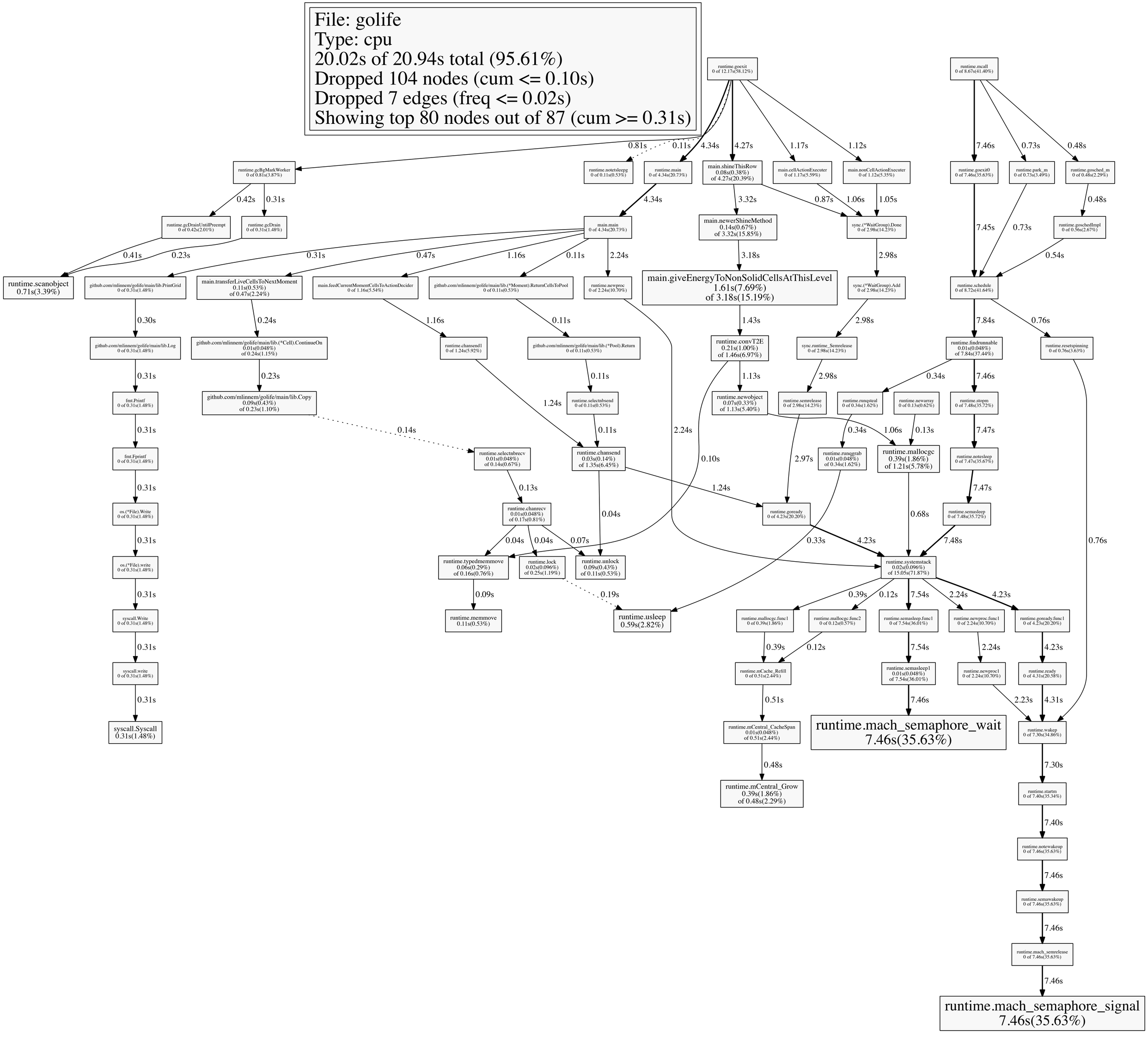
File: golife
Type: cpu
20.02s of 20.94s total (95.61%)
Dropped 104 nodes (cum <= 0.10s)
Dropped 7 edges (freq <= 0.02s)
Showing top 80 nodes out of 87 (cum >= 0.31s)
runtime.goexit 0 of 12.17s(58.12%)
runtime.mcall 0 of 8.67s(41.40%)
runtime.gcBgMarkWorker 0 of 0.81s(3.87%)
runtime.notetsleepg 0 of 0.11s(0.53%)
runtime.main 0 of 4.34s(20.73%)
main.shineThisRow 0.08s(0.38%) of 4.27s(20.39%)
main.cellActionExecuter 0 of 1.17s(5.59%)
main.nonCellActionExecuter 0 of 1.12s(5.35%)
runtime.goexit0 0 of 7.46s(35.63%)
runtime.park_m 0 of 0.73s(3.49%)
runtime.gosched_m 0 of 0.48s(2.29%)
runtime.gcDrainUntilPreempt 0 of 0.42s(2.01%)
runtime.gcDrain 0 of 0.31s(1.48%)
main.main 0 of 4.34s(20.73%)
main.newerShineMethod 0.14s(0.67%) of 3.32s(15.85%)
sync.(*WaitGroup).Done 0 of 2.98s(14.23%)
runtime.goschedImpl 0 of 0.56s(2.67%)
runtime.scanobject 0.71s(3.39%)
github.com/mlinnem/golife/main/lib.PrintGrid 0 of 0.31s(1.48%)
main.transferLiveCellsToNextMoment 0.11s(0.53%) of 0.47s(2.24%)
main.feedCurrentMomentCellsToActionDecider 0 of 1.16s(5.54%)
github.com/mlinnem/golife/main/lib.(*Moment).ReturnCellsToPool 0 of 0.11s(0.53%)
runtime.newproc 0 of 2.24s(10.70%)
main.giveEnergyToNonSolidCellsAtThisLevel 1.61s(7.69%) of 3.18s(15.19%)
sync.(*WaitGroup).Add 0 of 2.98s(14.23%)
runtime.schedule 0 of 8.72s(41.64%)
github.com/mlinnem/golife/main/lib.Log 0 of 0.31s(1.48%)
github.com/mlinnem/golife/main/lib.(*Cell).ContinueOn 0.01s(0.048%) of 0.24s(1.15%)
runtime.chansend1 0 of 1.24s(5.92%)
github.com/mlinnem/golife/main/lib.(*Pool).Return 0 of 0.11s(0.53%)
runtime.convT2E 0.21s(1.00%) of 1.46s(6.97%)
sync.runtime_Semrelease 0 of 2.98s(14.23%)
runtime.findrunnable 0.01s(0.048%) of 7.84s(37.44%)
runtime.resetspinning 0 of 0.76s(3.63%)
fmt.Printf 0 of 0.31s(1.48%)
github.com/mlinnem/golife/main/lib.Copy 0.09s(0.43%) of 0.23s(1.10%)
runtime.selectnbsend 0 of 0.11s(0.53%)
runtime.newobject 0.07s(0.33%) of 1.13s(5.40%)
runtime.semrelease 0 of 2.98s(14.23%)
runtime.runqsteal 0 of 0.34s(1.62%)
runtime.newarray 0 of 0.13s(0.62%)
runtime.stopm 0 of 7.48s(35.72%)
fmt.Fprintf 0 of 0.31s(1.48%)
runtime.selectnbrecv 0.01s(0.048%) of 0.14s(0.67%)
runtime.chansend 0.03s(0.14%) of 1.35s(6.45%)
runtime.runqgrab 0.01s(0.048%) of 0.34s(1.62%)
runtime.mallocgc 0.39s(1.86%) of 1.21s(5.78%)
runtime.notesleep 0 of 7.47s(35.67%)
os.(*File).Write 0 of 0.31s(1.48%)
runtime.chanrecv 0.01s(0.048%) of 0.17s(0.81%)
runtime.goready 0 of 4.23s(20.20%)
runtime.semasleep 0 of 7.48s(35.72%)
os.(*File).write 0 of 0.31s(1.48%)
runtime.typedmemmove 0.06s(0.29%) of 0.16s(0.76%)
runtime.lock 0.02s(0.096%) of 0.25s(1.19%)
runtime.unlock 0.09s(0.43%) of 0.11s(0.53%)
runtime.systemstack 0.02s(0.096%) of 15.05s(71.87%)
syscall.Write 0 of 0.31s(1.48%)
runtime.memmove 0.11s(0.53%)
runtime.usleep 0.59s(2.82%)
runtime.mallocgc.func1 0 of 0.39s(1.86%)
runtime.mallocgc.func2 0 of 0.12s(0.57%)
runtime.semasleep.func1 0 of 7.54s(36.01%)
runtime.newproc.func1 0 of 2.24s(10.70%)
runtime.goready.func1 0 of 4.23s(20.20%)
syscall.write 0 of 0.31s(1.48%)
runtime.mCache_Refill 0 of 0.51s(2.44%)
runtime.semasleep1 0.01s(0.048%) of 7.54s(36.01%)
runtime.newproc1 0 of 2.24s(10.70%)
runtime.ready 0 of 4.31s(20.58%)
syscall.Syscall 0.31s(1.48%)
runtime.mCentral_CacheSpan 0.01s(0.048%) of 0.51s(2.44%)
runtime.mach_semaphore_wait 7.46s(35.63%)
runtime.wakep 0 of 7.30s(34.86%)
runtime.mCentral_Grow 0.39s(1.86%) of 0.48s(2.29%)
runtime.startm 0 of 7.40s(35.34%)
runtime.notewakeup 0 of 7.46s(35.63%)
runtime.semawakeup 0 of 7.46s(35.63%)
runtime.mach_semrelease 0 of 7.46s(35.63%)
runtime.mach_semaphore_signal 7.46s(35.63%)