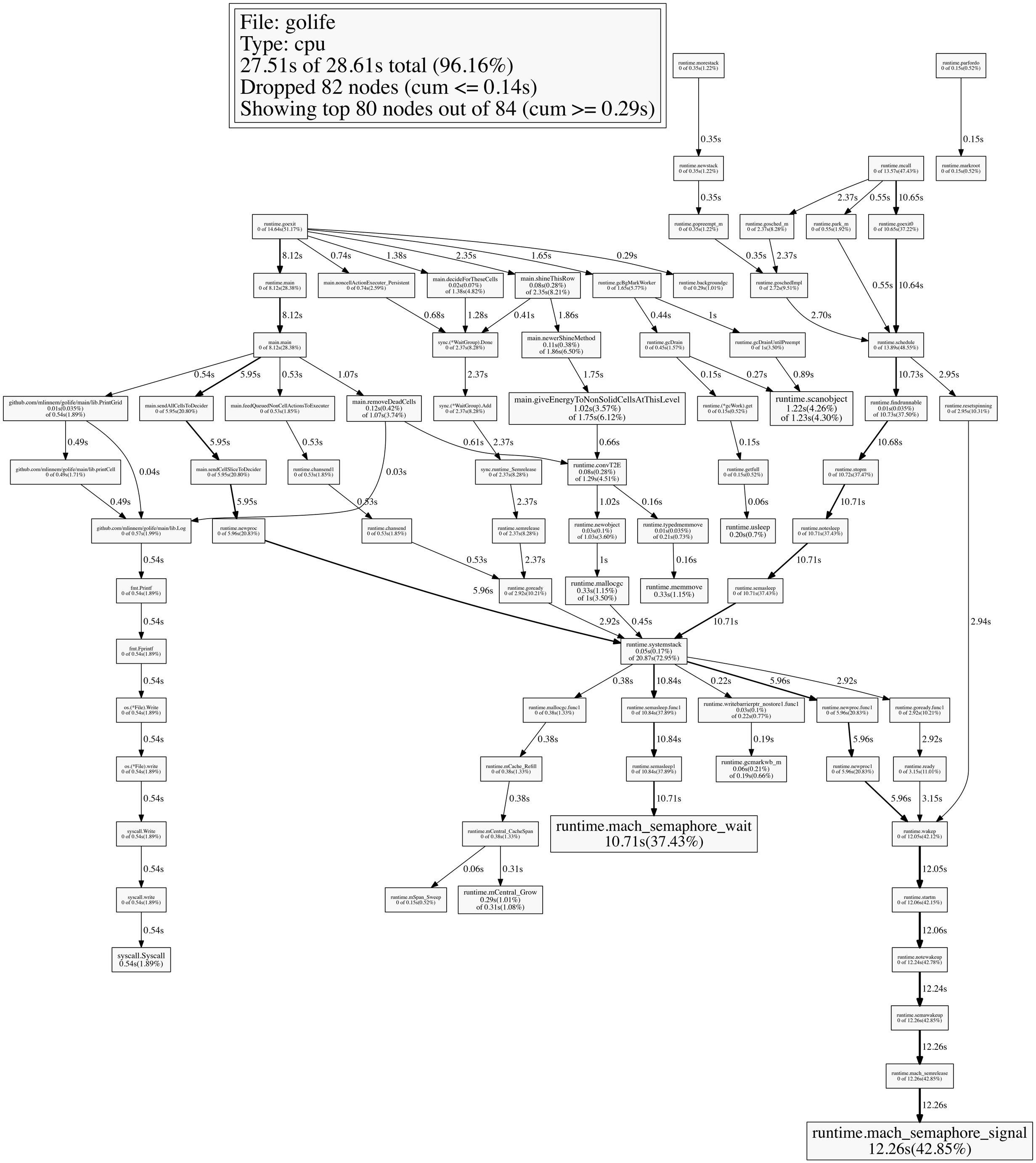
File: golife
Type: cpu
27.51s of 28.61s total (96.16%)
Dropped 82 nodes (cum <= 0.14s)
Showing top 80 nodes out of 84 (cum >= 0.29s)
runtime.morestack 0 of 0.35s(1.22%)
runtime.parfordo 0 of 0.15s(0.52%)
0.35s
0.15s
runtime.newstack 0 of 0.35s(1.22%)
runtime.mcall 0 of 13.57s(47.43%)
runtime.markroot 0 of 0.15s(0.52%)
0.35s
2.37s
0.55s
10.65s
runtime.goexit 0 of 14.64s(51.17%)
runtime.gopreempt_m 0 of 0.35s(1.22%)
runtime.gosched_m 0 of 2.37s(8.28%)
runtime.park_m 0 of 0.55s(1.92%)
runtime.goexit0 0 of 10.65s(37.22%)
8.12s
0.74s
1.38s
2.35s
1.65s
0.29s
0.35s
2.37s
runtime.main 0 of 8.12s(28.38%)
main.noncellActionExecuter_Persistent 0 of 0.74s(2.59%)
main.decideForTheseCells 0.02s(0.07%) of 1.38s(4.82%)
main.shineThisRow 0.08s(0.28%) of 2.35s(8.21%)
runtime.gcBgMarkWorker 0 of 1.65s(5.77%)
runtime.backgroundgc 0 of 0.29s(1.01%)
runtime.goschedImpl 0 of 2.72s(9.51%)
0.55s
10.64s
8.12s
0.68s
1.28s
0.41s
1.86s
0.44s
1s
2.70s
main.main 0 of 8.12s(28.38%)
sync.(*WaitGroup).Done 0 of 2.37s(8.28%)
main.newerShineMethod 0.11s(0.38%) of 1.86s(6.50%)
runtime.gcDrain 0 of 0.45s(1.57%)
runtime.gcDrainUntilPreempt 0 of 1s(3.50%)
runtime.schedule 0 of 13.89s(48.55%)
0.54s
5.95s
0.53s
1.07s
2.37s
1.75s
0.15s
0.27s
0.89s
10.73s
2.95s
github.com/mlinnem/golife/main/lib.PrintGrid 0.01s(0.035%) of 0.54s(1.89%)
main.sendAllCellsToDecider 0 of 5.95s(20.80%)
main.feedQueuedNonCellActionsToExecuter 0 of 0.53s(1.85%)
main.removeDeadCells 0.12s(0.42%) of 1.07s(3.74%)
sync.(*WaitGroup).Add 0 of 2.37s(8.28%)
main.giveEnergyToNonSolidCellsAtThisLevel 1.02s(3.57%) of 1.75s(6.12%)
runtime.(*gcWork).get 0 of 0.15s(0.52%)
runtime.scanobject 1.22s(4.26%) of 1.23s(4.30%)
runtime.findrunnable 0.01s(0.035%) of 10.73s(37.50%)
runtime.resetspinning 0 of 2.95s(10.31%)
0.49s
5.95s
0.53s
0.61s
2.37s
0.66s
0.15s
10.68s
github.com/mlinnem/golife/main/lib.printCell 0 of 0.49s(1.71%)
0.04s
main.sendCellSliceToDecider 0 of 5.95s(20.80%)
runtime.chansend1 0 of 0.53s(1.85%)
0.03s
sync.runtime_Semrelease 0 of 2.37s(8.28%)
runtime.convT2E 0.08s(0.28%) of 1.29s(4.51%)
runtime.getfull 0 of 0.15s(0.52%)
runtime.stopm 0 of 10.72s(37.47%)
0.49s
5.95s
0.53s
2.37s
1.02s
0.16s
0.06s
10.71s
github.com/mlinnem/golife/main/lib.Log 0 of 0.57s(1.99%)
runtime.newproc 0 of 5.96s(20.83%)
runtime.chansend 0 of 0.53s(1.85%)
runtime.semrelease 0 of 2.37s(8.28%)
runtime.newobject 0.03s(0.1%) of 1.03s(3.60%)
runtime.typedmemmove 0.01s(0.035%) of 0.21s(0.73%)
runtime.usleep 0.20s(0.7%)
runtime.notesleep 0 of 10.71s(37.43%)
0.54s
0.53s
2.37s
1s
0.16s
10.71s
fmt.Printf 0 of 0.54s(1.89%)
5.96s
runtime.goready 0 of 2.92s(10.21%)
runtime.mallocgc 0.33s(1.15%) of 1s(3.50%)
runtime.memmove 0.33s(1.15%)
runtime.semasleep 0 of 10.71s(37.43%)
0.54s
2.92s
0.45s
10.71s
2.94s
fmt.Fprintf 0 of 0.54s(1.89%)
runtime.systemstack 0.05s(0.17%) of 20.87s(72.95%)
0.54s
os.(*File).Write 0 of 0.54s(1.89%)
0.38s
10.84s
0.22s
5.96s
2.92s
runtime.mallocgc.func1 0 of 0.38s(1.33%)
runtime.semasleep.func1 0 of 10.84s(37.89%)
runtime.writebarrierptr_nostore1.func1 0.03s(0.1%) of 0.22s(0.77%)
runtime.newproc.func1 0 of 5.96s(20.83%)
runtime.goready.func1 0 of 2.92s(10.21%)
0.54s
0.38s
10.84s
0.19s
5.96s
2.92s
os.(*File).write 0 of 0.54s(1.89%)
runtime.mCache_Refill 0 of 0.38s(1.33%)
runtime.semasleep1 0 of 10.84s(37.89%)
runtime.gcmarkwb_m 0.06s(0.21%) of 0.19s(0.66%)
runtime.newproc1 0 of 5.96s(20.83%)
runtime.ready 0 of 3.15s(11.01%)
0.54s
0.38s
10.71s
5.96s
3.15s
syscall.Write 0 of 0.54s(1.89%)
runtime.mach_semaphore_wait 10.71s(37.43%)
runtime.mCentral_CacheSpan 0 of 0.38s(1.33%)
runtime.wakep 0 of 12.05s(42.12%)
0.54s
12.05s
syscall.write 0 of 0.54s(1.89%)
0.06s
0.31s
runtime.mSpan_Sweep 0 of 0.15s(0.52%)
runtime.mCentral_Grow 0.29s(1.01%) of 0.31s(1.08%)
runtime.startm 0 of 12.06s(42.15%)
0.54s
12.06s
syscall.Syscall 0.54s(1.89%)
runtime.notewakeup 0 of 12.24s(42.78%)
12.24s
runtime.semawakeup 0 of 12.26s(42.85%)
12.26s
runtime.mach_semrelease 0 of 12.26s(42.85%)
12.26s
runtime.mach_semaphore_signal 12.26s(42.85%)