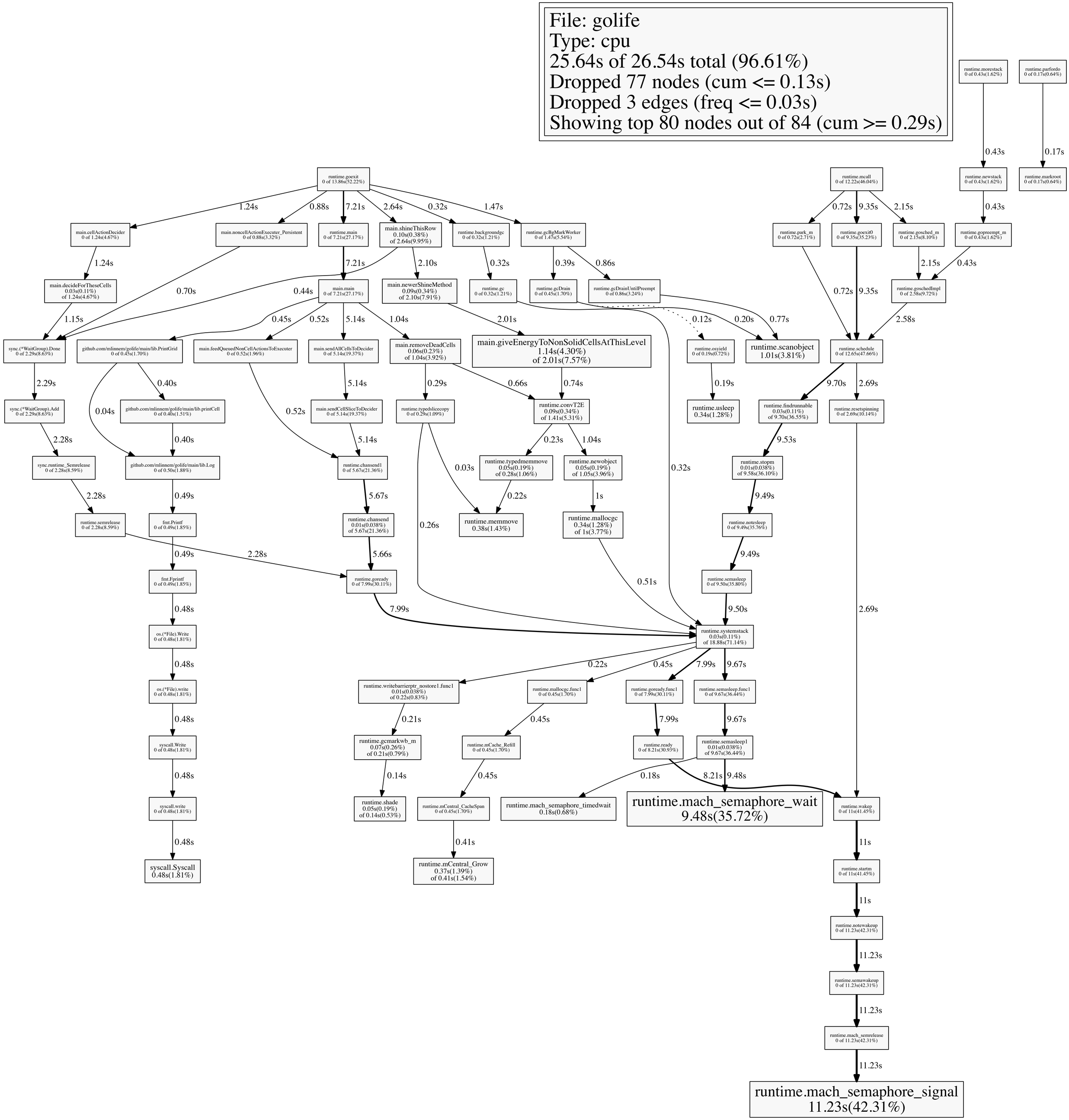
File: golife
Type: cpu
25.64s of 26.54s total (96.61%)
Dropped 77 nodes (cum <= 0.13s)
Dropped 3 edges (freq <= 0.03s)
Showing top 80 nodes out of 84 (cum >= 0.29s)
runtime.goexit 0 of 13.86s(52.22%)
main.cellActionDecider 0 of 1.24s(4.67%)
main.noncellActionExecuter_Persistent 0 of 0.88s(3.32%)
runtime.main 0 of 7.21s(27.17%)
main.shineThisRow 0.10s(0.38%) of 2.64s(9.95%)
runtime.backgroundgc 0 of 0.32s(1.21%)
runtime.gcBgMarkWorker 0 of 1.47s(5.54%)
runtime.mcall 0 of 12.22s(46.04%)
runtime.morestack 0 of 0.43s(1.62%)
runtime.parfordo 0 of 0.17s(0.64%)
runtime.newstack 0 of 0.43s(1.62%)
runtime.markroot 0 of 0.17s(0.64%)
runtime.park_m 0 of 0.72s(2.71%)
runtime.goexit0 0 of 9.35s(35.23%)
runtime.gosched_m 0 of 2.15s(8.10%)
runtime.gopreempt_m 0 of 0.43s(1.62%)
runtime.goschedImpl 0 of 2.58s(9.72%)
main.decideForTheseCells 0.03s(0.11%) of 1.24s(4.67%)
main.main 0 of 7.21s(27.17%)
main.newerShineMethod 0.09s(0.34%) of 2.10s(7.91%)
runtime.gc 0 of 0.32s(1.21%)
runtime.gcDrain 0 of 0.45s(1.70%)
runtime.gcDrainUntilPreempt 0 of 0.86s(3.24%)
sync.(*WaitGroup).Done 0 of 2.29s(8.63%)
github.com/mlinnem/golife/main/lib.PrintGrid 0 of 0.45s(1.70%)
main.feedQueuedNonCellActionsToExecuter 0 of 0.52s(1.96%)
main.sendAllCellsToDecider 0 of 5.14s(19.37%)
main.removeDeadCells 0.06s(0.23%) of 1.04s(3.92%)
main.giveEnergyToNonSolidCellsAtThisLevel 1.14s(4.30%) of 2.01s(7.57%)
runtime.osyield 0 of 0.19s(0.72%)
runtime.scanobject 1.01s(3.81%)
runtime.schedule 0 of 12.65s(47.66%)
sync.(*WaitGroup).Add 0 of 2.29s(8.63%)
github.com/mlinnem/golife/main/lib.printCell 0 of 0.40s(1.51%)
main.sendCellSliceToDecider 0 of 5.14s(19.37%)
runtime.typedslicecopy 0 of 0.29s(1.09%)
runtime.convT2E 0.09s(0.34%) of 1.41s(5.31%)
runtime.usleep 0.34s(1.28%)
runtime.findrunnable 0.03s(0.11%) of 9.70s(36.55%)
runtime.resetspinning 0 of 2.69s(10.14%)
sync.runtime_Semrelease 0 of 2.28s(8.59%)
github.com/mlinnem/golife/main/lib.Log 0 of 0.50s(1.88%)
runtime.chansend1 0 of 5.67s(21.36%)
runtime.typedmemmove 0.05s(0.19%) of 0.28s(1.06%)
runtime.newobject 0.05s(0.19%) of 1.05s(3.96%)
runtime.stopm 0.01s(0.038%) of 9.58s(36.10%)
runtime.semrelease 0 of 2.28s(8.59%)
fmt.Printf 0 of 0.49s(1.85%)
runtime.chansend 0.01s(0.038%) of 5.67s(21.36%)
runtime.memmove 0.38s(1.43%)
runtime.mallocgc 0.34s(1.28%) of 1s(3.77%)
runtime.notesleep 0 of 9.49s(35.76%)
fmt.Fprintf 0 of 0.49s(1.85%)
runtime.goready 0 of 7.99s(30.11%)
runtime.semasleep 0 of 9.50s(35.80%)
os.(*File).Write 0 of 0.48s(1.81%)
runtime.systemstack 0.03s(0.11%) of 18.88s(71.14%)
os.(*File).write 0 of 0.48s(1.81%)
runtime.writebarrierptr_nostore1.func1 0.01s(0.038%) of 0.22s(0.83%)
runtime.mallocgc.func1 0 of 0.45s(1.70%)
runtime.goready.func1 0 of 7.99s(30.11%)
runtime.semasleep.func1 0 of 9.67s(36.44%)
syscall.Write 0 of 0.48s(1.81%)
runtime.gcmarkwb_m 0.07s(0.26%) of 0.21s(0.79%)
runtime.mCache_Refill 0 of 0.45s(1.70%)
runtime.ready 0 of 8.21s(30.93%)
runtime.semasleep1 0.01s(0.038%) of 9.67s(36.44%)
syscall.write 0 of 0.48s(1.81%)
runtime.shade 0.05s(0.19%) of 0.14s(0.53%)
runtime.mCentral_CacheSpan 0 of 0.45s(1.70%)
runtime.mach_semaphore_timedwait 0.18s(0.68%)
runtime.mach_semaphore_wait 9.48s(35.72%)
runtime.wakep 0 of 11s(41.45%)
syscall.Syscall 0.48s(1.81%)
runtime.mCentral_Grow 0.37s(1.39%) of 0.41s(1.54%)
runtime.startm 0 of 11s(41.45%)
runtime.notewakeup 0 of 11.23s(42.31%)
runtime.semawakeup 0 of 11.23s(42.31%)
runtime.mach_semrelease 0 of 11.23s(42.31%)
runtime.mach_semaphore_signal 11.23s(42.31%)