File: goalaric.exe
Type: cpu
64.15s of 71.42s total (89.82%)
Dropped 137 nodes (cum <= 0.36s)
Dropped 9 edges (freq <= 0.07s)

runtime._System
0 of 38.58s(54.02%)

runtime.goexit
0 of 27.30s(38.22%)

runtime.morestack
0 of 0.87s(1.22%)

38.48s

runtime._ExternalCode
38.48s(53.88%)

27.29s

GoAlaric/search.StartSearch
0 of 27.29s(38.21%)

0.87s

runtime.newstack
0.07s(0.098%)
of 0.87s(1.22%)

runtime.mcall
0.03s(0.042%)
of 1.02s(1.43%)

27.29s

GoAlaric/search.Search_go
0 of 27.29s(38.21%)

0.74s

0.73s

runtime.gopreempt_m
0.04s(0.056%)
of 0.74s(1.04%)

runtime.gosched_m
0 of 0.73s(1.02%)

27.29s

GoAlaric/search.search_id
0 of 27.29s(38.21%)

0.70s

0.73s

runtime.mHeap_Alloc
0.03s(0.042%)
of 1.04s(1.46%)

runtime.goschedImpl
0.05s(0.07%)
of 1.43s(2.00%)

27.29s

GoAlaric/search.search_asp
0 of 27.29s(38.21%)

runtime.startTheWorldWithSema
0 of 3.67s(5.14%)

3.67s

0.40s

0.61s

runtime.memclr
0.67s(0.94%)

1.16s

27.29s

GoAlaric/search.search_root
0 of 27.29s(38.21%)

runtime.systemstack
0.06s(0.084%)
of 3.73s(5.22%)

runtime.schedule
0.05s(0.07%)
of 1.42s(1.99%)

27.29s

1.30s 0.40s 0.91s 0.42s

0.08s 0.67s 0.45s

GoAlaric/search.search
1.37s(1.92%)
of 27.29s(38.21%)

runtime.gcsweepone.func1
0 of 1.72s(2.41%)

runtime.mHeap_Alloc.func1
0.01s(0.014%)
of 0.40s(0.56%)

runtime.mallocgc.func2
0 of 1.31s(1.83%)

runtime.mHeap_Free.func1
0.06s(0.084%)
of 0.42s(0.59%)

runtime.findrunnable
0.08s(0.11%)
of 0.67s(0.94%)

runtime.resetspinning
0.04s(0.056%)
of 0.45s(0.63%)

15.35s 0.76s 0.45s 1.37s 1s 0.62s 0.60s

0.13s 1.04s 0.13s 0.40s

1.72s 0.39s 1.31s

GoAlaric/trans.(*Table).Retrieve
0.76s(1.06%)

GoAlaric/search.extension
0.12s(0.17%)
of 0.45s(0.63%)

GoAlaric/search.qs_static
0.02s(0.028%)
of 1.37s(1.92%)

runtime.newobject
0.09s(0.13%)
of 1.02s(1.43%)

GoAlaric/search.s_move
0.04s(0.056%)
of 0.62s(0.87%)

GoAlaric/search.undo
0.03s(0.042%)
of 0.60s(0.84%)

runtime.lock
0.08s(0.11%)
of 0.49s(0.69%)

runtime.wakep
0.05s(0.07%)
of 0.40s(0.56%)

runtime.sweepone
0.09s(0.13%)
of 1.72s(2.41%)

runtime.mHeap_Alloc_m
0.03s(0.042%)
of 0.39s(0.55%)

runtime.mCache_Refill
0 of 1.31s(1.83%)

0.33s 0.29s 0.20s 4.19s 0.93s 0.55s 0.57s 0.25s

GoAlaric/search.evalu8
0.05s(0.07%)
of 16.36s(22.91%)

GoAlaric/eval.Is_check
0.46s(0.64%)
of 0.62s(0.87%)

GoAlaric/gen2.(*List).Next
0.34s(0.48%)
of 4.39s(6.15%)

runtime.mallocgc
0.80s(1.12%)
of 0.93s(1.30%)

GoAlaric/board.(*Board).Move
0.22s(0.31%)
of 0.56s(0.78%)

GoAlaric/board.(*Board).Undo
0.24s(0.34%)
of 0.57s(0.8%)

runtime.osyield
0.56s(0.78%)

1.01s 0.46s

16.31s 1.14s 2.91s 0.28s 0.23s

runtime.mSpan_Sweep
0.11s(0.15%)
of 1.62s(2.27%)

runtime.heapBitsSweepSpan
0.43s(0.6%)
of 0.82s(1.15%)

runtime.mCentral_CacheSpan
0.03s(0.042%)
of 1.31s(1.83%)

GoAlaric/eval.(*Table).Eval
0.35s(0.49%)
of 16.31s(22.84%)

GoAlaric/gen2.(*List).post
0.24s(0.34%)
of 1.14s(1.60%)

GoAlaric/gen2.(*List).gen
0.23s(0.32%)
of 2.91s(4.07%)

GoAlaric/board.(*Board).move_square
0.27s(0.38%)
of 0.51s(0.71%)

0.65s 0.82s 1.31s

15.96s 0.46s 0.59s 0.36s 0.66s 0.37s

runtime.mCentral_FreeSpan
0.07s(0.098%)
of 0.65s(0.91%)

runtime.mSpan_Sweep.func1
0.39s(0.55%)

runtime.mCentral_Grow
0.07s(0.098%)
of 1.14s(1.60%)

GoAlaric/eval.Comp_eval
8.67s(12.14%)
of 15.96s(22.35%)

GoAlaric/gen.Add_evasions
0.05s(0.07%)
of 0.59s(0.83%)

GoAlaric/sort.Sort_evasions
0.08s(0.11%)
of 0.36s(0.5%)

GoAlaric/sort.Sort_history
0.02s(0.028%)
of 0.66s(0.92%)

GoAlaric/gen.Add_captures
0.06s(0.084%)
of 0.37s(0.52%)

0.44s 0.39s 1.14s

0.36s 0.59s 3.09s 1.17s 0.74s 0.53s 0.23s 0.64s

runtime.mHeap_Free
0.02s(0.028%)
of 0.44s(0.62%)

GoAlaric/eval.capture_score
0.36s(0.5%)

GoAlaric/eval.my_distance
0.16s(0.22%)
of 0.5s(0.83%)

GoAlaric/eval.comp_attacks
2.06s(2.88%)
of 3.09s(4.33%)

GoAlaric/eval.check_number
1.10s(1.54%)
of 1.17s(1.64%)

GoAlaric/eval.draw_mul
0.54s(0.76%)
of 0.74s(1.04%)

runtime.duffzero
0.54s(0.76%)

GoAlaric/gen2.(*SEE).See
0.21s(0.29%)
of 0.90s(1.26%)

GoAlaric/gen.(*List).Sort
0.92s(1.29%)

0.43s 0.69s 0.34s 0.81s

GoAlaric/square.Distance
0.22s(0.31%)
of 0.43s(0.6%)

GoAlaric/eval.Piece_attacks_from
0.81s(1.13%)

GoAlaric/eval.Pinned_by
0.36s(0.5%)

GoAlaric/gen2.Is_safe
0.11s(0.15%)
of 0.92s(1.29%)

0.69s

GoAlaric/gen2.(*SEE).see_rec
0.18s(0.25%)
of 0.70s(0.98%)

0.47s

GoAlaric/gen2.(*SEE).pick_lva
0.47s(0.66%)