File: goalaric.exe
Type: cpu
64.17s of 71.80s total (89.37%)
Dropped 178 nodes (cum <= 0.36s)
Dropped 22 edges (freq <= 0.07s)
Showing top 80 nodes out of 81 (cum >= 0.45s)

runtime._System
0 of 40.14s(55.91%)

runtime.goexit
0 of 28.96s(40.33%)

runtime.startTheWorldWithSema
0 of 1.87s(2.60%)

runtime.mcall
0 of 0.61s(0.85%)

GoAlaric/gen.(*List).Sort
0.37s(0.52%)
of 0.39s(0.54%)

40.13s

runtime._ExternalCode
40.13s(55.89%)

28.94s

GoAlaric/search.StartSearch
0 of 28.94s(40.31%)

1.87s

runtime.systemstack
0.01s(0.014%)
of 1.88s(2.62%)

0.37s

runtime.goschedImpl
0.01s(0.014%)
of 0.52s(0.72%)

28.94s

GoAlaric/search.Search_go
0 of 28.94s(40.31%)

0.28s

runtime.mallocgc.func2
0 of 0.40s(0.56%)

1.04s

runtime.gcsweepone.func1
0 of 1.13s(1.57%)

0.43s

runtime.schedule
0.01s(0.014%)
of 0.64s(0.89%)

28.94s

GoAlaric/search.search_id
0 of 28.94s(40.31%)

0.40s

runtime.mCache_Refill
0 of 0.45s(0.63%)

1.13s

runtime.sweepone
0.04s(0.056%)
of 1.13s(1.57%)

0.45s

runtime.findrunnable
0.07s(0.097%)
of 0.45s(0.63%)

28.94s

GoAlaric/search.search_asp
0 of 28.94s(40.31%)

0.45s

runtime.mCentral_CacheSpan
0 of 0.45s(0.63%)

1.06s

runtime.mSpan_Sweep
0.03s(0.042%)
of 1.07s(1.49%)

28.94s

GoAlaric/search.search_root
0 of 28.94s(40.31%)

0.38s

runtime.mCentral_Grow
0.03s(0.042%)
of 0.38s(0.53%)

0.91s

runtime.heapBitsSweepSpan
0.31s(0.43%)
of 0.91s(1.27%)

28.94s

GoAlaric/search.search
0.68s(0.95%)
of 28.94s(40.31%)

0.59s

runtime.mSpan_Sweep.func1
0.5s(0.82%)

16.60s

GoAlaric/search.eval8
0.02s(0.028%)
of 18.24s(25.40%)

2.17s

GoAlaric/search.qs_static
0.01s(0.014%)
of 2.17s(3.02%)

1.31s

GoAlaric/search.s_move
0.01s(0.014%)
of 1.31s(1.82%)

0.37s

GoAlaric/search.extension
0.02s(0.028%)
of 0.37s(0.52%)

1.25s

GoAlaric/search.undo
0.03s(0.042%)
of 1.25s(1.74%)

1.97s

1.64s

0.18s

GoAlaric/gen2.(*List).Next
0.16s(0.22%)
of 2.15s(2.99%)

0.44s

GoAlaric/eval.is_check
0.08s(0.11%)
of 0.73s(1.02%)

0.42s

18.22s

GoAlaric/eval.Eval
0.06s(0.084%)
of 18.22s(25.38%)

0.14s

1.51s

GoAlaric/gen2.(*List).gen
0.06s(0.084%)
of 1.51s(2.10%)

0.48s

GoAlaric/gen2.(*List).post
0.06s(0.084%)
of 0.48s(0.67%)

0.29s

0.57s

GoAlaric/eval.is_check_debug
0.01s(0.014%)
of 0.57s(0.79%)

1.22s

18.16s

GoAlaric/eval.(*Table).eval
0.12s(0.17%)
of 18.16s(25.29%)

0.51s

GoAlaric/gen.Add_captures
0.02s(0.028%)
of 0.51s(0.71%)

0.28s

GoAlaric/gen2.Is_safe
0.02s(0.028%)
of 0.42s(0.58%)

1.29s

0.57s

0.30s

0.23s

GoAlaric/board.(*Board).Move
0.05s(0.07%)
of 1.59s(2.21%)

GoAlaric/board.(*Board).Undo
0.06s(0.084%)
of 1.45s(2.02%)

18.04s

GoAlaric/eval.Comp_eval
5.07s(7.06%)
of 18.04s(25.13%)

0.42s

GoAlaric/gen_add_piece_moves_rare
0.22s(0.31%)
of 0.42s(0.58%)

0.40s

GoAlaric/gen2.(*SEE).See
0.09s(0.13%)
of 0.50s(0.7%)

0.38s

1.15s

1.37s

GoAlaric/board.(*Board).move_square
0.08s(0.11%)
of 2.52s(3.51%)

0.83s

GoAlaric/eval.check_number
0.66s(0.92%)
of 0.83s(1.16%)

0.59s

GoAlaric/piece.Is_minor
0.53s(0.74%)
of 0.59s(0.82%)

0.55s

GoAlaric/eval.attack_rng_score
0.55s(0.77%)

1.37s

GoAlaric/eval.(*PawnTable).Info
0.04s(0.056%)
of 1.37s(1.91%)

0.41s

GoAlaric/eval.draw_mul
0.26s(0.36%)
of 0.41s(0.57%)

0.39s

GoAlaric/eval.my_distance
0.15s(0.21%)
of 0.39s(0.54%)

0.36s

GoAlaric/material.Score
0.32s(0.45%)
of 0.36s(0.5%)

0.78s

GoAlaric/eval.capture_score
0.29s(0.4%)
of 0.78s(1.09%)

4.28s

GoAlaric/eval.comp_attacks
1s(1.39%)
of 4.28s(5.96%)

0.18s

0.41s

GoAlaric/gen2.(*SEE).see_rec
0.07s(0.097%)
of 0.41s(0.57%)

2.41s

GoAlaric/board.(*Board).clear_square
0.36s(0.5%)
of 2.80s(3.90%)

0.42s

0.40s

1.33s

GoAlaric/eval.comp_pawnInfo
0.12s(0.17%)
of 1.33s(1.85%)

0.45s

GoAlaric/board.(*Board).Pieces
0.21s(0.29%)
of 0.50s(0.7%)

2.01s

GoAlaric/eval.Piece_attacks_from
1.02s(1.42%)
of 2.07s(2.88%)

0.24s

1.74s

0.35s

fmt.Sprintf
0.06s(0.084%)
of 4.12s(5.74%)

runtime.convT2E
0.14s(0.19%)
of 0.82s(1.14%)

0.50s

GoAlaric/eval.potential_attacks
0.06s(0.084%)
of 0.50s(0.7%)

0.38s

GoAlaric/eval.shelter_files
0.06s(0.084%)
of 0.38s(0.53%)

0.28s

0.47s

0.67s

0.10s

0.32s

2.58s

0.76s

0.44s

0.56s

fmt.(*pp).doPrintf
0.65s(0.91%)
of 2.58s(3.59%)

runtime.slicebytetostring
0.16s(0.22%)
of 0.76s(1.06%)

fmt.newPrinter
0.15s(0.21%)
of 0.44s(0.61%)

runtime.newobject
0.17s(0.24%)
of 1.33s(1.85%)

0.44s

GoAlaric/eval.is_safe
0.05s(0.07%)
of 0.44s(0.61%)

1.17s

GoAlaric/bit.First
1.65s(2.30%)
of 1.75s(2.44%)

0.10s

0.38s

GoAlaric/bit.Rest
0.78s(1.09%)
of 0.87s(1.21%)

1.55s

fmt.(*pp).printArg
0.50s(0.7%)
of 1.55s(2.16%)

0.56s

runtime.rawstringtmp
0.06s(0.084%)
of 0.56s(0.78%)

0.39s

GoAlaric/eval.is_controlled
0.13s(0.18%)
of 0.39s(0.54%)

0.29s

GoAlaric/eval.slider_pseudo_attacks_to
0.18s(0.25%)
of 0.43s(0.6%)

0.59s

0.68s

fmt.(*pp).fmtInt64
0.09s(0.13%)
of 0.68s(0.95%)

0.50s

runtime.rawstring
0.06s(0.084%)
of 0.50s(0.7%)

0.10s

0.25s

GoAlaric/board.(*Board).PieceSd
2.72s(3.79%)
of 3s(4.18%)

0.09s

0.59s

fmt.(*fmt).integer
0.38s(0.53%)
of 0.59s(0.82%)

0.44s

1.16s

runtime.mallocgc
1.27s(1.77%)
of 1.60s(2.23%)

0.28s

0.10s

GoAlaric/util.ASSERT
0.76s(1.06%)