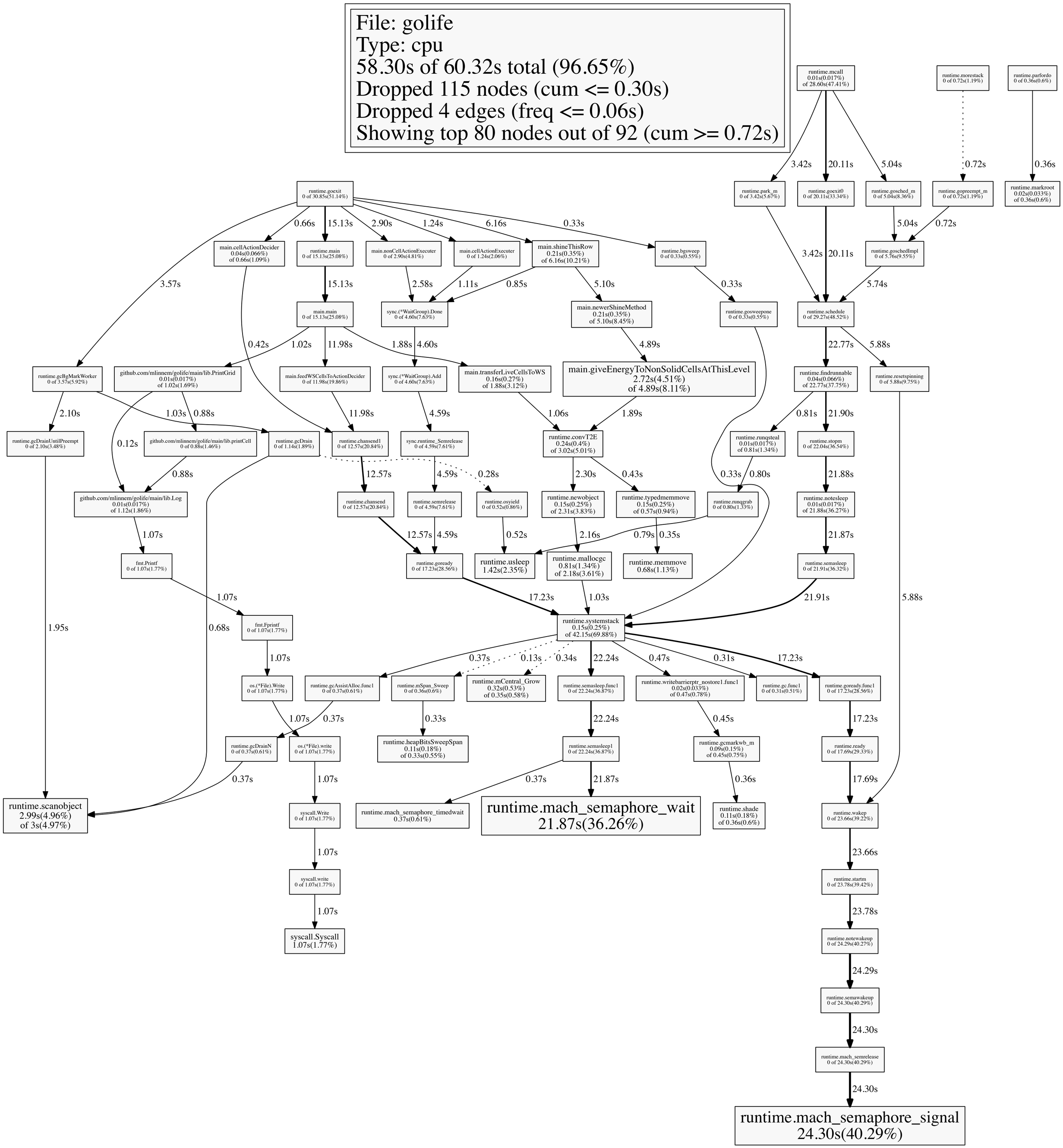
File: golife
Type: cpu
58.30s of 60.32s total (96.65%)
Dropped 115 nodes (cum <= 0.30s)
Dropped 4 edges (freq <= 0.06s)
Showing top 80 nodes out of 92 (cum >= 0.72s)
runtime.goexit 0 of 30.85s(51.14%)
runtime.mcall 0.01s(0.017%) of 28.60s(47.41%)
runtime.morestack 0 of 0.72s(1.19%)
runtime.parfordo 0 of 0.36s(0.6%)
runtime.park_m 0 of 3.42s(5.67%)
runtime.goexit0 0 of 20.11s(33.34%)
runtime.gosched_m 0 of 5.04s(8.36%)
runtime.gopreempt_m 0 of 0.72s(1.19%)
runtime.markroot 0.02s(0.033%) of 0.36s(0.6%)
runtime.goschedImpl 0 of 5.76s(9.55%)
main.cellActionDecider 0.04s(0.066%) of 0.66s(1.09%)
runtime.main 0 of 15.13s(25.08%)
main.nonCellActionExecuter 0 of 2.90s(4.81%)
main.cellActionExecuter 0 of 1.24s(2.06%)
main.shineThisRow 0.21s(0.35%) of 6.16s(10.21%)
runtime.bgsweep 0 of 0.33s(0.55%)
main.main 0 of 15.13s(25.08%)
sync.(*WaitGroup).Done 0 of 4.60s(7.63%)
main.newerShineMethod 0.21s(0.35%) of 5.10s(8.45%)
runtime.gosweepone 0 of 0.33s(0.55%)
runtime.schedule 0 of 29.27s(48.52%)
runtime.gcBgMarkWorker 0 of 3.57s(5.92%)
github.com/mlinnem/golife/main/lib.PrintGrid 0.01s(0.017%) of 1.02s(1.69%)
main.feedWSCellsToActionDecider 0 of 11.98s(19.86%)
sync.(*WaitGroup).Add 0 of 4.60s(7.63%)
main.transferLiveCellsToWS 0.16s(0.27%) of 1.88s(3.12%)
main.giveEnergyToNonSolidCellsAtThisLevel 2.72s(4.51%) of 4.89s(8.11%)
runtime.findrunnable 0.04s(0.066%) of 22.77s(37.75%)
runtime.resetspinning 0 of 5.88s(9.75%)
runtime.gcDrainUntilPreempt 0 of 2.10s(3.48%)
github.com/mlinnem/golife/main/lib.printCell 0 of 0.88s(1.46%)
runtime.gcDrain 0 of 1.14s(1.89%)
runtime.chansend1 0 of 12.57s(20.84%)
sync.runtime_Semrelease 0 of 4.59s(7.61%)
runtime.convT2E 0.24s(0.4%) of 3.02s(5.01%)
runtime.runqsteal 0.01s(0.017%) of 0.81s(1.34%)
runtime.stopm 0 of 22.04s(36.54%)
github.com/mlinnem/golife/main/lib.Log 0.01s(0.017%) of 1.12s(1.86%)
runtime.chansend 0 of 12.57s(20.84%)
runtime.semrelease 0 of 4.59s(7.61%)
runtime.osyield 0 of 0.52s(0.86%)
runtime.newobject 0.15s(0.25%) of 2.31s(3.83%)
runtime.typedmemmove 0.15s(0.25%) of 0.57s(0.94%)
runtime.runqgrab 0 of 0.80s(1.33%)
runtime.notesleep 0.01s(0.017%) of 21.88s(36.27%)
fmt.Printf 0 of 1.07s(1.77%)
runtime.goready 0 of 17.23s(28.56%)
runtime.usleep 1.42s(2.35%)
runtime.mallocgc 0.81s(1.34%) of 2.18s(3.61%)
runtime.memmove 0.68s(1.13%)
runtime.semasleep 0 of 21.91s(36.32%)
fmt.Fprintf 0 of 1.07s(1.77%)
runtime.systemstack 0.15s(0.25%) of 42.15s(69.88%)
os.(*File).Write 0 of 1.07s(1.77%)
runtime.gcAssistAlloc.func1 0 of 0.37s(0.61%)
runtime.mSpan_Sweep 0 of 0.36s(0.6%)
runtime.mCentral_Grow 0.32s(0.53%) of 0.35s(0.58%)
runtime.semasleep.func1 0 of 22.24s(36.87%)
runtime.writebarrierptr_nostore1.func1 0.02s(0.033%) of 0.47s(0.78%)
runtime.gc.func1 0 of 0.31s(0.51%)
runtime.goready.func1 0 of 17.23s(28.56%)
runtime.gcDrainN 0 of 0.37s(0.61%)
os.(*File).write 0 of 1.07s(1.77%)
runtime.heapBitsSweepSpan 0.11s(0.18%) of 0.33s(0.55%)
runtime.semasleep1 0 of 22.24s(36.87%)
runtime.gcmarkwb_m 0.09s(0.15%) of 0.45s(0.75%)
runtime.ready 0 of 17.69s(29.33%)
runtime.scanobject 2.99s(4.96%) of 3s(4.97%)
syscall.Write 0 of 1.07s(1.77%)
runtime.mach_semaphore_timedwait 0.37s(0.61%)
runtime.mach_semaphore_wait 21.87s(36.26%)
runtime.shade 0.11s(0.18%) of 0.36s(0.6%)
runtime.wakep 0 of 23.66s(39.22%)
syscall.write 0 of 1.07s(1.77%)
runtime.startm 0 of 23.78s(39.42%)
syscall.Syscall 1.07s(1.77%)
runtime.notewakeup 0 of 24.29s(40.27%)
runtime.semawakeup 0 of 24.30s(40.29%)
runtime.mach_semrelease 0 of 24.30s(40.29%)
runtime.mach_semaphore_signal 24.30s(40.29%)