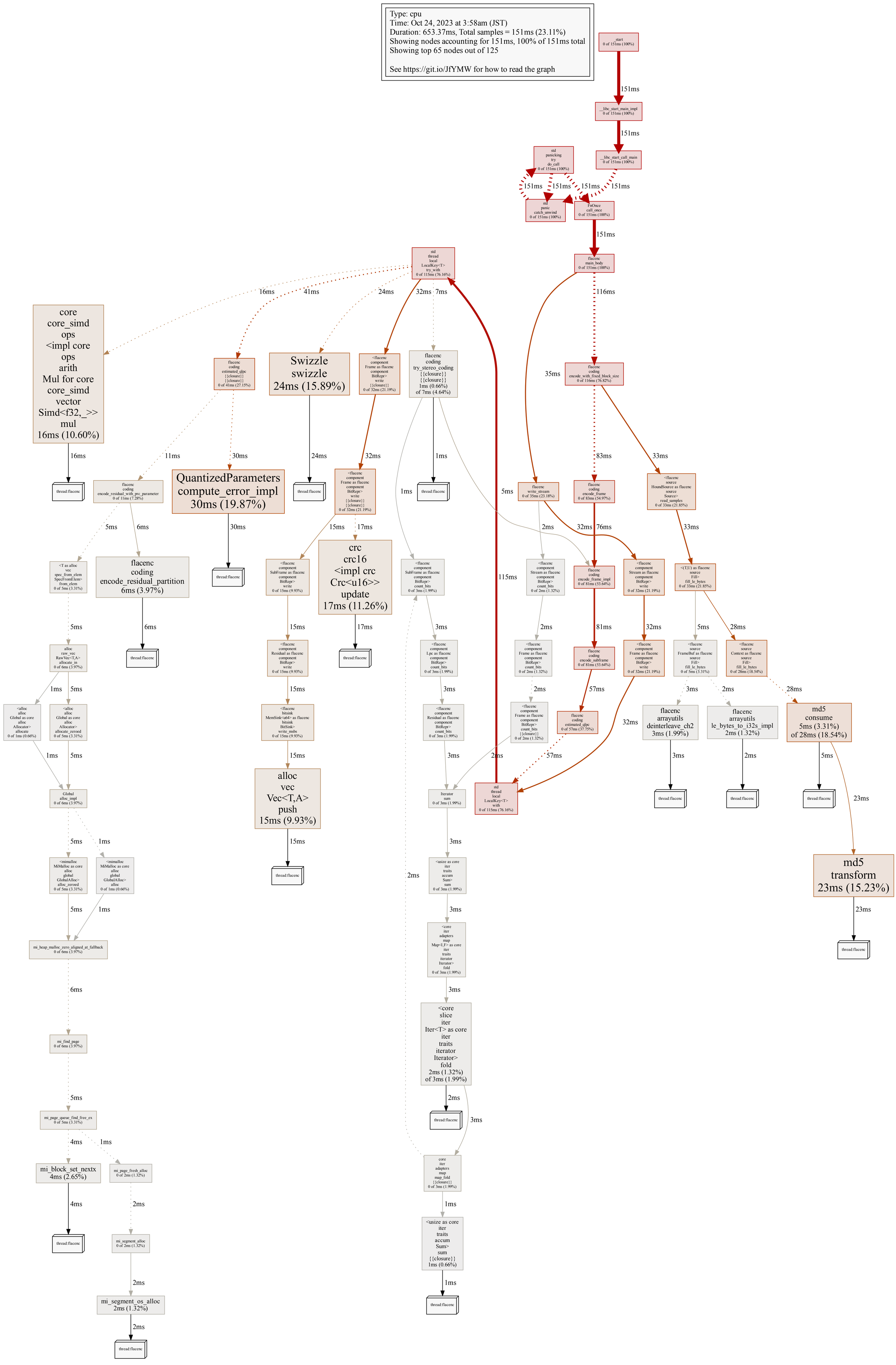
Type: cpu
Time: Oct 24, 2023 at 3:58am (JST)
Duration: 653.37ms, Total samples = 151ms (23.11%)
Showing nodes accounting for 151ms, 100% of 151ms total
Showing top 65 nodes out of 125
See https://git.io/JfYMW for how to read the graph
_start 0 of 151ms (100%)
151ms
__libc_start_main_impl 0 of 151ms (100%)
151ms
__libc_start_call_main 0 of 151ms (100%)
std panicking try do_call 0 of 151ms (100%)
151ms
std panic catch_unwind 0 of 151ms (100%)
FnOnce call_once 0 of 151ms (100%)
151ms
flacenc main_body 0 of 151ms (100%)
116ms
35ms
flacenc coding encode_with_fixed_block_size 0 of 116ms (76.82%)
83ms
33ms
flacenc write_stream 0 of 35ms (23.18%)
flacenc coding encode_frame 0 of 83ms (54.97%)
flacenc source HoundSource as flacenc source Source> read_samples 0 of 33ms (21.85%)
5ms
2ms
32ms
76ms
33ms
115ms
flacenc coding encode_frame_impl 0 of 81ms (53.64%)
flacenc component Stream as flacenc component BitRepr> write 0 of 32ms (21.19%)
<(T,U) as flacenc source Fill> fill_le_bytes 0 of 33ms (21.85%)
flacenc component Stream as flacenc component BitRepr> count_bits 0 of 2ms (1.32%)
2ms
81ms
32ms
5ms
28ms
flacenc component Frame as flacenc component BitRepr> count_bits 0 of 2ms (1.32%)
flacenc coding encode_subframe 0 of 81ms (53.64%)
flacenc component Frame as flacenc component BitRepr> write 0 of 32ms (21.19%)
flacenc source FrameBuf as flacenc source Fill> fill_le_bytes 0 of 5ms (3.31%)
flacenc source Context as flacenc source Fill> fill_le_bytes 0 of 28ms (18.54%)
2ms
57ms
32ms
3ms
2ms
28ms
flacenc component Frame as flacenc component BitRepr> count_bits {{closure}} 0 of 2ms (1.32%)
flacenc coding estimated_qlpc 0 of 57ms (37.75%)
flacenc arrayutils deinterleave_ch2 3ms (1.99%)
flacenc arrayutils le_bytes_to_i32s_impl 2ms (1.32%)
md5 consume 5ms (3.31%) of 28ms (18.54%)
3ms
2ms
5ms
2ms
57ms
thread:flacenc
23ms
std thread local LocalKey<T> with 0 of 115ms (76.16%)
16ms
41ms
24ms
32ms
7ms
core core_simd ops <impl core ops arith Mul for core core_simd vector Simd<f32,_>> mul 16ms (10.60%)
flacenc coding estimated_qlpc {{closure}} {{closure}} 0 of 41ms (27.15%)
Swizzle swizzle 24ms (15.89%)
<flacenc component Frame as flacenc component BitRepr> write {{closure}} 0 of 32ms (21.19%)
flacenc coding try_stereo_coding {{closure}} {{closure}} 1ms (0.66%) of 7ms (4.64%)
16ms
11ms
30ms
24ms
32ms
1ms
1ms
thread:flacenc
flacenc coding encode_residual_with_prc_parameter 0 of 11ms (7.28%)
QuantizedParameters compute_error_impl 30ms (19.87%)
<flacenc component Frame as flacenc component BitRepr> write {{closure}} {{closure}} 0 of 32ms (21.19%)
5ms
6ms
30ms
15ms
17ms
<T as alloc vec spec_from_elem SpecFromElem> from_elem 0 of 5ms (3.31%)
flacenc coding encode_residual_partition 6ms (3.97%)
<flacenc component SubFrame as flacenc component BitRepr> write 0 of 15ms (9.93%)
crc crc16 <impl crc Crc<u16>> update 17ms (11.26%)
<flacenc component SubFrame as flacenc component BitRepr> count_bits 0 of 3ms (1.99%)
5ms
6ms
15ms
17ms
3ms
alloc raw_vec RawVec<T,A> allocate_in 0 of 6ms (3.97%)
<flacenc component Residual as flacenc component BitRepr> write 0 of 15ms (9.93%)
<flacenc component Lpc as flacenc component BitRepr> count_bits 0 of 3ms (1.99%)
1ms
5ms
15ms
3ms
<alloc alloc Global as core alloc Allocator> allocate 0 of 1ms (0.66%)
<alloc alloc Global as core alloc Allocator> allocate_zeroed 0 of 5ms (3.31%)
<flacenc component Residual as flacenc component BitRepr> count_bits 0 of 3ms (1.99%)
<flacenc bitsink MemSink<u64> as flacenc bitsink BitSink> write_msbs 0 of 15ms (9.93%)
1ms
5ms
3ms
15ms
Global alloc_impl 0 of 6ms (3.97%)
alloc vec Vec<T,A> push 15ms (9.93%)
Iterator sum 0 of 3ms (1.99%)
2ms
5ms
1ms
15ms
<mimalloc MiMalloc as core alloc global GlobalAlloc> alloc_zeroed 0 of 5ms (3.31%)
<mimalloc MiMalloc as core alloc global GlobalAlloc> alloc 0 of 1ms (0.66%)
<usize as core iter traits accum Sum> sum 0 of 3ms (1.99%)
md5 transform 23ms (15.23%)
5ms
1ms
3ms
23ms
mi_heap_malloc_zero_aligned_at_fallback 0 of 6ms (3.97%)
<core iter adapters map Map<I,F> as core iter traits iterator Iterator> fold 0 of 3ms (1.99%)
6ms
3ms
mi_find_page 0 of 6ms (3.97%)
<core slice iter Iter<T> as core iter traits iterator Iterator> fold 2ms (1.32%) of 3ms (1.99%)
2ms
3ms
5ms
mi_page_queue_find_free_ex 0 of 5ms (3.31%)
core iter adapters map map_fold {{closure}} 0 of 3ms (1.99%)
4ms
1ms
mi_block_set_nextx 4ms (2.65%)
mi_page_fresh_alloc 0 of 2ms (1.32%)
<usize as core iter traits accum Sum> sum {{closure}} 1ms (0.66%)
4ms
2ms
1ms
mi_segment_alloc 0 of 2ms (1.32%)
mi_segment_os_alloc 2ms (1.32%)
2ms
2ms