File: start
Type: cpu
Time: Nov 26, 2019 at 1:50am (CET)
Duration: 7.53mins, Total samples = 408.21s (90.33%)
Showing nodes accounting for 337.34s, 82.64% of 408.21s total
Dropped 376 nodes (cum <= 2.04s)
Dropped 63 edges (freq <= 0.41s)
Showing top 80 nodes out of 131

http (*conn) serve 0 of 60.64s (14.86%)
60.64s
http HandlerFunc ServeHTTP 0 of 60.64s (14.86%)
47.84s
main getPath 9.59s (2.35%) of 47.84s (11.72%)
11.99s
runtime mapassign_fast32 4.89s (1.20%) of 11.99s (2.94%)
5.78s
runtime evacuate_fast32 3.49s (0.85%) of 5.78s (1.42%)
6.54s
runtime mapaccess2_fast32 5.32s (1.30%) of 6.54s (1.60%)
9.18s
sort insertionSort_func 1.11s (0.27%) of 4.29s (1.05%)
4.29s
sort quickSort_func 0.42s (0.1%) of 33.96s (8.32%)
33.96s
sort doPivot_func 10.04s (2.46%) of 28.95s (7.09%)
2.65s
reflectlite Swapper func9 2.52s (0.62%) of 15.68s (3.84%)
12.80s
reflectlite typedmemmove 2.04s (0.5%) of 12.80s (3.14%)
9.89s
runtime typedmemmove 4.25s (1.04%) of 10.44s (2.56%)
1.37s
heap Pop 0.33s (0.081%) of 9.18s (2.25%)
28.95s
heap down 4.89s (1.20%) of 7.17s (1.76%)
7.17s
main geoDistancePrecision 1.56s (0.38%) of 6.71s (1.64%)
6.71s
runtime main 0 of 103.59s (25.38%)
103.59s
main decoder 2.64s (0.65%) of 103.59s (25.38%)
1.72s
main geoDistance 2.57s (0.63%) of 12.79s (3.13%)
12.79s
sort Search 15.94s (3.90%) of 39.20s (9.60%)
37.48s
16.12s
1.70s
2.92s
1.25s
3.52s
2.18s
3.30s
10.66s
11.79s
math cos 5.70s (1.40%) of 5.99s (1.47%)
math sin 4.50s (1.10%) of 4.77s (1.17%)
math acos 0.44s (0.11%) of 5.48s (1.34%)
main decoder func3 10.66s (2.61%)
main decoder func4 11.79s (2.89%)
5.04s
math asin 2.25s (0.55%) of 5.04s (1.23%)
0.93s
runtime mapassign_fast64 10.17s (2.49%) of 16.12s (3.95%)
0.97s
runtime add 2.24s (0.55%)
2.56s
runtime mapaccess2_fast64 13.21s (3.24%) of 14.22s (3.48%)
14.22s
0.68s
runtime aeshash64 3.24s (0.79%)
main (*dataHandlerNodes) ReadNode 1.01s (0.25%) of 16.56s (4.06%)
16.56s
gosmparse (*Decoder) Parse 0 of 5.74s (1.41%)
5.72s
gosmparse (*Decoder) block 0 of 5.72s (1.40%)
3.27s
58.56s
io ReadFull 0 of 61.83s (15.15%)
61.83s
io ReadAtLeast 0 of 61.83s (15.15%)
58.53s
3.22s
zlib (*reader) Read 0.04s (0.0098%) of 58.53s (14.34%)
55.20s
3.26s
flate (*decompressor) Read 0.04s (0.0098%) of 55.20s (13.52%)
52.90s
1.03s
0.44s
flate (*decompressor) huffmanBlock 10.01s (2.45%) of 52.90s (12.96%)
0.42s
5.30s
3.10s
31.98s
flate (*dictDecoder) tryWriteCopy 3.23s (0.79%) of 5.30s (1.30%)
flate (*dictDecoder) writeByte 3.10s (0.76%)
flate (*decompressor) huffSym 23.67s (5.80%) of 32.24s (7.90%)
2.07s
8.57s
runtime memmove 18.22s (4.46%)
6.18s
bytes (*Reader) ReadByte 9.14s (2.24%)
syscall Syscall 3.17s (0.78%) of 3.25s (0.8%)
1.19s
adler32 update 3.26s (0.8%)
gosmparse (*Decoder) Parse func1 0.01s (0.0024%) of 228.29s (55.92%)
228.25s
gosmparse (*Decoder) readElements 0.05s (0.012%) of 228.25s (55.91%)
53.09s
138.63s
35.94s
gosmparse denseNode 7.05s (1.73%) of 53.09s (13.01%)
gosmparse (*Decoder) blobData 0 of 138.63s (33.96%)
gosmparse way 7.39s (1.81%) of 35.94s (8.80%)
29.25s
78.40s
12.32s
4.19s
gosmparse unpackTags 2.35s (0.58%) of 29.25s (7.17%)
OSMPBF (*PrimitiveBlock) Unmarshal 0.02s (0.0049%) of 78.40s (19.21%)
4.30s
22.60s
76.47s
runtime mapassign_faststr 4.25s (1.04%) of 16.78s (4.11%)
runtime makemap_small 0.81s (0.2%) of 26.89s (6.59%)
OSMPBF (*PrimitiveGroup) Unmarshal 0.92s (0.23%) of 76.47s (18.73%)
1.35s
2.41s
8.46s
25.15s
3.86s
35.75s
33.75s
OSMPBF (*Way) Unmarshal 10.55s (2.58%) of 35.75s (8.76%)
OSMPBF (*DenseNodes) Unmarshal 8.28s (2.03%) of 33.75s (8.27%)
4.77s
4.44s
16.19s
OSMPBF (*Info) Unmarshal 3.53s (0.86%) of 4.83s (1.18%)
OSMPBF (*DenseInfo) Unmarshal 6.63s (1.62%) of 16.19s (3.97%)
3.31s
17.12s
9.28s
1.30s
9.56s
runtime growslice 5.24s (1.28%) of 38.17s (9.35%)
3.85s
runtime makeslice 0.11s (0.027%) of 5.56s (1.36%)
runtime newobject 2.12s (0.52%) of 47.01s (11.52%)
5.45s
44.89s
20.03s
runtime mallocgc 18.14s (4.44%) of 74.47s (18.24%)
7.85s
21.19s
14.66s
6.82s
6.78s
runtime (*mcentral) cacheSpan 0.77s (0.19%) of 21.19s (5.19%)
runtime bgsweep 0 of 6.47s (1.58%)
runtime heapBitsSetType 11.16s (2.73%) of 14.66s (3.59%)
runtime systemstack 0.17s (0.042%) of 20.46s (5.01%)
runtime nextFreeFast 6.78s (1.66%)
6.47s
0.96s
4.57s
3.70s
4.62s
1.48s
0.69s
8.13s
runtime sweepone 1.28s (0.31%) of 12.28s (3.01%)
runtime (*mheap) alloc_m 0.27s (0.066%) of 6.06s (1.48%)
runtime (*mheap) alloc 0.09s (0.022%) of 16.55s (4.05%)
10.66s
0.47s
10.35s
runtime (*mspan) sweep 0.63s (0.15%) of 11.86s (2.91%)
runtime memclrNoHeapPointers 16.37s (4.01%)
9.39s
runtime (*mheap) freeSpan 0.05s (0.012%) of 9.39s (2.30%)
1.21s
runtime (*mheap) freeSpan func1 0.14s (0.034%) of 9.34s (2.29%)
1.18s
2.37s
5.65s
runtime unlock 0.98s (0.24%) of 2.52s (0.62%)
runtime lock 1.34s (0.33%) of 4.45s (1.09%)
runtime (*mheap) freeSpanLocked 0.15s (0.037%) of 5.65s (1.38%)
1.54s
1s
1.99s
runtime futex 2.69s (0.66%)
runtime (*treapNode) updateInvariants 2.05s (0.5%) of 2.68s (0.66%)