File: gocryptfs
Type: cpu
Time: Jun 7, 2017 at 10:46am (CEST)
Duration: 39.980588708s
7.42s of 8.20s total (90.49%)
Dropped 113 nodes (cum <= 0.04s)
Showing top 80 nodes out of 96 (cum >= 0.27s)

runtime.goexit
0 of 7.96s(97.07%)

runtime.mcall
0 of 0.19s(2.32%)

runtime.goschedImpl
0 of 0.05s(0.61%)

2.87s

0.07s

runtime.main
0 of 2.87s(35.00%)

runtime.bgsweep
0.01s(0.12%)
of 0.07s(0.85%)

0.07s   0.02s

runtime.findrunnable
0.01s(0.12%)
of 0.11s(1.34%)

2.87s

0.06s

0.07s

main.main
0 of 2.87s(35.00%)

runtime.gosweepone
0 of 0.06s(0.73%)

runtime.stopm
0.01s(0.12%)
of 0.09s(1.10%)

2.87s

0.05s

main.doMount
0 of 2.87s(35.00%)

runtime.notesleep
0 of 0.05s(0.61%)

2.45s   0.42s

0.05s

github.com/hanwen/go-fuse/fuse.(*Server).Serve
0 of 2.45s(29.88%)

main.loadConfig
0 of 0.42s(5.12%)

runtime.futexsleep
0 of 0.07s(0.85%)

2.45s   0.42s

0.07s

github.com/rfjakob/gocryptfs/internal/configfile.LoadConfFile
0 of 0.42s(5.12%)

runtime.futex
0.10s(1.22%)

github.com/hanwen/go-fuse/fuse.(*Server).loop
0 of 7.23s(88.17%)

0.42s

0.63s   6.60s

github.com/rfjakob/gocryptfs/internal/configfile.(*ScryptKDF).DeriveKey
0 of 0.42s(5.12%)

github.com/hanwen/go-fuse/fuse.(*Server).readRequest
0.01s(0.12%)
of 0.63s(7.68%)

github.com/hanwen/go-fuse/fuse.(*Server).handleRequest
0 of 6.60s(80.49%)

0.42s

0.62s   6.39s   0.05s

golang.org/x/crypto/scrypt.Key
0 of 0.42s(5.12%)

github.com/hanwen/go-fuse/fuse.handleEINTR
0 of 0.75s(9.15%)

github.com/hanwen/go-fuse/fuse.doWrite
0.01s(0.12%)
of 6.39s(77.93%)

github.com/hanwen/go-fuse/fuse.(*Server).returnRequest
0.01s(0.12%)
of 0.05s(0.61%)

0.42s

0.62s   0.13s   6.38s

golang.org/x/crypto/scrypt.smix
0 of 0.42s(5.12%)

github.com/hanwen/go-fuse/fuse.(*Server).readRequest.func1
0.01s(0.12%)
of 0.62s(7.56%)

syscall.Write
0.01s(0.12%)
of 0.13s(1.59%)

github.com/hanwen/go-fuse/fuse/nodefs.(*rawBridge).Write
0 of 6.38s(77.80%)

0.36s

0.61s   6.37s

golang.org/x/crypto/scrypt.blockMix
0 of 0.36s(4.39%)

syscall.Read
0 of 0.61s(7.44%)

github.com/hanwen/go-fuse/fuse/pathfs.(*pathInode).Write
0 of 6.37s(77.68%)

0.36s

0.61s   6.37s

golang.org/x/crypto/scrypt.salsaXOR
0.36s(4.39%)

syscall.read
0.01s(0.12%)
of 0.61s(7.44%)

github.com/rfjakob/gocryptfs/internal/fusefrontend.(*file).Write
0 of 6.37s(77.68%)

0.61s   6.36s

github.com/rfjakob/gocryptfs/internal/fusefrontend.(*file).doWrite
0.05s(0.61%)
of 6.36s(77.56%)

1.18s   4.28s   0.09s   0.01s   0.04s

os.(*File).WriteAt
0.01s(0.12%)
of 1.19s(14.51%)

github.com/rfjakob/gocryptfs/internal/contentenc.(*ContentEnc).EncryptBlock
0.01s(0.12%)
of 4.28s(52.20%)

github.com/rfjakob/gocryptfs/internal/contentenc.(*ContentEnc).ExplodePlainRange
0 of 0.09s(1.10%)

1.18s

0.57s   3.70s

os.(*File).pwrite
0.01s(0.12%)
of 1.18s(14.39%)

github.com/rfjakob/gocryptfs/internal/cryptocore.(*nonceGenerator).Get
0.04s(0.49%)
of 0.57s(6.95%)

github.com/rfjakob/gocryptfs/internal/contentenc.(*ContentEnc).doEncryptBlock
0.02s(0.24%)
of 3.70s(45.12%)

1.17s

0.21s   0.33s   0.11s   3.57s   0.08s   0.11s   0.09s

syscall.Pwrite
0 of 1.17s(14.27%)

github.com/rfjakob/gocryptfs/internal/cryptocore.RandBytes
0 of 0.3s(4.02%)

encoding/hex.EncodeToString
0.02s(0.24%)
of 0.11s(1.34%)

crypto/aes.(*gcmAsm).Seal
0.02s(0.24%)
of 3.57s(43.54%)

runtime.growslice
0.05s(0.61%)
of 0.17s(2.07%)

runtime.convT2E
0.03s(0.37%)
of 0.24s(2.93%)

1.17s

0.30s   0.03s   0.08s   0.46s   3.02s   0.08s   0.06s   0.13s   0.08s

syscall.Syscall6
1.15s(14.02%)
of 1.19s(14.51%)

crypto/rand.Read
0 of 0.3s(3.66%)

runtime.makeslice
0.04s(0.49%)
of 0.82s(10.00%)

crypto/aes.gcmAesEnc
3.02s(36.83%)

runtime.newobject
0 of 0.24s(2.93%)

runtime.typedmemmove
0.05s(0.61%)
of 0.08s(0.98%)

0.30s

0.78s   0.10s   0.24s   0.02s   0.02s

io.ReadFull
0 of 0.30s(3.66%)

runtime.mallocgc
0.25s(3.05%)
of 1.12s(13.66%)

runtime.memmove
0.29s(3.54%)

0.30s

0.60s   0.06s   0.44s   0.31s

io.ReadAtLeast
0 of 0.30s(3.66%)

runtime.profilealloc
0 of 0.06s(0.73%)

runtime.(*mcache).nextFree
0 of 0.44s(5.37%)

0.30s

0.05s   0.43s

crypto/rand.(*devReader).Read
0.03s(0.37%)
of 0.30s(3.66%)

runtime.mProf_Malloc
0.05s(0.61%)

runtime.systemstack
0 of 1.13s(13.78%)

0.27s

0.34s   0.09s   0.19s   0.08s   0.16s   0.02s

crypto/rand.getRandomLinux
0.01s(0.12%)
of 0.27s(3.29%)

runtime.(*mcache).nextFree.func1
0 of 0.34s(4.15%)

runtime.scanblock
0.10s(1.22%)
of 0.11s(1.34%)

runtime.gcDrain
0.01s(0.12%)
of 0.21s(2.56%)

runtime.(*mheap).alloc.func1
0 of 0.08s(0.98%)

runtime.mallocgc.func1
0.01s(0.12%)
of 0.16s(1.95%)

0.26s

0.34s   0.17s   0.08s

internal/syscall/unix.GetRandom
0.01s(0.12%)
of 0.26s(3.17%)

runtime.(*mcache).refill
0 of 0.34s(4.15%)

runtime.scanobject
0.20s(2.44%)
of 0.22s(2.68%)

runtime.(*mheap).alloc_m
0.01s(0.12%)
of 0.08s(0.98%)

0.25s   0.34s   0.07s

syscall.Syscall
0.90s(10.98%)
of 0.98s(11.95%)

runtime.(*mcentral).cacheSpan
0.04s(0.49%)
of 0.34s(4.15%)

runtime.(*mheap).allocSpanLocked
0.01s(0.12%)
of 0.07s(0.85%)

0.02s   0.03s   0.05s   0.27s

runtime.entersyscall
0.02s(0.24%)
of 0.05s(0.61%)

runtime.exitsyscall
0.04s(0.49%)
of 0.07s(0.85%)

runtime.(*mcentral).grow
0 of 0.27s(3.29%)

0.22s

runtime.(*mheap).alloc
0 of 0.36s(4.39%)

0.36s

runtime.memclrNoHeapPointers
0.39s(4.76%)